

1972-2012
Cte International



Anniversary



Action Cameras, Radio Communication, Intercom Headsets for Moto and Sports





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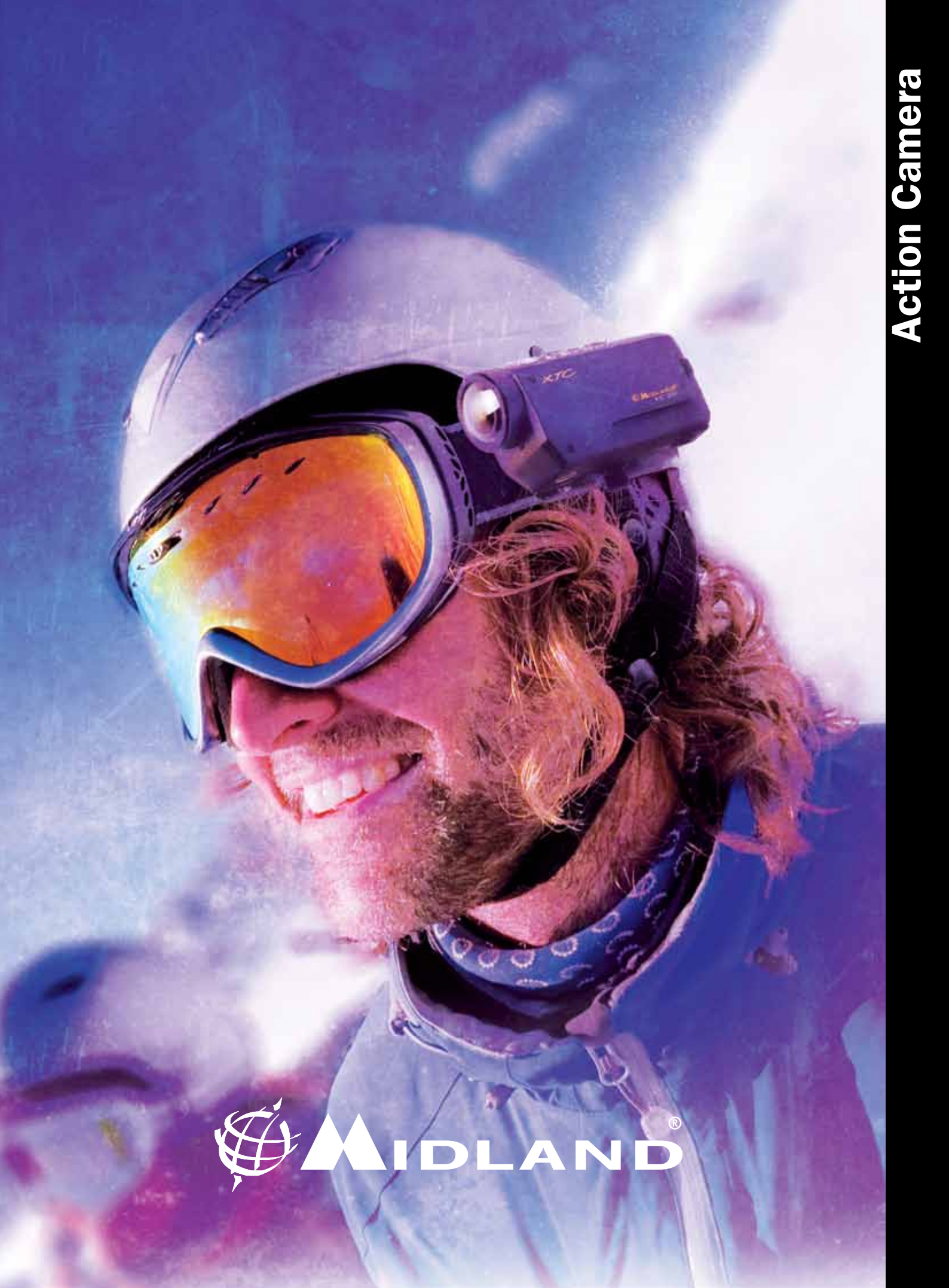
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Cte International: 40 years of technology and passion



Action Camera



XTC-300 FULL HD

Resolution: Hi 1920x1080, M 1280x720, L 848x480,
Frame rate: HD 30/L-M 60 fps
Viewing angle: HD 127°/ M-L 140°

02

A full HD camera that can be body worn or attached using the many mounts designed for all situations, activities and vehicles

> Packs and Codes

1 video camera, Micro SD card reader, ski mask installation kit, bicycle helmet installation kit, helmet installation kit, handlebar installation kit, side mount, underwater case waterproof to 30 m, flat lens for underwater filming, 1100 mAh lithium battery, USB lead, wall and car charger.

Code C994 Black

Technical specifications XTC300/350

Control	A single On-Off/REC command
Resolution	Hi: 1920x1080 Mid: 1280x720 Low: 848x480
Image stabiliser	Dynamic digital
FPS frame rate	30 HD - 60 Mid-Low
Visual	127° HD - 140° Mid - 170° Low
Max. memory card capacity	Micro SD up to 32GB
Power supply	1100mAh Lithium (2.5-3h)
Size WxDxH	95x30.3x50 mm
Weight	110 g
Recording time (2GB)	30' Hi - 26' Mid - 40' Low
Video format	H.264 (MP4)
Operating system compatibility	Win XP, SP2, Vista & 7, Mac OSX 10.4+



Ski mask mount



Helmet mount



Velcro band for bicycle helmet



Mount for bicycle/motorcycle handlebars

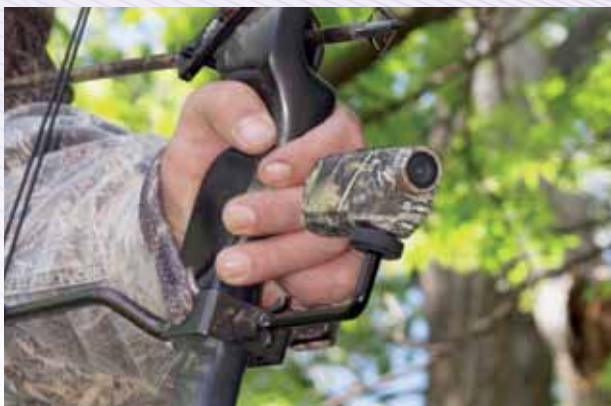


Side mount



Waterproof case





XTC-350 FULL HD Mimetic

Resolution: H1920x1080, M1280x720, L 848x480,
Frame rate: HD 30/L-M 60 fps
Viewing angle: HD127°/ M140° /L170°



Full HD devoted to hunting, fishing and soft air enthusiasts. XTC-350 is equipped with "stealth" technology to silence the video camera

> Packs and Codes

1 video camera, helmet installation kit, handlebar and gun installation kit, cap mount, bow and shaft mount, side adapter, waterproof case to 30 m, flat lens for underwater shoots, 1100 mAh lithium battery, USB lead, wall and car charger.

Code C994.02 (original Mossy Oak®)



Mount for rifle, bicycle and motorcycle handlebars



Cap mount



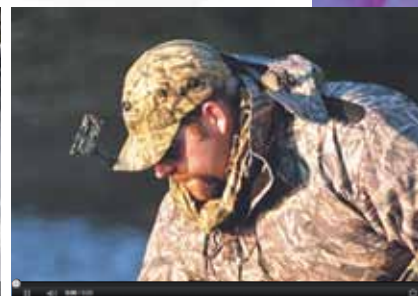
Bow and shaft mounts



Side mount



Waterproof case



XTC-200 HD

Resolution: HD 1280x720, L 640x480 pixel
Frame rate: HD 30/L 60 fps
Viewing angle: 140°

HD
ready



04

The most compact, lightest HD camera; the perfect combination of performance and convenience



Ski mask mount



Helmet mount



Velcro band for bicycle helmet



Mount for bicycle and motorcycle handlebars



Side mount



Waterproof case

Technical specifications

Control	A single On-Off/REC command
Resolution	HD:1280x720 SD: 640x480
Image stabiliser	Dynamic digital
FPS frame rate	30 HD - 60 Low
Visual	140°
Max. memory card capacity	Micro SD up to 32GB

> Packs and Codes

1 video camera, Micro SD card reader, ski mask installation kit, bicycle helmet installation kit, helmet installation kit, handlebar installation kit, side mount, underwater case waterproof to 30 m, 3.7 V 900 mAh lithium battery, USB lead, wall and car charger.

Code C985 black and metallic grey

Power supply	900mAh Lithium (3h)
Size WxDxH	85.2 x 30.3 x 42.2 mm
Weight	93 g
Recording time (2GB)	26' HD - 38' SD
Video format	H.264 (MP4)
Operating system compatibility	Win XP, SP2, Vista & 7, Mac OSX 10.4+





2.0Gb
memory

XTC-100

XTC-100 Mimetic

Resolution 640x480,
30 frame,
Field of vision 140°



Ready for use to take
immediate action! Includes
memory card and batteries.
Also in a Mossy Oak version



2.0Gb
memory

> Packs and Codes

1 video camera, 2 GB micro SD card, ski mask installation kit,
bicycle helmet installation kit, helmet installation kit, handlebar
installation kit, 2 alkaline AAA batteries, USB lead

Code C968 Black

Code C968.02 Camouflage version (original Mossy Oak®)



Ski mask mount



Helmet mount



Velcro band for bicycle
helmet



side mount



Mount for bicycle and
motorcycle handlebars

Technical specifications

Control	A single On-Off/REC command
Resolution	640x480
Image stabiliser	Dynamic digital
FPS frame rate	30
Visual	140°
Max. memory card capacity	Micro SD up to 32GB

Power supply	2 x AAA (2h)
Size WxDxH	85.2 x 30.3 x 42.2 mm
Weight	93 g
Internal memory	25"
Recording time (2GB)	30'
Video format	AVI
Operating system compatibility	Win XP, SP2, Vista & 7, Mac OSX 10.4+





Action Camera accessories

RAM Magnetic Mount C1041

Professional magnetic mount for metal surfaces. Steel with paint for boats.



RAM Roll Bar Mount C1042

Professional mount for assembly onto tubular handlebar with a diameter of between 1 and 3 cm.



RAM Moto Quad Mount C1052

Professional mount suitable for all vehicles with tubes. Steel with paint for boats.



Surf Snowboard Mount - C1038

Adjustable ABS and stainless steel mount with safety device to be fixed to a surfboard



Head Strap Mount C1040

Mount/strap to fasten the video cameras straight onto your head or helmet.



Picatinny - C1039

Mount for rifles and pistols prepared with Picatinny Rail.



Car mount XTC C980

Suction pad mount for cars. Enables stable filming from a vehicle.



Cap Mount XTC C1012

Cap mount



C990

Bi-adhesive helmet mount



C989

Ski mask mount



C991

Velcro band for bicycle helmet



C992

Mount for bicycle and motorcycle handlebars



Waterproof Case CC-XTC - C976

(for XTC100/200 HD)
Waterproof case to 30 m.



Waterproof Case CC-XTC300 - C1031

(for XTC300)
Waterproof case with flat lens for diving down to 30 m.



R73094

Flat lens kit for CC-XTC300 case, specifically designed for diving.



C1015

900mAh lithium battery for XTC200



C1014

1100mAh lithium battery for XTC300





PMR446/Dual band transceivers

To communicate anywhere, any time at zero cost

The PMR446 and Dual band transceivers are the most advanced, efficient technological solution to communicate with one or more people at no cost. Communication is immediate with no need to key in numbers or other such procedures.

All users listening on the same channel receive the call and can answer the communication one at a time.

Simply press the PTT (Push-To-Talk) button given over to the transmission and talk!

Midland transceivers are fun and easy to use; light, compact with an appealing design. PMR446 equipment operates on frequencies of up to 446 Mhz (8 channels) and have 500mW transmission power. Dual band equipment also operate on the LPD band of up to 433 Mhz (69 channels), with 10 mW transmission power; free use of channels 1 to 20. Both PMR446 and LPD dual band radio's are subject to certain licencing rules in some EEC countries. Please check the rules for your country.

If you are in one of those which requires a licence this usually requires payment of 12 Euro's and the sending of a recorded delivery letter to the Regional Inspector. (Applies in Italy).

Coverage/range

Transceiver performance depends on environmental and atmospheric conditions.

Environmental factors such as plains, buildings, trees and foliage may affect coverage. Best performance is obtained in open fields. Typically, coverage in built-up cities is around 1 or 2 km. In an open field, but with trees, houses and foliage, coverage is 4-6 km. In an open field, in sight, with no interference, such as in the mountains, coverage may even exceed 10-12 km. Range differences may also be seen between the various different radio models; this depends on the electronic/physical conditions of the radio, such as, for example, receiver sensitivity or antenna length. This is why the Midland product range includes radios suited to all needs, from free-time use to working/professional options.



Midland G5 XT

Equipped with the new **Babysitting** function and fitted with a rubberised case



> Version

PMR446

> Colour

Black

> Channels

8 + 16 pre-programmed

Tones: 38 CTCSS

> Specifications

- **Babysitting function with dedicated channels**
- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- **VOX** adjustable to 3 different levels + Vox Talk Back
- **CALL**
- Roger beep: end of call tone
- Backlit LCD display
- **Power supply:** 3 AAA batteries
- **2-pin accessory socket**
- **Compatible wall charger: MW904**

> Packs and Codes

Blister pack with pair of radios, 2 wall chargers, 6 rechargeable AAA batteries, 2 belt clips, 2 wrist straps

code C897



Midland G5 XT Valibox

Practical box to carry your radio with you
The **Eva case** enables you to carry the following in a practical case: a pair of G5 XT, 2 wall chargers, 6 batteries, 2 microphones with earpieces and travel power supplies.

> Packs and Codes

Eva case full optional:

pair of radios, 2 wall chargers, 6 rechargeable AAA batteries, 2 microphones with adjustable earpieces and PTT, 2 12V travel power supplies.

code C897.01

Midland G6 XT

Equipped with the new **Babysitting** function; reliable and easy to use



> Version

PMR446

> Colour

Black

> Channels

8 + 40 saved

Tones: 38 CTCSS

> Specifications

- **Babysitting function with dedicated channels**
- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- VOX adjustable to 3 different levels + Vox Talk Back
- CALL
- SCAN
- Monitor
- Out of Range
- Roger beep: end of call tone
- Backlit LCD display

- **Power supply:** 600mA battery pack (or 4 AAA batteries optional)
- **2-pin accessory socket**
- **Compatible wall charger: MW904**

> Packs and Codes

Blister pack with pair of radios, double desktop charger, double rechargeable battery pack (600 mAh) and wall adapter
code 830.08



Midland M99 Plus

The complete, reliable radio, suited for all environments, from professional use to free time



> Version

PMR446

> Colour

Black/Silver

> Specifications

- Built-in vox adjustable to 2 levels
- Alphanumeric LCD display
- Call button
- "SCAN" function
- Keypad lock
- Battery life: up to 12 hours
- **2-pin accessory socket**
- **Compatible wall charger: MW904**

> Packs and Codes

Box with 2 radios, 2 belt clips, 2 600mAh battery packs, 2 earpieces, 1 double desktop charger, 1 wall adapter, 2 cases with neck straps
code C908

Channels

8 + 91 pre-programmed

Tones: 38 CTCSS + 104 DCS



Midland G7 XTR

Practical and hard-wearing



> Specifications

- Vibracall
- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- VOX adjustable to 2 levels, for hands-free communication
- Dual Watch
- CALL with 5 different melodies
- SCAN
- Monitor
- High/low power
- Roger beep: end of call tone
- Backlit LCD display
- **Power supply:** battery pack or 4 AA batteries
- **2-pin accessory socket**
- **Compatible wall charger:** MW 904

> Versions

Midland G7 XTR: Dual band PMR446/LPD

Midland G7E XTR: PMR446

> Colours

Grey/Black - Mimetic Mossy Oak

> Channels

Dual band: PMR446 8/LPD 69

PMR 446: 8

Tones: 38 CTCSS

> Packs and Codes

G7XTR Box single pack:

Box with 1 radio, wall charger, 4 rechargeable Ni-MH AA 1.2V/1800 mAh batteries, belt clip

code C926 version Dual band



G7XTR Blister Box:

Blister pack with pair of radios, double desktop charger, wall adapter, 2 800mAh battery packs, belt clip

code C926.03 dual band version (PMR446/LPD)

code C926.01 version E (PMR only)



Mimetic version, original Mossy Oak®

G7XTR Mimetic Box single pack:

Box with 1 radio, wall charger, 4 rechargeable Ni-MH AA 1.2V/1800 mAh batteries, belt clip
code **C926.04** version Dual band

Midland G7 Valibox Hobby&Work



2x



1x



2x



2x

Midland G7 Valibox

In the Work & Hobby version.

Ideal for everyday professional use and for team management

The **Valibox** enables **full optional versions** to be carried in a practical, shock-resistant case.

Packs and Codes

Valibox case full optional:

pair of radios, 1 double desktop charger with wall adapter, 2 rechargeable battery packs, 2 speak/listen microphones with VOX/PTT.

code C926.11 G7 H&W (Dual Band)

code C926.12 G7-E H&W (PMR446 only)

Midland G8/Midland G8E-BT

Solid and compact, Waterproof IPX5, also with built-in Bluetooth® technology



> Versions

G8: PMR446/LPD
G8E: PMR446
G8E-BT: PMR446

> Colour

Metallic grey/Black

> Channels

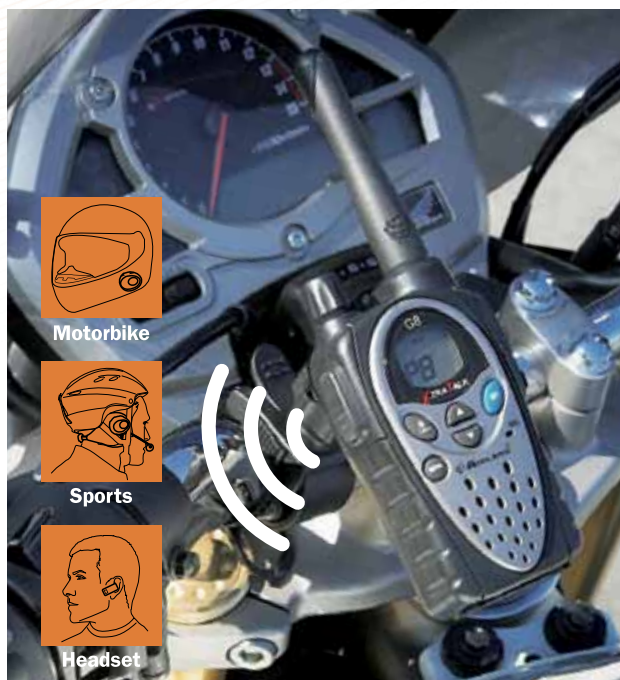
Dual band: PMR446 8 +
16 saved/LPD 69
PMR446: 8 + 16 saved
Tones: 38 CTCSS + 104
DCS



Midland G8BT

Midland G8

IPX5
WATERPROOF



- > **"Out of range" function:** press a button to check for other radios within range.
- > **"Vox TalkBack" function:** even if the radio is transmitting, Vox enables the Talkback function to allow for response at regular intervals.
- > **Motorcycle intercom:** the intercom socket makes the G8 the ideal solution for use on motorcycles
- > **Midland G8E features the "Emergency" function:** the "EMG" button enables communication with all radios with the same function (G8-G9), even if tuned to different channels
- > **Built-in Bluetooth® in the BT version**

> Other specifications

- **Waterproof: IPX5**
- Vibracall
- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- VOX adjustable to 3 levels
- Dual Watch
- CALL with 5 different melodies
- SCAN, Monitor

- Out of Range
- Roger beep: end of call tone
- High/low power
- Backlit LCD display
- **Power supply:** 4.8V 800mAh NiMH battery pack (or 4 AAA batteries optional)
- **2-pin accessory socket**
- **Compatible wall charger: MW904**

> Packs and Codes

Box with single radio, desktop charger with wall adapter, rechargeable battery pack (800 mAh), belt clip
code C832.05 Dual band (PMR446/LPD)
code C832.06 version E (PMR446)
code C975 version E-BT (PMR446 with Bluetooth). Pack includes PTT and wire (finger PTT)

Midland G9

The HIGH performance radio.
Double PTT to transmit in high and lower power



> Versions

G9: Dual band PMR446/LPD
G9E: PMR446

> Colour

Black/Mimetic Mossy Oak®

> Channels

Dual band: PMR446 8 + 16 saved/LPD 69
PMR446: 8 + 16 saved
Tones: 38 CTCSS + 104 DCS

- > **Double PTT button for high/low power:** battery charging can be optimised and high power transmission only used when necessary
- > **Emergency function:** pressing the "Emergency" button enables communication with all radios with the same function (G8-G9), even if tuned to different channels
- > **"Out of range" function:** press a button to check for other radios within range.



IPX5
WATERPROOF

> Specifications

- **Waterproof: IPX5**
- 12 cm antenna to make the most of the full radio transmission power
- Vox Talk Back function/Vox adjustable to 3 levels, 4 is that enabling Talk Back
- VIBRACALL function
- Keypad lock to prevent the accidental pressing of keys
- Auto power save: automatic battery saving circuit
- Low battery warning
- Dual Watch function
- SCAN function

- CALL button with 5 available tones
- Monitor button
- Roger Beep: end of call tone (can be deactivated)
- High-low power selection
- Backlit LCD display
- **2-pin accessory socket**
- **Compatible wall charger: MW904**

> Packs and Codes

Box with single radio, desktop charger with wall adapter, 4 rechargeable AA batteries (1800 mAh), belt clip
code C923 Version Dual band (PMR446/LPD)
code C923.01 Version E (PMR446 only)
code C923.03 Version Dual band Mimetic

Midland G11S

The semi-professional, versatile, high-performance radio.
Now with a short antenna



- > **The shorter antenna** guarantees the most convenient use whilst maintaining the high performance and range
- > **A hard wearing reliable radio** is assured by the die cast metal structure of this very attractive semi professional unit
- > **Simple and user-friendly:** the simple rotary control positioned near the antenna enables easy, user-friendly channel selection; the function available can be activated by simply using the two buttons to the side

> Version

PMR446

> Colour

Black

> Channels

8 + 8 pre-set sub-channels

Tones: 50 CTCSS + 105 DCS

> Specifications

- Output power: 500 mW
- Channel spacing: 12.5KHz
- VOX function (hands-free transmission)
- Channel scanning
- Function button beeps
- Roger beep
- Monitor
- TOT - Busy channel lock
- Battery saving
- **KENWOOD type 2-pin accessory socket**

> Packs and Codes

Box with single radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip
code C966.03



IPX5
WATERPROOF



Programming software PRG 10

code C974.01

Customisation of channels and frequencies (50 tones CTCSS and 105 DCS codes available for selection)
Activation/deactivation of specific functions

Midland G14

Hard-wearing and programmable, with "Emergency" function



- > **Lithium battery pack** to guarantee maximum performance and greater duration
- > **Scrambler function** to ensure secure, private communication at all times
- > **Programming software** to increase flexibility and radio functions

> Version

PMR446

> Colour

Black with red insert

> Channels

8 + 91 pre-recorded

Tones: 50 CTCSS + 105 DCS normal or inverted

> Specifications

- Scrambler function
- Scan all channels and priority scan
- Emergency function
- Adjustable squelch
- VOX (hands-free transmission)
- Busy channel (Busy Lock Out)
- Time-out Timer (TOT)
- Auto power save: automatic battery saving circuit
- High/low power
- Backlit LCD display
- Adjustable back-lit display with 3 possible colours
- Keypad lock to prevent the accidental pressing of keys
- Low battery indicator
- **KENWOOD 2-pin accessory socket**



Programming software PRG 14

code C902

Customisable transmission power. Channel and frequency customisation. Activation/deactivation of specific functions

> Packs and Codes

Box with single radio, desktop charger with wall adapter, rechargeable lithium battery pack (1200 mAh), belt clip
code C901

Midland 777

A little jewel of technology for everyday use



> Versions

Midland 777: Dual band PMR446/LPD

Midland 777E: PMR446

> Colour

Black

> Channels

Dual band: PMR446 8/LPD 69

PMR446: 8

Tones: 38 CTCSS

> Specifications

- Vibracall
- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- VOX adjustable to 2 levels, for hands-free communication
- Dual Watch
- CALL
- SCAN

- Monitor
- Roger beep: end of call tone
- High/low power
- Backlit LCD display
- **Power supply:** 650 mA lithium battery pack
- **1-pin 2.5 mm stereo accessory socket**
- **Compatible wall charger: MW905**



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Packs and Codes

Limited edition

Metal case containing pair of radios, 2 earpiece microphones, twin tabletop charger, twin wall charger, 2 650 mAh lithium batteries, belt clip, neck cord
code C724.20 version Dual band black
code C724.24 version E - black

> Packs and Codes

Blister pack with pair of radios, 2 earpiece microphones, twin desktop charger, twin wall charger, 2 650 mAh lithium batteries, belt clip, neck cords

code C724.19 version Dual band black

code C724.21 version Dual band white

code C724.22 version E - PMR446 only - black



Tourist Guide Radio

Midland 777TR & Multiple Charger Case 777TR

Designed for guides, with charging case for 30 receivers

Midland 777TR is the ideal solution by which to manage "group communication" during tour guides. The radios are mechanically locked to enable use **in reception only mode** and can only be configured before use. There are 8 channels available on the PMR446 band and 69 for the LPD, to manage more than one unit at no risk of interference. The 38 CTCSS tones can create new customised channels. The tour guide can use any PMR446/LPD radio to communicate with the group. **MIDLAND 777TR** is supplied in a pack of 50 pieces including belt clips, battery pack and neck straps.

Chargers are not included, but are on sale in two different solutions: **multiple charger case** or **dual desktop chargers**.

> **Multiple charger case 777TR:**

a practical Midland case that can charge up to 30 receivers at any one time; includes wall and car power lead.

> **Desktop charger 777TR 25pc:**

pack of 25 double desktop chargers, enabling the charging of 50 777TR receivers. The related wall power suppliers are also supplied.

> **Version**

Dual band PMR446/LPD

> **Colour**

Black

> **Channels**

PMR446 8/LPD 69

Tones: 38 CTCSS

> **Specifications**

(Other, see Midland 777)

- Dual band receiver
- Keypad lock



> **Packs and Codes**

Midland 777TR: Pack of **50 receivers**, belt clips, battery packs and neck straps.
code C724.27

Multiple Charger case 777TR: Rigid black suitcase to charge 30 Midland 777TR, car power lead (13.8V) and wall power lead (220 V).
code C922

Desktop charger 777TR 25pc: Pack of 25 double desktop chargers supplied with the related wall power supplies.
Code C921



Midland G12

PMR446 semi-professional, compact design



> **Version**

PMR446

> **Colour**

Black

> **Channels**

8 + 8 saved

Tones: 38 CTCSS+83 DCS

> **Specifications**

- Scrambler/ Vibracall
- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- Dual Watch
- SCAN/CALL
- Monitor
- VOX 3 levels, Roger beep: end of call tone

- High/low power
- Backlit LCD display
- Reception signal indicator
- **Power supply:** 3 AA batteries
- **2-pin accessories socket**
- **Compatible wall charger: MW905**

• **Packs and Codes**

Box with one radio, wall charger, 3 AA 1800 mAh Ni-MH batteries, belt clip
code C773

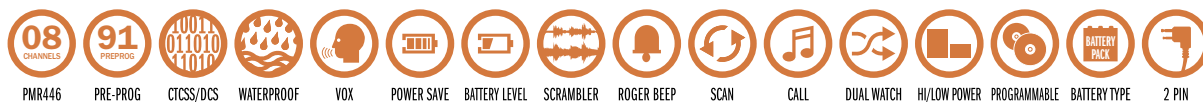
> **Programming software PRGG-12code C789**

Complete with serial lead for PCs.

Alan HP450 2A

Radio PMR/PMR446 for professional use

18



> Version

Dual band PMR/PMR446

> Colour

Black/Camouflage

> Channels

8 PMR446/91 pre-prog.
312 for programming
Tones: 38 CTCSS+83
DCS

> Specifications

- **Waterproof: IP67**
- MIL810, C, D, E, F
- Scrambler/Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator

- Dual Watch/Vox
- CALL with 5 different melodies/SCAN
- Adjustable monitor/Out of Range
- Roger beep: end of call tone
- High/low power
- Backlit LCD display
- Power supply: battery pack
- **2-pin accessory socket**

> Optional accessories

- **RC45 - G1066** Black quick desktop charger
- **BP4522 - G1068** Black rechargeable lithium 2200 mAh battery pack
- **BNC25 - G405** Antenna connector
- **Screw Driver G911** Screwdriver to screw in/unscrew the antenna connector

> Other accessories: p. 23-27

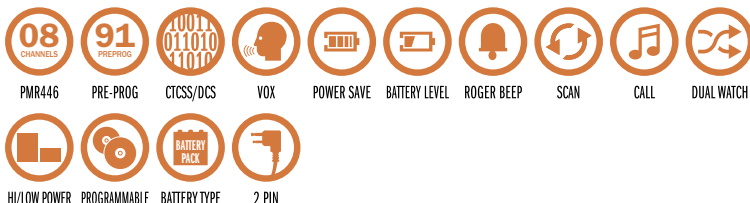
> Packs and Codes

Semi-rigid Eva case with single radio, double tabletop quick charger, wall charger, 1 2200 mAh Li-Ion battery pack, rigid polycarbonate case with clip for 360° rotation
code G1093.06



Alan HP446 Extrà

Solid and hard-wearing, ideal for professional use



> Version

ALAN 446 extrà:
PMR446

> Colour

Black

> Channels

PMR 446: 8 + 91 saved
Tones: 50 CTCSS+104
DCS

> Specifications

- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- Dual Watch
- CALL/ SCAN
- Monitor/ Vox
- Roger beep: end of call tone
- High/low power
- Backlit LCD display
- Time Out Timer (max. conversation duration)

- Busy channel lock out: blocks transmission when the channel is busy
- Power supply: battery pack
- 2-pin accessory socket

> Packs and Codes

Box with one radio, desktop charger, 1800 mAh Ni-MH battery pack, belt clip
code G815.07

Programming software:

PRG450 code G1069

Complete with USB connection lead for PCs

PRG05 for HP446extrà code G879

Complete with connection lead for PCs

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Base Camp446 “Emergency radio”

PMR446 radio and AM-FM radio receiver with charging dynamo for mobile telephone/iPod/MP3 and built-in LED torch. Ideal for camping, excursions and emergency situations



> Version

PMR446, AM/FM receiver, VHF marine receiver

> Colour

Metallic grey/black

> Channels

PMR446: 8 + 16 pre-programmed

> Specifications

- PMR446 transceiver
- VHF marine band receiver
- Radio-alarm with AM/FM reception
- SOS Morse signals
- Handheld microphone supplied
- LED torch



- Recharging dynamo
- USB socket for charging mobile telephone/iPod/MP3
- Rechargeable 6V battery pack supplied
- Also runs on alkaline batteries
- **2-pin accessory socket**
- **Compatible wall charger: MW904**

> Packs and Codes

1 radio, adapter, 800mAh battery pack, shoulder bag, 2-pin microphone and 12V charger.

code C838

Base 446

The PMR446 base station to communicate with groups of people and for work



> Version

PMR446

> Colour

Black

> Channels

8

Tones: 38 CTCSS

> Specifications

- Telescopic antenna
- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- **VOX** adjustable to 3 levels, for

hands-free communication

- **Dual Watch**
- **CALL** with 10 different melodies
- **SCAN**
- **Monitor**
- Roger beep: end of call tone
- Backlit LCD display
- **Power supply:** 9V battery or 220V mains power supply
- **1-pin 3.5 mm stereo accessory socket** - The C651 adaptor (from 1-pin to 2-pin) must be used to connect any accessories

> Packs and Codes

Box with one radio complete with 220 V wall power supply
code G969

Technical specifications



Model	Midland G5 XT	Midland G6 XT	Midland M99
Band	PMR446	PMR446	PMR446
Channels	8 + 16 pre-programmed	8 + 40 pre-programmed	8+91 programmed
CTCSS and DCS	38 CTCSS	38 CTCSS	38 CTCSS
Vox	3 sensitivity levels + talk back	3 sensitivity levels + talk back	2 sensitivity levels
Power supply	3 rechargeable AAA Ni-MH batteries	600 mAh battery pack or 4 rechargeable or alkaline AAA batteries (optional)	rechar. battery pack 600mAh
Battery life 5/5/90	Up to 35 hours with alkaline batteries	12 hours with 600 mAh battery pack	12 h
Display	Multifunction back-lit LCD	Multifunction back-lit LCD	Multifunction back-lit LCD
Transmission power	500 mW ERP	500mW ERP	PMR446 500mW
Operating temperature	-20° +55°C	-20° +55° C	-20° +55°C
Weight	74 g	95 g (excluding batteries)	95 g
Dimensions (WxHxD)	50x85x25 mm	55x100x28 mm	58x160x28
Connections	Socket for audio accessories, charger	Socket for audio accessories and charger	Socket for audio accessories and charger
Accessory socket type	2-pin	2-pin	2-pin
Compatible wall charger	MW904	MW904	MW904



Model	Midland G7XTR/G7XTR Mimetic	Midland G8/G8E-BT	Midland G9/G9 Mimetic
Band	PMR446-LPD (Dual band)/PMR446 only	PMR446-LPD (Dual band)/PMR446 only	PMR446-LPD (Dual band)/PMR446 only
Channels	8 PMR446/69 LPD - Vers. E 8 PMR446	8 PMR446+16 progr/69 LPD Vers. E 8 PMR446+16 prog.	PMR446+16 progr/69 LPD Vers. E 8 PMR446+16 programmed
CTCSS and DCS	38 CTCSS	38 CTCSS, 104 DCS	38 CTCSS, 104 DCS
Vox	2 sensitivity levels	3 sensitivity levels + talk back	3 sensitivity levels + talk back
Power supply	800 mAh battery pack or 4 rechargeable AA batteries	800 mAh battery pack or 4 recharg. or alkaline AAA batteries (optional)	4 recharg. batteries AA 1800mAh or 4 alkaline AA batteries (optional)
Battery life 5/5/90	Up to 18 hours with battery pack 800mAh	12 h with 800 mAh battery pack	23 h with 4 1800 mAh batteries
Display	Multifunction back-lit LCD	Multifunction back-lit LCD	Multifunction back-lit LCD
Transmission power	PMR446 500/10mW ERP (high/low) LPD 10mW	PMR446 500/10mW ERP (high/low) LPD 10mW	PMR446 500/10mW ERP (high/low) LPD 10mW
Operating temperature	-20° +55°C	-20° +55°C	-20° +55°C
Weight	123 g	114 g (excluding batteries)	114 g (excluding batteries)
Dimensions (WxHxD)	58x122x34 mm	58x110x32mm	68x120x35mm
Connections	Socket for audio accessories and charger	Socket for audio accessories, charger and intercom	Socket for audio accessories and charger
Accessory socket type	2-pin	2-pin	2-pin
Compatible wall charger	MW904	MW904	MW904



Model	Midland G11S	Midland G14	Midland 777/777 TR	Midland G12
Band	PMR446	PMR446	PMR446-LPD (Dual band)/ PMR446 only	PMR446
Channels	8+8 pre-set sub-channels	8 + 91 pre-programmed	Dual band 8 PMR446/69 LPD vers. E 8 PMR446	8 + 8 pre-programmed
CTCSS and DCS	50 CTCSS, 105 DCS	50 CTCSS, 105 DCS	38 CTCSS	38 CTCSS, 83 DCS
Vox	9 sensitivity levels	3 sensitivity levels	2 sensitivity levels	3 sensitivity levels
Power supply	rechar. battery pack Li-Ion 1600mAh	Li-Ion 7.4V (1200mAh) battery pack	Lithium 3.7V (650mAh) battery pack	1800 mAh NiMH battery pack or 3 rechargeable AA or alkaline batteries (optional)
Battery life 5/5/90	22 h with batt. pack 1600mAh	14 hours with 1200 mAh battery pack	Up to 21 hours with 650 mAh battery pack	More than 28 hours with battery pack
Display		Multifunction back-lit LCD	Multifunction back-lit LCD	Multifunction back-lit LCD
Transmission power	500 mW	selectable: High (~500mW ERP) or Low (~10mW ERP)	PMR446 500/10mW ERP (high/low) LPD 10mW	500/10mW ERP (high/low)
Operating temperature	-20° +55°C	-20° +55°C	-20° +55°C	-20° +55°C
Weight	209 g (including battery)	203 g (including batteries)	58 g	115 g
Dimensions (WxHxD)	58x112x34mm	50x100x33mm (excluding antenna)	42x86x16 mm	52x121x32 mm
Connections	Socket for audio accessories and charger	Socket for audio accessories	Socket for audio accessories, wall charger	Socket for audio accessories, charger
Accessory socket type	Kenwood 2-pin	Kenwood 2-pin	1-pin - 2.5 mm stereo	2-pin
Compatible wall charger	desktop charger only	desktop charger only	MW904	MW905/MWG5



Model	Alan HP450 2A	Alan HP446 Extra	Base Camp 446	Base 446
Band	PMR/PMR446	PMR446	PMR446	PMR446
Channels	8 + 91 pre-programmed	8+91 pre-programmed	8 + 16 pre-programmed	8
CTCSS and DCS	38 CTCSS, 83 DCS	50 CTCSS, 104 DCS	38 CTCSS, 83 DCS	38 CTCSS
Vox	2 sensitivity levels	2 sensitivity levels	3 sensitivity levels + talk back	3 sensitivity levels
Power supply	2200 mAh battery pack	1300 mAh battery pack	800 mAh battery pack, recharges by means of dynamo or AC/DC wall charger	1 9V alkaline battery - wall powered
Battery life 5/5/90	29 hours with battery pack	26 hours with battery pack	12 hours with 800 mAh battery pack	-
Display	Multifunction back-lit LCD	Multifunction back-lit LCD	Multifunction back-lit LCD	Multifunction back-lit LCD
Transmission power	500 mW ERP (high/low level)	500 mW ERP (high/low level)	selectable: High (~500mW ERP) or Low (~10mW ERP)	500 mW ERP
Operating temperature	-20° +55°C	-20° +55°C	-20° +55°C	-20° +55°C
Weight	180 g (excluding battery)	365 g	563 g (excluding batteries)	270 g
Dimensions (WxHxD)	54x113x35 mm	62x133x40 mm	120x180x55 mm	140x45x110 mm
Connections	Socket for audio accessories	Socket for audio accessories	Socket for audio accessories, USB socket for charging	Socket for audio accessories, external power supply
Accessory socket type	2-pin	2-pin	2-pin	1-pin - 3.5 mm stereo
Compatible wall charger	desktop charger only	desktop charger only	MW904	supplied

Action line accessories

Earpiece accessories devoted to Softgunners

Action Line accessories stand out for their hard-wearing design, technical specifications, practicality and quality of materials. **The Action Line is not compatible with Vox functions**

Microphone with arm and tactical PTT



BOW M-Tactical - C1046



BOW M-Tactical K - C1046.01
(Kenwood type)



Microphone with adjustable arm and tactical PTT



ABM Tactical - C855



Action throat mike with tactical PTT and acoustic tube earphone



ATM Tactical - C857



Earpiece microphone with standard PTT



A21M - C858



Earpiece microphone with adjustable arm and PTT



ABM - C856



Earpiece 3.5 mm jack socket (Not compatible with Midland 777)



EP21 - C859

listening
only
G7/G9 etc.





"Save Phace" tactical masks

Brand new, brightly coloured masks devoted to **Soft Air enthusiasts now finally available in Italy.** These are the **only versions tested and approved for** Simunition (non-lethal-on-force), Soft Air, Paintball and UMT training.

Practical, convenient and functional, they guarantee **excellent protection levels.** The interior part around the eyes is in removable, washable RWI sponge. The lenses comply with ANSI and ASTM Paintball standards for impact resistance, luminosity and optical clarity.

Diss series



Jungle Justice - C1058



OSC - C1058.01



Jungle Intimidator - C1058.02



Phantom - C1058.03



Scar Phace - C1058.04

Dope series



Voodoo Magic - C1058.05



Diablo - C1058.06



Ghost Stalker - C1058.07



War Lord - C1058.15



Boo - C1058.17

Marks-a-lot series

OU812 series



Flesh Phace - C1058.09



Carnage - C1058.10



Lazarus - C1058.11

So-Phat series



War Lord - C1058.15



Boo - C1058.17



Digi - C1058.18

> Specifications shared by all models:

- Polycarbonate thermal lens with AF/AS/UV filters
- Material: highly-resistant plastic; interior: "plush" treated sponge.
- Rear band adjustable using "Sure Grip" technology to ensure maximum mask stability

> Diss series

- Included: front protection and visor (sponge cannot be removed)

> Dope series

- Included: front protection and visor (sponge cannot be removed)
- Exclusive "AWESOME Custom SP" design

> OU812 series

- Included: Visor and mask-holding bag

> Marks-a-Lot series

- In a neutral colour, all black or white, it can be painted and coated using airbrushing techniques
- Included: front protection and mask-holding bag

> So-Phat series

- Included: Included: visor, front protection, 1 clear lens and 1 coloured replacement to customise the mask at whim and mask-holding bag

Accessories

Microphone with adjustable earpiece and PTT, with curly cord



MA 21-L C709.03



MA 21-SX C709.02



MA 21-LK C709.04



Microphone with adjustable earpiece and PTT, with curly cord



MA 21-K - C843



Handheld speaker microphone with PTT



MA22-K - C844



Speaker microphone with volume control and earpiece socket



MA 26 - L - C515.01



Speak/listen microphone with VOX/PTT



MA 24-L - C517.02



Speak/listen microphone



MA 28 - L - C559.03



MA28-G5 - C559.01
(except Alan421
G5XT)



Microphone with adjustable arm



MA 30 - L - C648.03



Microphone with pneumatic earpiece



MA31 - C732



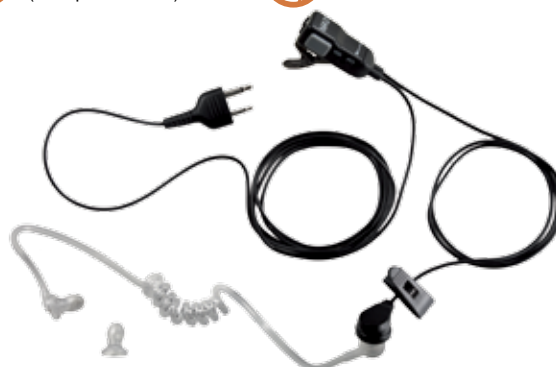
MA31 - L - C732.03



MA31SX - C732.02
(except Alan421)



MA31-LK - C732.04



Headphone with microphone



MA 35 - L - C652.02



Microphone with arm



AE30 - C851



Bluetooth® adapters

Connected to a transceiver with a 2-pin socket, they add the Bluetooth® function, enabling the use of wireless accessories, compatible with Bluetooth standard (such as, for example, earpieces for mobile telephones, Bluetooth motorcycle intercoms such as BTCity, etc.).

> Technical specifications

- Bluetooth Standard 2.0 (mono audio)
- Max. communication distance: approx. 10 m
- Waterproof PTT button
- Rechargeable lithium 360 mAh battery
- Battery duration during conversation: approx. 10 hours
- Battery duration on stand-by: approx. 1 week
- Cable length: 1.5 m (not pulled out)



BPA 200 - C900

230V wall charger with 2-pin adapter



BPA 100 G-K - C804.02

230V wall charger with Kenwood 2-pin adapter



BPA 200



BPA 100 G-K

Throat microphone with earphone, PTT and finger PTT



AE38 - C823



Neck collar

Radio accessory to listen and speak during sports and recreational activities, fitted with PTT positioned on the neck collar and the earpiece



MA-NC1 - C983

Neck Collar with earpiece and PTT (compatible with Midland 777)



MA-NC2 - C983.01

Neck Collar with earpiece and PTT (compatible with Midland G5XT, G6, G6XT, series G7, G8 and G9)



Accessory socket adapter

C829

To ensure the compatibility of all equipment with 1-pin - 2.5 mm stereo equipment with 2-pin accessories (e.g.: Midland G5/777)

C651

To ensure the compatibility of all equipment with 1-pin - 3.5mm stereo equipment with 2-pin accessories (e.g.: Alan507)



Bluetooth® throat microphone with earpiece

Midland BT Sport - C850.01 Medium

This exploits the principle of the vibration of the larynx for clear, clean communication even in the most extreme conditions. Suitable for use in particular conditions such as sports or recreational activities (bicycle, motorcycle, excursions). Can be used both as a telephone responder and combined with a transceiver with built-in Bluetooth® or with any transceiver equipped with the Bluetooth BPA200 accessory.



Motorcycle rider kit

MA46 is a speaker microphone kit that can be self installed into your helmet and then plugged into a transceiver to give you bike to bike communication. It comes with a remote **Press to Talk button** which can be fitted to the handlebars using the velcro strip provided allowing the rider to transmit via the radio unit. If you wish an intercom facility with your pillion then you can use the **Midland G8** with the **BHS 300** adaptor together with a **CHS300** or **OHS500 headset**. **NB** Rider to Pillion intercom is always in **full duplex mode** whilst Bike to Bike comms are simplex via the PTT button.



MA46 - C660

Audio kit with microphone (compatible with all 2-pin equipment except for the Midland G12, Alan 42) NOT COMPATIBLE WITH CHS300, OHS550, OHS500, BHS300, BHS301, BHS303 (see p. 74)



Antennas

G7 Flex - C646.01

with adapter - Length: 35 cm

Compatible with: Midland line G7, G8, G9, G14, G11

R72770

Short antenna

Compatible with: Midland G11, G14

R73197

Compatible with: Midland G11, G14



G7 line desktop chargers

CA-ATL/G7 - C785

Dual charger



HP446 extra desktop chargers

RC05 - C663.02

Quick charger



HP450 2A desktop chargers

RC45 - G1066

Quick charger



Rechargeable batteries

PB G6/G8 - C881

800mAh Ni-MH

Compatible with: Midland G8, Midland G6



PB-ATL/G7 - C784

800mAh Ni-MH

Compatible with: Midland G7, G9 line



PB-G11 - C967

Lithium 1600mAh

Compatible with: Midland G11



PB-777 - C783

3.7 V 650 mAh lithium

Compatible with: Midland/Alan 777 line



BP 0518 - G811.03

1800mAh Ni-MH

Compatible with: HP446 Extra



BP 4522 - G1068

Lithium 2200mAh

Compatible with: HP450 2A



12V adaptor kit for desktop chargers

AL-DTC - C981

Compatible with:

Midland series G7, Midland G8, G9, G11, G14



Cigarette lighter power lead

AL777 - C803

Compatible with:
line Midland/Alan777, K1,
Midland G5, Midland G12

ALG7 - C814

Compatible with:
line Midland G9, G8, G7, G6, G5XT,
Base Camp446, 445BT, Alan445 Sport



Rotating clip for Midland 777

C1029



Wall chargers

MW905 - C887

Compatible with: Midland/Alan777, Midland G12

MW-G5 - C741

Compatible with: Midland G5, K1, Midland G12,
Midland/Alan777

MW904 - C689

Compatible with: Midland G9, G7XT, G6XT,
G5XT, Base Camp446, 445BT, Alan445
Sport, 441, 443 LPD: Alan860



Rechargeable adapters

C827

Adapter to recharge battery pack only (without
radio)

Compatible with: Midland G7



C828

Adapter to recharge battery pack only (without
radio)

Compatible with: Midland G12



Waterproof case

CC ATL /G7 WP - C826

Compatible with:
Midland G8, G7, G6, Alan 445 Sport, Midland 445BT



Car kit for handheld transceivers

Two way radio car kit - C982

Pack contains: handheld
microphone, dashboard
microphone holder, car charger,
adapter for the simultaneous
use of the microphone and
charger, belt clip with screw
mount, suction pad mount for
cars

Compatible with: Midland
series G7, G8 and G9 (2-pin
connector)



Kit for fastening to motorcycle handlebar

Kit 161

Compatible with: Midland series G7, G8
and G9



Emergency charger

Emergency Charger - C920

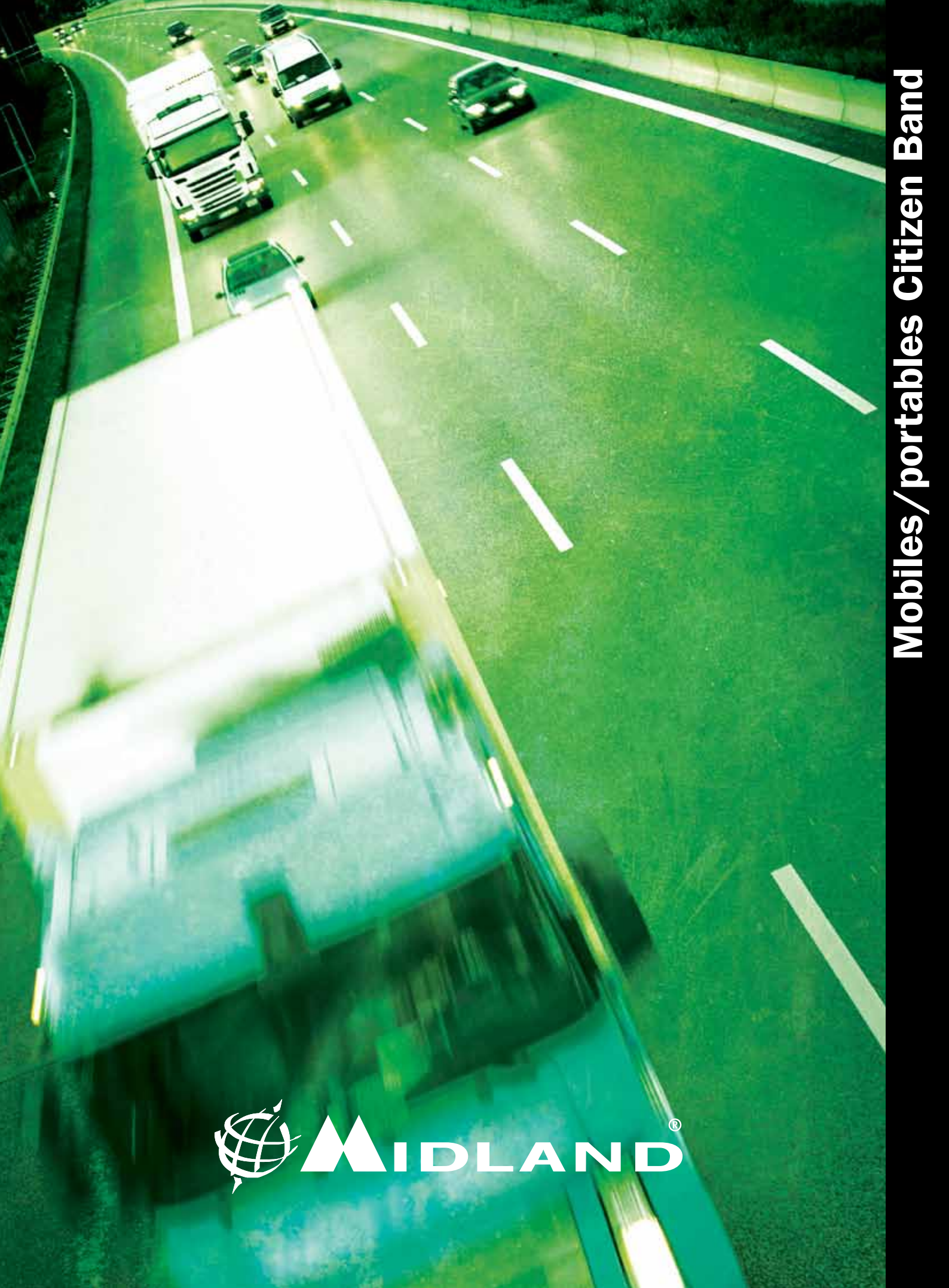
The Midland Emergency Charger is a portable charger for any electrical equipment fitted with a mini-USB socket and, thanks to the adapter cables supplied in the pack, also fits a great many different mobile telephone models.

Simply insert an AA battery into the charger and connect the mini-USB lead to the devices to be recharged!

Its compact design and the various different leads enable the user to carry it with him at all times for use on any occasion. For maximum performance, we recommend using a **lithium battery**, although **it also works with alkaline AA battery**.

The pack contains: a portable Midland Emergency Charger, 4 charging cables (extra-long USB lead, mini version Nokia charging lead, standard Nokia charging lead, Motorola charging lead).



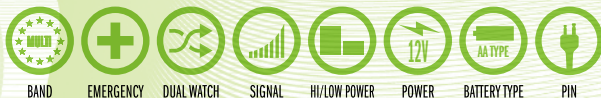


Mobiles/portables Citizen Band



Alan 42 Multi

the high performance compact CB transceiver



Alan 42 Multi is a portable CB device giving the option of choosing any European CB band by means of a simple, user-friendly procedure. The equipment is supplied set to the "EC" CEPT 40CH FM 4W band. The external socket is compatible with all 2-pin accessories and is positioned at the top of the device.

> Specifications

- **Band: Multi** (see p. 36)
- Power: 1W/4W depending on the country
- Emergency channel (EMG)
- Keypad lock (LOCK)
- Battery state indicator
- High-lower power (H-L)
- Display back-lighting button
- AM-FM command selection
- SCAN function, Dualwatch
- Antenna socket: BNC
- Powered by 8 AA batteries or 12 V
- **2-pin accessory socket**

EXPORT VERSION: 400CH



> Packs and Codes

1 radio, wall charger for 8 style battery pack, empty battery pack for 6 styles type alkaline AA, empty battery pack for 8 type AA styles for rechargeable batteries with charging socket, adapter for car use with external SO 239 antenna socket, scratch-resistant case, antenna, belt clip, wrist strap

C480.13

> Optional accessories

Rechargeable battery pack

PB E42 - C602

Empty battery pack to charge 8 type AA styles (not included)



Spare antennas

Ant 42 - C611

Antenna

CB Flex B- C394

Antenna flex 53 cm



Car adapter with socket for external antenna S0239

R17363



Alan 42 is compatible with all 2-pin accessories from the PMR446/Dual band* section (p. 25-28)

* excepting MA46/Kenwood accessories

Midland 278 DS

NEW



Midland 278 DS has the important, innovative specific feature of being micro processor controlled. Midland 278DS is tuned in frequency by means of the PLL circuit, a solution that uses quartz to generate the frequencies requested, enabling greater reliability and flexibility in their control. **Midland 278 DS** is also fitted with a **"NOISE BLANKER"** device (dynamic disturbance suppressor), **ANL** function (analogic disturbance suppressor) that can considerably reduce audio disturbance, facilitating listening even when the signal is disturbed and **Automatic Digital Squelch** circuit.

> Specifications

- **Band: Multi** (see p. 36)
- Noise Blanker System
- ANL (analogic disturbance suppressor)
- White back-lit multifunction display
- Lit buttons
- Quick channel selection: Quick Up/Down
- Scan - Squelch - Automatic Squelch
- Emergency channel

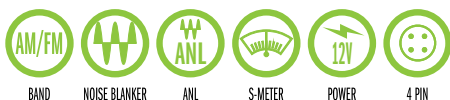
- Compact "Precision series" microphone with Up/Down/Lock buttons
- External S. Meter socket
- **6-pin microphone connector**

> Packs and Codes

1 radio, microphone, fixing screws, mounting bracket and power lead
code C880.03

Alan 48 - 40 channels

The top selling 40-channel CB since 1986!!!



> Specifications

- **Band: AM-FM**
- Noise Blanker System
- MIC Gain: microphone gain control to ensure modulation that is always perfect
- RF Gain: command to vary antenna pre-amplifier gain as desired
- FIL: command to adjust the intonation of the signal received
- ANL: automatic noise limiter
- Squelch

- PA: by using this switch, the equipment changes into a low frequency amplifier (with supplementary speaker)
- Blue lit front
- **Microphone connector: 4-pin**

> Packs and Codes

1 radio, microphone, mounting bracket, fixing screws
code C217.02

Alan 199-A - 40 channels

Alan 199-A is a compact vehicle CB that works in AM mode. Simple and easy to use, the **Alan 199-A** enables the selection of output power and can therefore be used in all European countries permitting AM regulations.



> Specifications

- **Band: AM**
- Display with channel display
- Up/down buttons
- Squelch
- Emergency channel 9-19
- External speaker socket
- **5-pin microphone connector**

> Packs and Codes

1 radio, microphone, mounting bracket,
fixing screws
code C702



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Alan 100 Plus B - 40 channels

Alan 100 Plus B is a compact device with essential functions and that is very simple to use. The practical, separate volume and squelch commands help obtain optimal reception, whilst the condenser microphone supplied guarantees excellent audio.



> Specifications

- **Band: AM-FM**
- Emergency channels 9-19
- Channel display
- Up-Down buttons
- Squelch
- Transmission and reception LED
- External speaker socket
- **4-pin microphone connector (Alan 100 Plus B)**

> Packs and Codes

1 radio, microphone, mounting bracket, fixing screws
code C442.09



Midland 203

Midland 203 plus is a new low cost multi band mobile CB with great features and the latest in technical specifications: the PLL enables a precise control of frequencies and greater stability on all channels, with separate scan controls upwards and downwards; the ceramic filters protect from interference by adjacent channels.



> Specifications

- **Band: Multi** (the following bands only: I-EU-PL-D3, see p. 36)
- Channel display: shows the channel number used
- "AM/FM" switch
- Squelch
- CH 9-19 switch: enables immediate positioning on emergency channels 9 or 19
- Compact microphone



- External speaker socket
- **4-pin microphone connector** (R51504, see p. 41)

> Packs and Codes

1 radio, microphone, fixing screws, mounting bracket and power lead
code C972

Alan 78 Plus Multi B

Alan 78 Plus Multi B is a multi-band CB that stands out for its compact dimensions and ease of use. Any European CB band can be selected, enabling it to be used in all European Community countries.



> Specifications

- **Band: Multi** (see p. 36)
- Power: 1W/4W depending on the country
- Blue back-lit multifunction display
- "Precision series" microphone with UP/DOWN/LOCK buttons
- Squelch
- External speaker socket
- External S-meter socket
- SCAN function
- **6-pin microphone connector**

> Packs and Codes

1 radio, microphone, mounting bracket, fixing screws
code C423.15



Alan 48 Plus Multi B

Alan 48 Plus Multi B is a quick and easy to use vehicle CB that enables the selection of any European CB band, meaning that it can be used in all European Community countries.



> Specifications

- **Band:** Multi (see p. 36)
- Power: 1W/4W depending on the country
- Blue back-lit multifunction display
- "Precision series" microphone with UP/DOWN/LOCK buttons
- Squelch
- RF Gain: microphone amplification
- MIC Gain: sensitivity control in RX
- 4 memory positions
- Emergency channel
- SCAN function
- Dual watch function
- External S-meter socket
- Ext. speaker socket
- **Microphone connector:** 6-pin



> Packs and Codes

1 radio, microphone, mounting bracket, fixing screws
code **C422.15**

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Midland 220

Midland 220 is a multi band Din sized mobile CB with a forward facing speaker. It has all the features needed plus a **7 colour LCD display** giving a clear image in all conditions. **The high technical specification includes the latest in noise suppression with our ESP2 filter.** Commands are very visible and easily reached, whilst the LCD display guarantees excellent legibility in all conditions, also thanks to the possibility of choosing up to 7 different colour variants.



> multi-colour LCD examples



> Specifications

- **Band:** Multi (see p. 36)
- DIN dimension
- Front speaker
- ESP2 filter for noise reduction
- Multi-colour (7 colours) LCD display
- 2 memory positions
- Emergency channel
- **Dual viewing mode (channel/frequency)**
- Mic Gain: microphone amplification control in TX
- RF Gain: sensitivity control in RX
- Squelch
- Mic up/down
- **Microphone connector:** 6-pin



> Packs and Codes

1 radio, microphone, fixing screws, mounting bracket, **dashboard and frame for DIN dashboard** and power lead
code **C860**

Midland 248

Midland 248 has the latest in Hi-spec processor control allowing many features to be included. **Midland 248** is tuned in frequency by means of the PLL circuit, a solution that uses quartz to generate the frequencies requested, enabling greater reliability and flexibility in their control. **Midland 248** is also fitted with a **"NOISE BLANKER"** device (dynamic disturbance suppressor) that can reduce audio disturbance (up to 95%), facilitating listening even when the signal is disturbed.



> Specifications

- **Band: Multi** (see p. 36)
- Noise Blanker System
- Blue back-lit multifunction display
- Lit buttons
- 4 memory positions
- RF Gain: sensitivity control in RX
- Mic Gain: microphone amplification control in TX
- Quick channel selection: Quick Up/Down
- Scan - Dual Watch - Squelch
- Emergency channel
- Compact "Precision series" microphone with Up/Down/Lock buttons
- External S. Meter socket
- **6-pin microphone connector**



> Packs and Codes

1 radio, microphone, fixing screws, mounting bracket and power lead
code C879

Midland 248 XL

Midland 248 XL is fitted with "ESP2" and "NOISE BLANKER" devices (dynamic disturbance suppressors) that can reduce audio disturbance (up to 95%), facilitating listening even when the signal has interference. **Midland 248 XL** is fitted with an analogue S-Meter for the convenient display of power transmitted and signal received.



> Specifications

- **Band: Multi** (see p. 36)
- **ESP 2:** dynamic disturbance suppressor
- Noise Blanker System
- Blue back-lit multifunction display
- Lit buttons
- 5 memory positions
- RF Gain: sensitivity control in RX
- Mic Gain: microphone amplification control in TX
- Quick channel selection: Quick up/down
- Scan - Dual Watch - Squelch
- Emergency channel
- Compact "Precision series" microphone with Up/Down/Lock buttons
- External S. Meter socket
- **6-pin microphone connector**
- **12V power supply**



> Packs and Codes

1 radio, microphone, fixing screws, mounting bracket and power lead
code C892

Alan 8001 XT - 40 channels

MIDLAND presents the new, technologically "updated" version with SMD components, of its famous AM/FM/SSB transceiver.

Alan 8001 XT is the ideal communication instrument for long distance connections.



> Specifications

- **Band: AM/FM/SSB**
- Power: AM/FM 4W, SSB 12W
- Dual viewing mode (channel/frequency)
- Microphone with UP/DOWN/LOCK buttons
- 5-figure frequency meter
- Automatic NB/ANL
- Instrument: signal/power/ROS
- Mic Gain: microphone amplification control in TX
- Antenna pre-amplifier
- Pre-prepared for ECHO
- Roger Beep/Clarifier/Rosmeter
- Ext. speaker socket
- **Microphone connector: 4-pin**

> Packs and Codes

1 radio, microphone, mounting bracket, fixing screws
code C1003

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> Table of channels/power/band for multi equipment

Code	Country	Frequencies
I	Italy 40 CH AM/FM 4 Watt	26.965-27.405
I2	Italy 34 CH AM/FM 4 Watt	26.875-27.265
D3	Germany 80 CH FM 4 Watt 40 CH AM 1 Watt	26.565-27.405
D4	Germany 80 CH FM 4 Watt 40 CH AM 4 Watt	26.565-27.405
EU	Europe 40 CH FM 4 Watt 40 CH AM 1 Watt	26.965-27.405
EC	CEPT 40 CH FM 4 Watt	26.965-27.405
E	Spain 40 CH AM/FM 4 Watt	26.965-27.405
F	France 40 CH FM 4 Watt / 40 CH AM 4 Watt	26.965-27.405

PL	Poland 40 CH AM/FM 4 Watt	26.960-27.400
UK	England 40 CH FM 4 Watt + EC (40 CH FM 4Watt CEPT)	27.60125-27.99125 + 26.965-27.405
UKE	England 40 CH FM 4 Watt (only Alan 121 and Midland 220)	27.60125-27.99125
UKC	40 CH FM 4 Watt CEPT (only Alan 121 and Midland 220)	26.975-27.405

EXPORT VERSION

RU	Russia 400 CH AM/FM 4 Watt	25.615-30.105
PX	Poland 400 CH AM/FM 4 Watt Polish frequencies	25.610-30.100
SW	Sweden 24 CH FM 4 Watt 31 MHz	30.930-31.570

Technical specifications



Model	Alan 42 Multi	Midland 278 DS	Alan 48
Type	Portable multi-band CB	Vehicle multi-band CB	Vehicle AM-FM CB
General			
Channels/Bands	see multi equipment table	see multi equipment table	40 AM -40 FM
Frequency range	26,565 MHz-27.99125 MHz	26,565 MHz-27.99125 MHz	26.965 - 27.405 MHz
Power supply voltage	12.6 V DC \pm 10%	12.6 V DC \pm 10%	12.6 V DC \pm 10%
Dimensions (WxHxD)/weight	70 x 140 x 30 mm/220 g (- batt)	180 x 140 x 35 mm/0,850 g	165 x 58 x 205 mm/1,5Kg
Mic. connector	2-pin	6-pin	4-pin
Receiver			
Sensitivity for 20dB SINAD	1.0 μ V (AM), 0.55 μ V (FM)	0,5 \pm 1 μ V	0,5 \pm 1 μ V
Audio output power	0.5W@8 Ω	> 2W max	3W max
Audio distortion	3%@1KHz	< 8%@1KHz	< 5%@1KHz
Transmitter			
Output power	4W	4W	4W
Modulation	AM 90% \pm 5% / FM 2KHz	FM: 1,8 KHz \pm 0,2 KHz AM: da 85% a 95%	AM100%, FM: 2KHz
Max. current absorbed	900mA	2500mA	1100mA



Model	Alan 199A	Alan 100 Plus B	Midland 203 Plus
Type	Vehicle AM CB	Vehicle AM-FM CB	Vehicle multi-band CB
General			
Channels/Bands	40 AM	40 AM -40 FM	see multi equipment table
Frequency range	26.965 - 27.405 MHz	26.965 - 27.405 MHz	26,565-27,405 MHz
Power supply voltage	12.6 V DC \pm 10%	12.6 V DC \pm 10%	12.6 V DC \pm 10%
Dimensions (WxHxD)/weight	124 x 38 x 190 mm/1.2 kg	124 x 38 x 190 mm/1.2 kg	124x38x190 mm/1.2 kg
Mic. connector	5-pin	4-pin	4-pin
Receiver			
Sensitivity for 20dB SINAD	< 1.0 μ V	< 1.0 μ V	< 1.0 μ V
Audio output power	> 2W max	> 2W max	4 W max
Audio distortion	< 8% @ 1KHz	< 8% @ 1KHz	less than 8% @ 1KHz
Transmitter			
Output power	1W/4W AM	100 Plus B: 4W AM-FM	4 W
Modulation	AM: 90%	AM: 90%, FM: 2KHz	FM: 1,8 KHz \pm 0,2 KHz AM: da 85% a 95%
Max. current absorbed	1100mA	1100mA	1100mA



Model	Alan 78 Plus Multi B	Alan 48 Plus Multi B	Midland 220
Type	Vehicle multi-band CB	Vehicle multi-band CB	Vehicle multi-band CB
General			
Channels/Bands	see multi equipment table	see multi equipment table	see multi equipment table
Frequency range	26.565 - 2799125 MHz	26.565 - 2799125 MHz	26.565 - 2799125 MHz
Power supply voltage	12.6 V DC \pm 10%	12.6 V DC \pm 10%	12.6 V DC \pm 10%
Dimensions (WxHxD)/weight	180 x 35 x 140 mm/0.850 kg	180 x 50 x 150 mm/1 kg	170 x 52 x 170 mm/1.020 kg
Mic. connector	6-pin	6-pin	6-pin
Receiver			
Sensitivity for 20dB SINAD	0.5 μ V \pm 1 μ V	0.5+1 μ V	0.5+1 μ V
Audio output power	> 2W @ 8 Ohm	> 3W @ 8 Ohm	> 3W @ 8 Ohm
Audio distortion	less than 8% @ 1 KHz	less than 8% @ 1KHz	less than 8% @ 1KHz
Transmitter			
Output power	4W	4W	4W
Modulation	AM: 85% a 95% FM: 1.8 KHz \pm 0.2 KHz	FM: 1.8 KHz \pm 0.2 KHz AM: da 85% a 95%	FM: 1.8 KHz \pm 0.2 KHz AM: da 85% a 95%
Max. current absorbed	1100mA	1100mA	1100mA



Model	Midland 248	Midland 248 XL	Alan 8001 XT
Type	Vehicle multi-band CB	Vehicle multi-band CB	Vehicle AM-FM-SSB CB
General			
Channels/Bands	see multi equipment table	see multi equipment table	40 CH/AM/FM/USB/LSB
Frequency range	26,565-27.99125 MHz	26,565-27.99125 MHz	26.965 - 27.405 MHz
Power supply voltage	12.6 V DC \pm 10%	12.6 V DC \pm 10%	12.6 V DC \pm 10%
Dimensions (WxHxD)/weight	180x50x150 mm/1 kg	150x45x175 mm/1 kg	200x60x235 mm/1.9 kg
Mic. connector	6-pin	6-pin	4-pin
Receiver			
Sensitivity for 20dB SINAD	0.5 μ V (AM/FM)	0.5 μ V (AM/FM)	SSB: 0,25 μ V per 10 dB (S+N)/N; AM: 0,6 μ V per 20 dB (S+N)/N; FM: 0,6 μ V per 20 dB (S+N)/N
Audio output power	> 3W @ 8 Ohm	> 3W @ 8 Ohm	4 watt@ 8 ohm
Audio distortion	less than 8% @ 1KHz	less than 8% @ 1KHz	less than 8% @ 1KHz
Transmitter			
Output power	4 W	4 W	SSB: 12W - FM: 4W - AM: 4W
Modulation	FM: 1,8 KHz \pm 0,2 KHz AM: da 85% a 95%	FM: 1,8 KHz \pm 0,2 KHz AM: da 85% a 95%	FM: 1,8 KHz \pm 0,2 KHz AM: da 85% a 95%
Max. current absorbed	2500mA	2500mA	2500mA

Accessories

Speakers



Midland 70-2355T code C733

Also suitable
for outdoor use



AU 20 code T775



AU 25 code T681



AU 30 code T682



EH 800 code P348

Also suitable
for outdoor use

Specifications	Midland 70-2355T	AU 20	AU 25	AU 30	EH 800
Impedance	3.2 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms
Rated power	2 W	2 W	3 W	7 W	-
Maximum power	20 W	5 W	5 W	12 W	10 W
Size in mm	123x123x62	65x55x65	100x60x60	110x140x60	90x85x110

Switching power supplies

The new power supplies protected from short-circuit that can be used for radio applications and in electronics laboratories.



K45S - code C1024



K75S - code C1025



K105S - code C1026

Specifications	K45S	K75S	K105S
Input voltage	230V AC-50Hz	230V AC-50Hz	230V AC-50Hz
Output voltage	13.8V DC	13.8V DC	13.8V DC
Rated output current	3A	7A	10A
Peak current	5A	9A	12A
Size	75 x 111 x 177mm	102 x 150 x 223mm	102 x 152 x 223mm
Weight	0.900 kg	1.400 kg	1.500 kg

Microphone with echo

MIDLAND F48

code C1022

4-pin connector for
Alan 48, Alan 68S,
Midland 8001 XT



NEW



Microphone with echo

MIDLAND F100

code C1021

4-pin connector for
Alan 100 Plus B
Midland 200
Midland 203



NEW



Microphone with echo

MIDLAND F MULTI

code C1023

6-pin connector for
Multi Standard CB radio



NEW



Electret microphone

MR120

code C404.01

with up/down buttons 6-pin connector for series
Plus Multi, Excel, Midland 248, 248 XL, 278,
Alan 121 and Midland 220
(no channel change).



Microphone for Alan 48, Alan 68S

Midland - code T059

Original Alan 48, Alan 68S, 8001XT
4-pin connector



"Precision series" microphone

Mike Multi - code C714

Up/down buttons (channel selection up/down)
Lock button (microphone up/down keypad lock)
6-pin connector
for series Plus Multi, Excel,
Midland 248, 248 XL, 278,
Alan 121 and Midland 220
(no channel change).



"Old style" microphone with metal mesh

SE (Special Edition) mike

code C870

4-pin connector for
Alan 48, Alan 68S

code C870.01

6-pin connector for the
series Plus Multi, Excel,
Alan 121 and Midland 220, 248,
248 XL, 278



Original microphone for Alan 48, Alan 68S

MDL4190 - code C074

Impedance 500 Ohm
4-pin connector for Alan 48,
Alan 68S, 8001XT



Microphone Alan 100 Plus B/Midland 203



code R51504
4-pin connector,
for Alan 100 Plus B,
Midland 203



Original Alan 100 Plus/199-A microphone



code R17332
5-pin connector
for Alan 100 Plus,
Alan 100 Plus Euro
and Alan 199-A



Microphone-holder

PM3 - code T431

with screw fastening and bi-adhesive



PMF - code T570

with screw fastening and bi-adhesive, fluorescent



Power lead

T060

3-pole lead with fuse-holder
Length: 160 cm



Brackets

SU 29 - code T452

Practical sliding mount for the removal of your transceivers.
Compatible with all vehicle CBs



SA 48 - code T769

Complete with 1 bracket, 2 slides, 2 handles, 2 screws
Compatible with Alan 48, 68S



SPM-48 DIN - code C791

DIN bracket for Alan 48 Plus Multi B/Excel Multi,
Midland248/248XL



SPM-78 DIN - code C792

DIN bracket for Alan 78 Plus Multi B, Midland 278



SPM-100 DIN - code C807

DIN bracket for Alan 100 Plus,100 Plus Euro, Alan 100 Plus B,
199-A, Midland 203



Broad band SWR meter wattmeter

KW 520 code C530

Suitable for checking transmitter power and antenna adaptation,
with two separate measuring lines, one from 1.8 to 200 MHz and
the other from 140 to 525 MHz.

This enables the simultaneous connection of 2 systems:
one in HF/VHF and the other in VHF/UHF and select which to
use to take the measurements with the specific switch. The
measurement line selected is seen by the specific LED. With the
possibility of measuring peak or medium value > Fine calibration
of the index > Base scale duplicator button of power from 200 to
400 W



Specifications

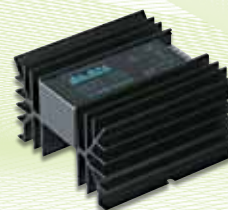
RF power	5W - 20W - 200W - 400W
R.O.S.	1.1 / ∞
Impedance	52 Ohms
Frequency range	1.8 200 MHz - 140 - 525 MHz
Precision	ROS - PWR 5%
Size	155x100x60mm
Weight	730 g
Connector	S0239

Voltage reducers



RDT 11/S code C786

Switching technology AUTOMOTIVE approval no.: 10R-026170



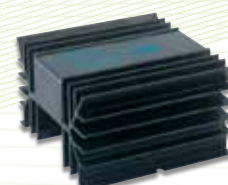
RDT 10/A code C589

AUTOMOTIVE approval no.: E3 02 1049



RDT 16/S code C787

Switching technology AUTOMOTIVE approval no.: 10R-026171



RDT 14/A code C531

AUTOMOTIVE approval no.: E3 02 1050



RDT 20/S code C788

Switching technology AUTOMOTIVE approval no.: 10R-026172



RDT 30/R code T674

AUTOMOTIVE approval no.: E3 02 1051

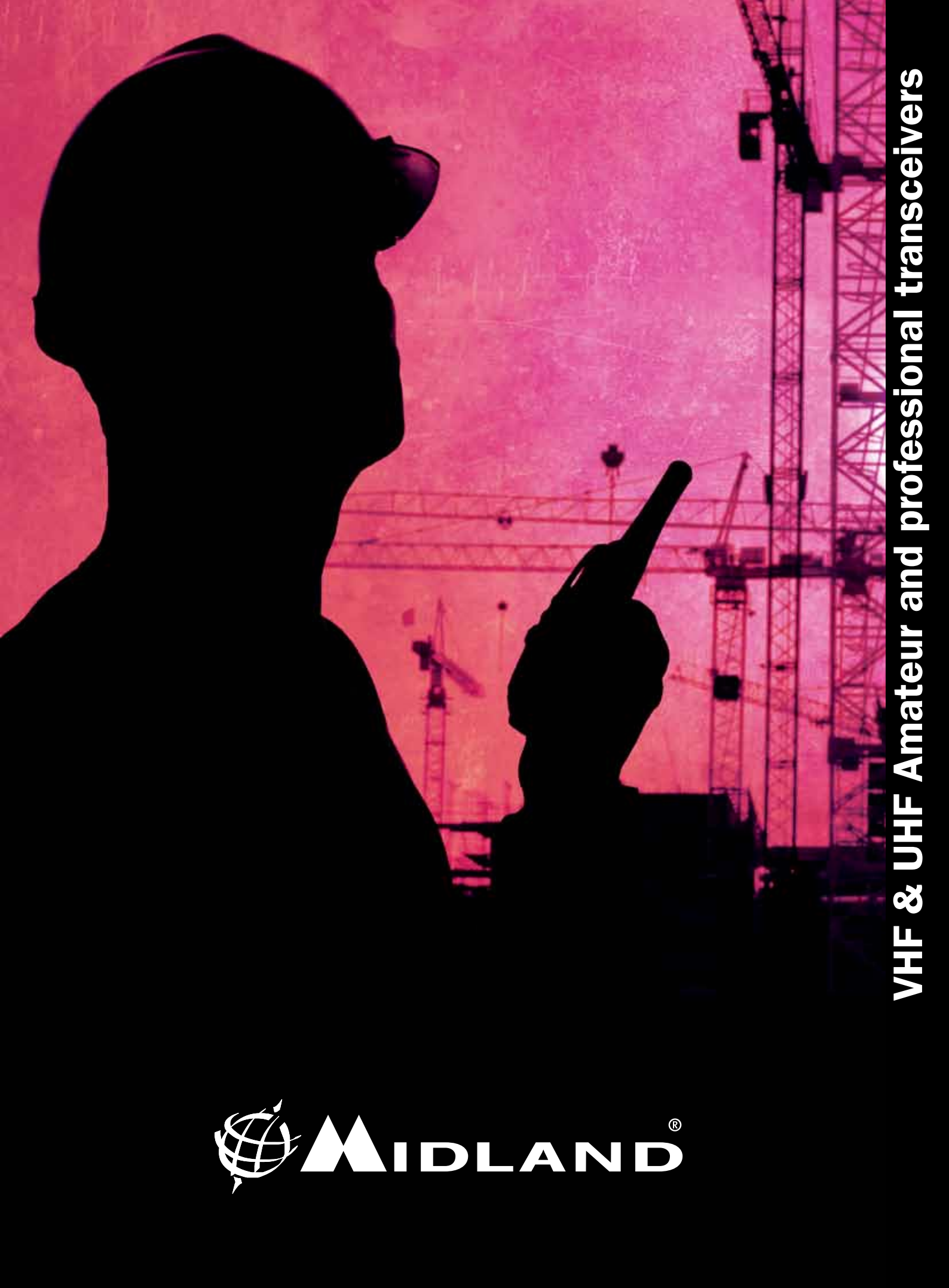
Specifications	RDT 11/S	RDT 16/S	RDT 20/S	RDT 10/A	RDT 14/A	RDT 30/R
Switching technology	Yes	Yes	Yes	No	No	No
Input voltage	20-30 V DC	20-30 V DC	20-30 V DC	24-28 V DC	24-28 V DC	24-28 V DC
Output voltage	13.5 +/- 0.5V DC	13.5 +/- 0.5V DC	13.5 +/- 0.5V DC	13.8 V DC	13.8 V DC	13.8 V DC
Dimensions (HxWxD)	35x75x160	35x105x170	40x115x200	64x120x112	64x120x112	40x102x300
Weight	387 g	554 g	782 g	670 g	580 g	1,200 g
Output specifications						
Continuous	8 A	12 A	18 A	6 A	6 A	10 A
6'/3'	-	-	-	10 A/-	8 A/-	15 A/20 A
Max. peak	10 A/15 min	16 A/15 min	20 A/15 min	10 A	10 A	30 A

HF power amplifier AM-FM-SSB-CW (for amateur use only)



HF 747 code C882

Specifications	
Frequency	HF
Power supply	12-14V DC
Current absorbed	14-20A
Input power	1-5W
Input power SSB	2-10W
Output power	max. 150W
Output power SSB	max. 300W pep
Mode	AM-FM-SSB-CW
Fuse	2x12A
Size/Weight	109x210x35mm/ 605g



VHF & UHF Amateur and professional transceivers



Midland CT 210

Amateur equipment in VHF

> Version

VHF

> Colour

Black with blue insert

> Frequency

144-146MHz
(Export 136-174MHz)

> Output power:

4W VHF

> Packaging and code

One radio, **Li-Ion 1200mA** battery pack, quick desktop charger, wall adapter, antenna, belt clip

code C841.01



Midland CT 410

Amateur equipment in UHF

> Version

UHF

> Colour

Black with red insert

> Frequency

430-440MHz
(Export 400-470MHz)

> Output power:

4W UHF

> Packaging and code

One radio, **Li-Ion 1200mA** battery pack, quick desktop charger, wall adapter, antenna, belt clip

code C840.01



> Specifications shared by all models



CTCSS/DCS



VOX



BATTERY LEVEL



EMERGENCY



SCAN



TOT



BUSY CHANNEL H/L/LOW POWER



SCRAMBLER



3 COLOR DISPLAY



KEY LOCK



BATTERY TYPE



2 PIN KENWOOD

> Specifications Midland CT 210/410

Midland CT 710

Amateur dual band equipment

> Version

Dual Band VHF/UHF

> Colour

Black with yellow insert

> Frequency

144-146MHz
(Export 136-174MHz)
430-440MHz
(Export 400-470MHz)

> Output power:

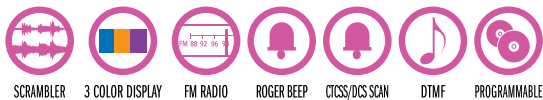
5W VHF/4W UHF

> Packaging and code

One radio, **Li-Ion 1600mA** battery pack, quick desktop charger, wall adapter, antenna, belt clip
code C1049



> Specifications Midland CT 710



Midland CT 790

Amateur dual band equipment

> Version

Dual Band VHF/UHF

> Colour

Black

> Frequency

144-146MHz
(Export 136-174MHz)
430-440MHz
(Export 400-470MHz)

> Output power:

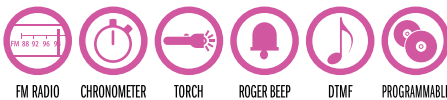
5W VHF/4W UHF

> Packaging and code

box, one radio, antenna, **Li-Ion 1700 mA battery pack**, belt clip, desktop charger, wrist strap
code C924



> Specifications Midland CT 790



Midland CT210/410/710/790

> Specifications shared by all models

- 50 CTCSS tones/210 DCS tones
- Channels that can be saved: up to 128 groups
- Channelling step: 25KHz/12.5KHz
- **1750 Hz tone for access to repeater bridges**
- SOS emergency function
- Repeater bridge shift
- Vox and Scan function
- Back-lit display
- Optional viewing on display of channel number, channel number + frequency or only frequency
- Time-out Timer (TOT) function
- Busy channel lock function
- Squelch adjustable to 9 different levels
- Keypad lock
- High/low power selection
- Frequency setting and keypad channels
- Voice indication of the function selected VOICE
- Inverted frequency function
- Frequency step: 5/6.25/10/12.5/25 kHz
- Frequency offset: 0-69,950 MHz
- Shift repeater
- Function/channel reset

> Specifications Midland CT210/410

- Scrambler
- Adjustable back-lit display with 3 colours

> Specifications Midland CT710

- Operating mode: UHF-UHF, VHF-VHF and VHF-UHF
- Dual band viewing (VHF/UHF) on display and channel name
- Scrambler
- Compander
- Adjustable back-lit display with 3 colours
- FM radio receiver
- Roger Beep tone at start/end of conversation
- Frequency scan with CTCSS/DCS
- DTMF

> Specifications Midland CT790

- Operating mode: UHF-UHF, VHF-VHF and VHF-UHF
- Dual band viewing (VHF/UHF) on display and channel name
- FM radio receiver
- Chronometer
- Built-in torch
- Frequency step: more than 5/6.25/10/12.5/25 kHz, 50/100 kHz
- Roger Beep tone at start/end of conversation
- Frequency scan with CTCSS/DCS
- DTMF



Programming software

PRG10 - code C974.01

Complete with USB connection lead for PCs for CT710 and CT790,

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Technical specifications



Model	CT 210	CT 410	CT 710	CT 790
General				
Frequency	144-146MHz	430-440MHz	144-146MHz - 430-440MHz	144-146MHz - 430-440MHz
Operating temperature	-20°-+55°	-20°-+55°	-20°-+55°	-20°-+55°
Voltage supply	7.4V	7.4V	7.4V	7.4V
Operating mode	Simplex or Semi-duplex	Simplex or Semi-duplex	Simplex or Semi-duplex	Simplex or Semi-duplex
Size (excluding antenna)	100×58×33mm	100×58×33mm	100×58×33mm	105x58x39mm
Weight (including batteries)	203g	203g	203g	250g
Antenna impedance	50Ω	50Ω	50Ω	50Ω
Use cycle	5/5/90	5/5/90	5/5/90	5/5/90
Transmitter				
Frequency stability	±2.5PPM	±2.5PPM	±2.5PPM	±2.5PPM
Output power	>4W	>4W	VHF: 5W UHF:4W	VHF: 5W UHF:4W
Maximum frequency deviation	5KHz	5KHz	5KHz	5KHz
Audio distortion	≤ 3%	≤ 3%	≤ 3%	≤ 3%
Receiver				
RF sensitivity	< 0.2µV	< 0.2µV	< 0.2µV	< 0.2µV
Audio distortion	≤ 3%	≤ 3%	≤ 3%	≤ 3%
Audio response	300Hz ÷ 3KHz	300Hz ÷ 3KHz	300Hz ÷ 3KHz	300Hz ÷ 3KHz

Accessories

Microphone with adjustable earpiece and PTT, with curly cord



MA 21-LK - C709.04



Bluetooth® adapter

Connected to a transceiver with a 2-pin socket, it adds the Bluetooth® function, enabling the use of Bluetooth wireless accessories (such as, for example, earpieces for mobile telephones, Bluetooth motorcycle intercoms such as BTCity, etc.).



BPA 100 G-K - C804.02

230V wall charger with Kenwood 2-pin adapter



Microphone with adjustable earpiece and PTT, with curly cord



MA 21-K - C843



Desktop charger CT200-400, CT210-410, CT 710

CA-CT200/400 C849

Quick desktop charger with wall adapter.



Microphone with pneumatic earpiece



MA31-LK - C732.04



Battery pack

PB200/400 - C846

Battery pack 7.4V DC Li-Ion 1200mA for CT200-400, CT210-410

PB710 - C1050

Battery pack 7.4V DC Li-Ion 1,600mA for CT710

PB CT 790 - C931

Battery pack 1700mAh Li-Ion for CT790



Handheld speaker microphone with PTT



MA22-K - C844



Case

CT200-400, CT210-410, CT 710

CS 200/400 - C 845

Leather case



Car power supply for desktop chargers

AL-DTC - C981

Compatible with all



Antennas

ANT200 - C847 for CT200

ANT400 - C848 for CT400

ANT210 - C847.01 for CT210

ANT410 - C848.01 for CT410

ANT710 - C1051 for CT710

ANT790 - R72659 for CT790



Alan HP06/HP70

Professional performance, versatility and customisation of communication standards



> Specifications

- **Protection IP54 - MIL STD810 CDEF**
- **16 channels**
- Standard CTCSS tones and digital DCS
- Selective formats 5 tones, 5+2, 5+5, customisable
- Lone worker function (software prog.)
- Built-in frequency inversion scrambler
- Channel/priority channel scanning
- Transponder function
- Adjustable power: 5W (VHF version) programmable high/low; 4W (UHF version) programmable high/low.
- Battery life > 8 hours (with high capacity battery)
- Built-in vox adjustable to 2 levels of sensitivity
- Internal connector for optional digital scrambler cards
- EEprom flash: maximum flexibility and customisation of software/firmware
- Dead man
- **2-pin accessory socket**

> Packs and Codes

1 radio, antenna (only HP06), belt clip
code G932.04 HP106 - VHF 146-174MHz
code G933.04 HP406 - UHF 440-470MHz
code G1043.02 HP70L - low band 66-77MHz
code G1043.03 HP70H - high band 77-88MHz



Antennas HP70 (not supplied in pack)

HA 68 H - G970 Antenna 77-88MHz
HA 68 - G1049 Antenna 66-77MHz

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Alan HP08

Competitively priced professional performance and quality



> Specifications

- **IP54 protection**
- **180 channels**
- Breakdown of channels according to groups
- Customisable switch on message
- Backlit LCD display
- Back-lit keypad
- Standard CTCSS tones and digital DCS
- Selective calling 5 tones, 5+5 tones in the various standard formats
- Signal intensity indicator
- **Built-in scrambler** with 8 different selectable frequency codes
- Compander
- Transponder function
- Adjustable power: max. 5W programmable

at High/Low/Medium

- Battery life: up to 12 hours
- Built-in vox adjustable to 8 different sensitivity levels and 4 different delay levels
- **2-pin accessory socket**

> Packs and Codes

1 radio, quick desktop battery charger, Li-Ion 1600 mA/h rechargeable battery, antenna, belt clip
code G1176 HP108 - VHF 136-174MHz
code G1177 HP408L - UHF 400-470MHz
code G1177.01 HP408H - UHF 465-520MHz (export)



Alan HM35/70

For advanced communication systems



> Specifications

- MIL STD 810 C D,E, F and IP54 (front panel only)
- More than 250 channels with usable settings
- CTCSS/DCS
- 4 - 25W output power
- Programmable channelling
- Graphic LCD display
- 4 function buttons
- Phone book
- Standard and customised selective call
- Scrambler
- Kill/revive
- Remote use front panel
- 4W front speaker
- Standard and priority channel scan
- Talk around
- Public Address function
- Flash memory
- PC programmable



- Data transmission (compliant with ETS300-113)
- Standard DB25 accessories connector
-

> Packs and Codes

1 radio, power lead and support bracket
code G934 HM135 VHF 136-174MHz
code G935 HM435 UHF 403-470MHz
code G1101 HM70 66-88MHz



Programming software complete with USB connection lead for PCs

PRG06 - Series HP06
code G966

PRG08 - Series HP08
code G1184

PRG35 - for HM35/35S and HM70
code G968

Alan HM06

Reasonably priced professional performance



> Specifications

- MIL STD 810 C D,E, F and IP54 (front panel only)
- 99 channels
- CTCSS/DCS
- Output power 4 - 25W
- Programmable channelling
- 2-digit LED display
- 4 function buttons
- Selective calling
- 4W front speaker
- Standard and priority channel scan
- Talk around
- Public Address function
- Flash memory
- PC programmable



> Packs and Codes

1 radio, standard microphone, power lead and support bracket
code G997 HM106 VHF 136-174MHz

Alan RPT 35S Quick Setup

Base station/repeater

The new **RPT 35S** has been designed to provide extensive coverage for organisations requiring repeaters that are excellent value for money.

RPT 35S is supplied with a built-in power supply and 6-cell duplexer contained in 19-inch 3U racks.

RPT 35S is also fitted with a standard DB25 connector for link connections with other repeaters.

> Specifications

- Output power programmable from 4 to 25 W
- Power supply/buffer battery charger 220 V AC 13.8 V DC (battery not included)
- 32 channels (8 can be switched locally)
- CTCSS Enc-dec, DCS
- Automatic no network and flat battery warning (prog.)
- Automatic switch-off with low battery level (prog.)
- Removable front panel
- Kill/revive (via selective radio control)
- 6-cell duplexer included



> Packs and Codes

1 repeater, power lead and duplexer leads-connection

code G1134 RPT 135S VHF 135-174MHz

(duplexer H band 152-175MHz)

code G1134.01 RPT 135S VHF 138-156MHz

(duplexer L band 138-156MHz)

code G1135 RPT435S UHF 405-470MHz

For technical information: tel. +39 0522509411 - info@cte.it

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Portable accessories

Chargers

RC05 - C663.02

Black quick desktop charger

Compatible with: HP06



RC08 - G1191

Quick desktop charger

Compatible with: HP08



Batteries

BP0513 - G811.02

1300 mAh NiMh for HP06-HP70



BP0518 - G811.03

1800 mAh NiMh for HP06-HP70



BP08 - G1192

1600 mAh lithium for HP08



Power supply

AL-DTC - C981

Compatible with:

Alan RC08, RC05



Vehicle accessories

Palm microphone

MK06/35 - G1004

Standard palm microphone

Compatible with: all Alan HM



MK06/35-K - G1003.01

Microphone with keypad

Compatible with:

Alan HM35/70



Speaker

AU25 - T681

External speaker max. 5W

Compatible with:

Alan HM35/70/06



Remote control

G1016

Remote control kit including
5 m extension lead with connectors,
brackets, screws.

Compatible with: Alan HM35/70





VHF marine transceivers



Pacific

Practical and hard-wearing for immediate communication

IPX5
WATERPROOF



Midland Pacific is a portable marine VHF transceiver that combines hard-wearing reliability with decidedly professional technical specifications. Functions are all within easy reach, including the button granting immediate access to emergency channel 16. The antenna is removable and thanks to the standard SMA connector, other types of antenna can also be used.

> Specifications

- **Waterproof: IPX5**
- Transmission power: 5W
- High/low power selection (5W/1W)
- 57 international channels/20 user programmable channels (via software)
- Removable antenna - SMA connector
- Large backlit LCD display
- Immediate access to the emergency channel 16
- VOX, SCAN and Dual Watch function
- Keypad lock, automatic squelch

- Roger beep (end of call tone)
- Flat battery indicator and automatic battery saver
- Power supply: NiMH battery pack (or 4 AA batteries optional)
- **2-pin accessory socket**
- **Compatible wall charger: MW905**

> Packs and Codes

Box with one radio, one desktop charger, wall charger, rechargeable 800mAh battery pack, 12V cigarette lighter charger, desktop/wall mount and belt clip

code G1094 Black

> PRG Pacific code

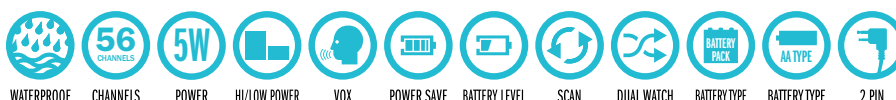
Software programmer for Pacific complete with USB lead for PCs



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Atlantic XT

Practical and easy to handle to sail in complete safety



Atlantic XT is hard-wearing and enables clear, reliable communication on all international channels of the nautical VHF band assigned by the ITU. 56 international band channels available and immediate access to emergency channel 16. The pack also includes a waterproof case.

> Specifications

- Transmission power: 5W
- High/low power selection (5W/1W)
- 56 international channels
- Backlit LCD display
- Immediate access to the emergency channel 16
- CALL button with 3 available tones
- SCAN/dual watch function
- Keypad lock
- Automatic squelch adjustment, Vox
- Roger beep (end of call tone), can be deactivated
- Flat battery indicator
- Battery saver

- Power supply: 4 rechargeable or alkaline AA batteries
- **2-pin accessory socket**
- **Compatible wall charger: MW904**

> Packs and Codes

Box with one radio, desktop/wall mount, belt clip, waterproof case with neck strap

code G1037.03 Black
code G1037.04 white

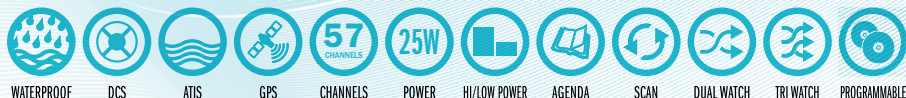
> Atlantic XT Kit

Box with one radio, desktop/wall mount, 12V car charger, Ni-MH battery pack, wall charger, belt clip, waterproof case with neck strap
code G1037.05 Black



Neptune 100

Compact, reduced size, fully waterproof



Neptune 100 encompasses all the essential functions for communication at sea in a small, compact cabinet. Thanks to the large backlit LCD display, all information is easily visible and within reach.

Neptune 100 is fully waterproof with protection grade IPX7. Can remain submerged in the water for 30 minutes at a depth of 1 metre.



> Specifications

- **Waterproof: IPX7**
- 57 international channels
- DSC system - Class D - with received messages archive
- ATIS system
- Transmission power 25W (25W/1W)
- Main commands repeated on the microphone for more immediate use
- Channel selection and recall of channel 16
- Large front backlit keypad
- Large backlit LCD display with adjustable contrast
- Squelch adjustment
- Connection with external speaker

- Dual Watch function to monitor channel 16 when listening to the tuned channel
- Triple Watch function to monitor channels 9 and 16 in addition to the tuned channel
- Scan function on all channels or saved channels with the option of creating a group of channels
- External GPS socket (optional)
- Programmable functions using the PRG-Neptune 100 programmer, optional:
 - 16 MMSI addresses (vessel identification code)
 - 20 channels for authorised professional users

> Packs and Codes

Box with 1 Neptune 100 device, microphone and mount, external GPS lead, power lead, bracket mount and fixing screws
code G1125 Black

Neptune 100 optional accessories



Midland 70-2355T code C733
Speaker for outdoor use



PRG Neptune 100 code G1130
Software programmer for Neptune 100, complete with serial lead for PCs

New Neptune

Technologically advanced,
professional and hard-wearing



New Neptune is the perfect solution for those seeking a highly professional device with metal cabinet, water-resistant (IP54) and fitted with a complete alphanumeric keypad on the front panel.

New Neptune is controlled by a micro processor which enables advanced performance and specifications to be obtained; it controls the tuning of the nautical band and advanced functions such as Dual Watch, Triple Watch and all the various scans available.

> Specifications

- **Waterproof: IPX4**
- 56 international channels
- DSC system - Class D - with received messages archive
- ATIS system
- Transmission power 25W (25W/1W)
- 23 front commands for the immediate use of all functions
- Main commands repeated on the microphone for more immediate use
- channel selection and recall of channel 16
- Large front backlit keypad

- Backlit LCD display with adjustable contrast
- Squelch adjustment
- Connection with external speaker
- Dual Watch function to monitor channel 16 when listening to the tuned channel
- Triple Watch function to monitor channels 9 and 16 in addition to the tuned channel
- Scan function on all channels or saved channels with the option of creating a group of channels
- External GPS socket (optional)
- Programmable functions using the PRG-Neptune programmer, optional:
16 MMSI addresses (vessel identification code)
20 channels for authorised professional users

> Packs and Codes

Box with 1 device, microphone and mount, external GPS lead, power lead, bracket mount and fixing screws
code G979.04 White

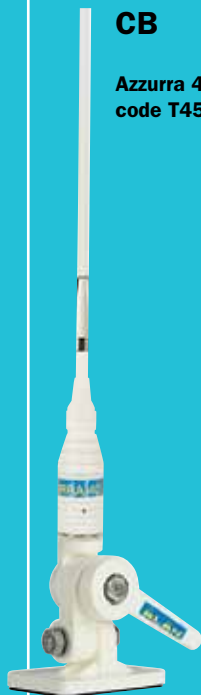
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CB/VHF MARINE ANTENNAS (technical data on p. 64)

CB

Azzurra 40
code T454



VHF

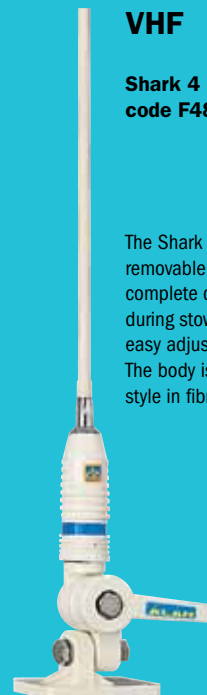
Shark 3
code F483



Shark 3 is fitted with a fixing bracket at the shaft head, created from stainless steel, and an SO 239 connector for the direct fastening of the antenna lead. The coil is waterproof. Particularly suitable for small boats and rubber dinghies.

VHF

Shark 4
code F484



The Shark 4 is fitted with a removable style to enable complete coverage of the boat during stowage and release for easy adjustment in any position. The body is in cast plastic and the style in fibre.

Technical specifications



General	Pacific	Atlantic XT
Channels	57 international	56 international
TX frequency coverage	from 156,025 to 157,425 MHz	from 156,025 to 157,425 MHz
RX frequency coverage	from 156,300 to 162,000 MHz	from 156,300 to 162,000 MHz
Power supply	Battery pack/4 AA batteries optional	4 rechargeable or alkaline AA batteries
Operating temperature	from -15°C to +55°C	from -15°C to +55°C
Removable antenna/length	Yes - SMA connector/250 mm	NO/235 mm
Dimensions (WxHxD)	62x122x35 mm	58x122x34 mm
Weight (equipment only)	137 g	119 g
Accessory socket type	2-pin	2-pin
Programmable	Via software (PRG-PACIFIC)	-
Water protection grade	IPX5	Splashproof
Transmitter		
Output power	5 Watt (1W/5W)	5 Watt (1W/5W)
Receiver		
Sensitivity to 20dB Sinad	0.35 µV	0.35 µV
Audio output power	500mW @ 10% THD	300mW @ 10% THD
Audio distortion	< 10%	< 10%



General	Neptune 100	New Neptune
Channels	57 international	56 international
TX frequency coverage	from 156,025 to 157,425 MHz	from 156,025 to 157,425 MHz
RX frequency coverage	from 156,300 to 162,025 MHz	from 156,300 to 162,025 MHz
Power supply	12 V DC	12 V DC
Operating temperature	from -15°C to +55°C	from -15°C to +55°C
Dimensions (WxHxD)	177x72x146	170x70x160 mm
Weight	1.2 kg	1.305 kg
Accessory socket type	Speaker 3.5mm Mono/GPS	Speaker 3.5mm Mono/GPS
Programmable	Via software (PRG-NEPTUNE 100)	Via software (PRG-NEPTUNE)
Water protection grade	IPX7	IPX4
Transmitter		
Output power	High (HI): 25W - Low (LO): 1W	High (HI): 25W - Low (LO): 1W
Receiver		
Sensitivity to 20dB Sinad	< 0.5µV	< 1.0µV
Audio output power	> 2W on 8 Ohm	> 2W on 8 Ohm
Interim frequencies	1°: 21.4MHz - 2nd: 405KHz	1°: 21.4MHz - 2nd: 405KHz

Accessories

Microphone with adjustable earpiece and PTT, with curly cord



MA 21-L - C709.03



Double desktop battery charger

CA-ATL/G7 - C785

Compatible with:
Atlantic XT



Speaker microphone with volume control and earpiece socket



MA 26 - L - C515.01



Rechargeable battery packs

PB-ATL/G7 - C784

800mAh

Compatible with:
Atlantic XT and Pacific



Speak/listen microphone



MA 28 - L - C559.03



Wall chargers

MW904 - C689

Compatible with:
Atlantic XT

MW905 - C887

Compatible with:
Pacific



Microphone with adjustable arm



MA 30 - L
C648.03



Rechargeable adapter for PB ATL/G7

C827

Adapter to recharge battery pack only



Cigarette lighter power lead

ALG7 - C814

Compatible with:
Atlantic XT (not compatible with Pacific)



Waterproof case

CC ATL /G7 WP - C826

Compatible with:
Atlantic XT, Pacific



New Neptune dashboard kit

G1020.01 White



Speaker for outdoor use

Midland 70-2355T - C733

Compatible with:
Neptune 100, New Neptune



Programming software PRG Pacific code G1124

Software programmer for Pacific
complete with USB lead for PCs

PRG Neptune 100 code G1130

Software programmer for Neptune
100, complete with serial lead for
PCs

PRG Neptune code G1005

Software programmer for New
Neptune, complete with serial lead
for PCs



Car and Truck antennas



X-Turbo Camper 27
code C863



X-Turbo Mini
code C864



X-Turbo Camper 60
code C871



X-Turbo Camper 80
code C872



Alan PC 4
code T739



Alan PC 6
code T736

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Magnetic CB antennas



Picco 70C
code T638.12



Picco 70S
code T638.13



Mini
code C593



Supermini
code C592



X-Turbo Mini Mag
code C865

Small antenna
complete with lead
and connector



Midland 18-244M
code T788



Alan PC 8
code T701



Alan S9 Plus
code T638



Funk 90
code T638.04



Funk 130
code T638.05



Funk 150
code T638.06



ML 145
code T562.01

Just 35 cm long



Ministar 27
code C813

High power antenna with magnetic
base Ø 120 mm



KIT 007
ML145 + BM 120 PL

NEW



LC29
code C1018

NEW



LC59
code C1019

NEW



LC65
code C1020

VHF/UHF Car and Truck antennas



NW-2000
code C623
F.O.W.*



NR-770R
code C626
F.O.W.*



NR-770S
code C625

60

VHF/UHF portable antennas



RH-707 Flex
code C635
Flex-Tilt



RH-701
code C634
Flex



RH-771
code C637
Flex



RH-775
code C638
Telescopic



RH-777
code C639
Flex-Tilt



RH-779
code C640
Telescopic-Tilt



AZ-504
code C627



M-285
code C631



M150-GSA
code C632



VH 1
code F092



VH 2
code F093

*** F.O.W.*: Reclining structure**

The reclining style guarantees that the antenna can move extensively in all directions, enabling the convenient parking of the car in the garage without removing the antenna. Equipped with a safety block for safe driving.



RH-519
code C641
Super Flex



RH-536
code C644
Super Flex



CH-32
code C642



SRH-536
code C646
Super Flex-SMA



SRH-701
code C645
Super Flex-SMA

CB Base antennas



Energy New 1/2

T241.02

EQUIPPED WITH A SYSTEM TO PROTECT AGAINST WATER LEAKS

Energy New 1/2 and Energy New 5/8 are telescopic base antennas, ground plane at 1/2 - 5/8 lambda, operating on 27MHz, built in anti-corrosion aluminium. All elements are telescopic and facilitate installation.



Energy New 5/8

T242.02



Skylab

T233

The Skylab base is built from a single block to ensure maximum mechanical robustness and the best possible seal of connections. The 3 upper radials decrease static electricity loads on the antenna. With anti-whistle cage

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VHF/UHF base antennas



X30 c614



X50 c615



F-22A c619

DCG: Antennas short-circuited to earth to protect your equipment from electrostatic charge in the event of a storm
HQJ: Built with high quality, hard-wearing joints

Technical Specifications

Car and Truck antennas

	X-Turbo Camper 27	X-Turbo Mini	X-Turbo 60	X-Turbo 80	Alan PC 4/6/8	Alan S9 Plus
Operating frequency (MHz)	26-28	26-28	26-28	26-28	25-30	25-30
Number of channels	120	60	200	200	150/240/130	200
Maximum applicable power (W)	50	10	800 (max 1500)	1000 (max 1700)	400/600/800	300
R.O.S.min.in centre band	< 1.2	< 1.4	< 1.2	< 1.2	< 1.2	< 1.2
Length (cm)	114	31	160	180	115/160/163	155
Impedance (Ohm)	50	50	50	50	50	50
Weight (g)	430	260	670	690	450	390
Style material	Fibreglass	Steel	Steel	Steel	Steel	Steel
Antenna connection type	PL 259	-	3 pieces	3 pieces	3 pieces	DV
Hole diameter (mm)	16	10	10	10	10	12,5
Lead (m)	-	4	4	4	4	4

	Funk 90/130/150	ML 145	Picco 70C/70S	Mini	Supermini
Operating frequency (MHz)	26-28	26-28	26-28	26+28	26+28
Number of channels	-	90	-	40	40
Maximum applicable power (W)	200/250/300	400	100	80	30
R.O.S.min.in centre band	< 1.2	< 1.2	< 1.2	1.2:1	1.2:1
Length (cm)	90/130/150	146	70	680	330
Impedance (Ohm)	50	50	50	50	50
Weight (g)	160/190/200	350	180	210	130
Style material	Steel	Steel	Steel	Stainless steel	Fibre
Antenna connection type	DV	PL	DV	3 pieces	3 pieces
Hole diameter (mm)	10	16	10	12,5	10
Lead (m)	-/4/4	-	4	4 with PL259	4 with PL259

Magnetic CB antennas

	X-Turbo Mini Mag	Midland 18-244M	Ministar 27	KIT 007
Operating frequency (MHz)	26-28	26.965-27.405	26-28	26-28
Number of channels	60	40	40	90
Maximum applicable power (W)	10	100	10	400 pep
R.O.S.min.in centre band	< 1.4	1:1,2	1:1,2	< 1.2
Length (cm)	31	66	35	146
Impedance (Ohm)	50	50	50	50
Weight (kg)		0,5	0,3	1,6
Style material	Steel	Stainless steel	Stainless steel	Stainless steel
Attachment		Magnetic base Ø 90 mm	Magnetic base Ø 29 mm	Magn. base 120 mm with PL
Lead (m)	4.5 with PL 259	2,75	3	2,9

	LC29	LC59	LC65
Operating frequency (MHz)	26-28	26-28	26.965-27.405
Number of channels	40	40	40
Maximum applicable power (W)	10/30 (short time)	30/150 (short time)	60/300 (short time)
R.O.S.min.in centre band	≤ 1.2:1	≤ 1.2:1	≤ 1.2:1
Length (cm)	29	65	115
Impedance (Ohm)	50	50	50
Weight (kg)	0,4	0,6	1
Style material	Stainless steel	Stainless steel	Stainless steel
Attachment	Magn. base 68mm with PL	Magn. base 78mm with PL	Magnetic base 120 mm with PL
Lead (m)	4	4	4

VHF/UHF Car and Truck antennas

	NW-2000	NR-770R	NR-770S	AZ-504	M-285	M150-GSA
Frequency	144/430 MHz	144/430 MHz	144/430 MHz	144/430 MHz	138-174 MHz	138-174 MHz
Type	1/2λ(144 MHz) 2x5/8λ(430 MHz) 200 W	1/2λ(144 MHz) 2x5/8λ(430 MHz) 200 W	1/4λ(144 MHz) 1/2λ(430 MHz)	1/4λ(144 MHz) 100 W 1/2λ(430 MHz) 50 W	5/8λ200 W	1/4λ200 W
Length (cm)	98	98	43	46	100	51
Connector type	PL	PL	PL	PL	PL	PL

VHF/UHF Car and Truck antennas

	VH 1	VH 2
Operating frequency	140:175MHz	140:175MHz
Max. power applicable	100W	100W
R.O.S. in centre band	1:1,2	1:1,2
Length (cm)	51	134
Impedance	50 Ohms	50 Ohms
Weight	300 g	450 g
Style material	Steel	Fibre
Connector type	PL259 (not supplied)	PL259 (not supplied)
Hole diameter	12 mm	
Lead	4m	4 m

VHF/UHF portable antennas

	RH-707 FLEX	RH-701	RH-771	RH-775
Frequency	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz
Type	1/4λ	1/4λ	1/4λ(144MHz) 1/2λ(430MHz)	1/4λ (144 Mhz) 1/2λ(430 MHz)
Band	120-150/300-450 MHz 800-900 Mhz in RX only	120-150/300-450 MHz 800-900 Mhz in RX only	120-150/300-450 MHz 800-900 Mhz in RX only	120-150/300-450 MHz 800-900 MHz in RX only
Length (cm)	21	21	40	14-41
Connector type	BNC	BNC	BNC	BNC
	RH-777	RH-779	RH-519	RH-536
Frequency	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz
Type	1/4λ	1/4λ - (144 MHz) 1/2λ - (430 MHz)	1/4λ- 2m/70cm	1/4λ - (144 MHz) 1/2λ - (430 MHz)
Band	120-150/300-450 MHz 800-900 Mhz in RX only	120-150/300-450 MHz 800-900 Mhz in RX only	120-150/300-450 MHz 800-900 MHz in RX only	120-150/300-450 MHz 800-900 MHz in RX only
Length (cm)	40	14-41	20	36
Connector type	BNC	BNC	BNC	BNC
	CH-32	SRH-536	SRH-701	
Frequency	TX: 144/430/900MHz	TX: 144/430 MHz	TX: 144/430 MHz	
Type	1/4λ- (144/430/900 MHz)	1/4λ - (144 Mhz) - 1/2λ- (430 MHz)	1/4λ	
Band		300/800 MHz 900 MHz in RX only	120-150/300-450 MHz 800-900 Mhz in RX only	
Length (cm)	4.5	37	21	
Connector type	BNC	SMA	SMA	

Base CB antennas - Base VHF/UHF antennas

	Energy New 1/2	Energy New 5/8	Skylab	X30	X50	F22
Operating frequency (MHz)	25-29	25-29	26-28	144-430	144-430	144 MHz
Maximum applicable power	500 W PEP	500 W PEP	1000 W	150 W	200 W	200 W
Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms
Band R.O.S.	1.2:1	1.2:1	1.5:1	1.5:1	1.5:1	1.5:1
Length	5,750 mm	6,500 mm	5,500 mm	1,300 mm	1,700 mm	3,200 mm
Weight	2.1 kg	2.5 kg	2.3 kg	0.8 kg	0.9 kg	1.3 kg
Ø support pole	30-40 mm	30-40 mm	30-35 mm			
Connector	SO 239	SO 239	SO239	SO239	SO239	SO239
Styles	Aluminium	Aluminium	Aluminium	Fibreglass/steel	Fibreglass/steel	Fibreglass/steel

CB/VHF marine antennas (see p. 54)

	Azzurra 40	Shark 3	Shark 4
Operating frequency (MHz)	27	156÷162	156÷162
Number of channels	40	600	600
Maximum applicable power (W)	50	100	100
R.O.S.min.in centre band	1:1,1	1,1÷ 1,5	1,1÷ 1,5
Length (cm)	160	140	140
Impedance (Ohm)	50	50	50
Weight (g)	1000	1000	1000
Style material	Fibre	Fibre	Fibre
Antenna connection type	without PL	SO 239	without PL
Lead (m)	4	-	4

Accessories

Stainless steel mount

GR-L - C1047
Size: 38x64x99mm



Roof centre adapter DV/S0239

DV 27 PL - T599



Stainless steel mount

GR-XL - C1048
Size: 38x100x180mm



3-piece lead

T633
Complete lead for PC series antennas and roof centre attachment.
Lead type: RG58
Length: 4m



Gutter mount

GR PLUS - T786
Enables the Gutter mount installation of any mobile antenna without piercing the bodywork



Screws, connector for FC 27 and base for Midland antennas

SC 27 - T441 Specific screw (1)
LC 27 - T370 Connector (2)
FC 27 - T478 Base for antennas (3)



Gutter mount

GR-F INOX - T751
In stainless steel for vehicle antennas, with fixing hole reducer



Centre-roof mount for US antennas

T301 - Roof centre
Lead type: RG58
Length: 3.5 m



Gutter mount

GR-S INOX - T753
In stainless steel with double inclination for vehicle antennas, with fixing hole reducer



Connector for RG58 lead

PL 259/R - T292.02
6 mm socket (reduced)

PL 259/RL code T377



Gutter mount

Gutter mount 27 - T054
Enables the Gutter mount installation of any mobile antenna without piercing the bodywork.
The special rubber suction pad guarantees perfect adherence to the vehicle roof



S0239 connection RCA plug

SA 95 - T211



Connectors for RG8/RG213 cable and for BNC/S0239

PL 259 - T205
for cable RG8 and RG213

UG 255 - F076
for BNC/S0239



Gutter mount

SP-S INOX - T752
In stainless steel for vehicle antennas, with adjustable inclination and fixing hole reducer



Mirror mount

SP 21 - T390
Enables the installation of any mobile antenna on the rear view mirror, avoiding unsightly holes in the bodywork



Connection lead for CB transceivers

R 45/58-U - T194
Lead type: RG58 - Length: 45 cm

R 90/58-U - T193
Lead type: RG58 - Length: 90 cm



Coaxial leads

RG 58/U - T199



RG 58/I - T199.03



RG 58/U WHITE - T200



RG 58/AUX - T197

Impedance: 50 Ohm



RG 58/H - G326

Low loss, Impedance: 50 Ohm



RG 213 - T571

Impedance: 50 Ohm



RG 213 U - T571.01



Magnetic bases

BM 120 DV - T 057

BM 120 DV is designed to withstand high speeds. Equipped with scratch-resistant magnet-covering cap. Supplied with universal DV 27 base, already installed.



BM 120 PL - T036

BM 140 PL-B - T052.01

Designed to withstand high speeds. Equipped with scratch-resistant magnet-covering cap. Supplied with attachment for PL, already installed.



BMU 120 - C888

BMU 140 - C889

Suitable for PL, DV and roof centre attachment. Designed to withstand high speeds. Equipped with scratch-resistant magnet-covering cap.



	BM 120 DV	BM 120 PL	BM 140 PL-B
Frequency range	26-30 MHz	26-460 MHz	26-460 MHz
Max. speed	80/130 km/h	80/130 km/h	130/180 km/h
Base diameter	Ø: 120 mm	120 mm	140 mm
Weight	750 g	700 g	1,450 g
Lead	3m	3m	3m

	BMU 120	BMU 140
Frequency range	26-460 MHz	26-460 MHz
Max. speed	80/130 km/h	130/180 km/h
Base diameter	120 mm	140 mm
Weight	700 g	1,450 g
Lead	-	-



BT NEXT

Multi Riders Intercom System

Midland BT Next is the key player in the Next generation, Bluetooth® stereo intercom for conversations of **up to 6 motorcyclists**, with a **range of action of up to 1.6 km**.

Firmware 2.0

Bluetooth technology **3.0**



Intercom

up to 6 people (two at a time)



range of up to 1.6 km



Universal Intercom Function

For communication between different brand intercoms



> Specifications



Equipped with the **Universal Intercom** function to match to **any brand** intercom using the full duplex intercom.



Midland BT Next comes with **the Bluetooth® Midland BT Remote** control to manage all functions directly from the motorcycle handlebar without wires and without distractions.



For group communication with no limits to the number of users, **BT Next** can be used with **Midland G8BT** for communication at **up to 12 km**.



Stereo music with Play/Pause and Fast-forward/Rewind control



FM radio with RDS, 6 station memories



Waterproof



Bluetooth® Wireless Technology 3.0 with DSP



Vox for voice activation of the Intercom function and telephone response (hands-free)



AGC technology for automatic volume control



Excellent **audio quality at high speeds** (DSP technology)



Battery life: **10 hours of conversation**



USB programmable (configure the device and update the firmware)



Vocal messages: provides vocal messages on the device status and battery charge



Aerodynamic design, just 18 mm thick



Compatible with all helmet types

> Bluetooth® connections:



Mobile telephones/Mp3 with Bluetooth



GPS devices (with **Background function** for GPS audio in the background as you speak)



PMR446 radio with Bluetooth

> Wired connections for rider and passenger devices:



iPod/MP3 player stereo



PMR446 radio

Manual controls: telephone, intercom, FM radio and wired connection activation

Available: **single pack C969**
twin pack Twin C969.01

(Pack contains: see table)



Compatible with all helmet types

Packs allow all fitting options: they include the installation kits with boom microphone and wired microphone for jet, modular and full-face helmets



Firmware upgrade

Next generation devices can be upgraded from the website www.midlandradio.eu



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BTX2

Advanced Intercom System

Midland BTX2 is the new Advanced Intercom Bluetooth® Stereo System of the Next Generation for "Rider/Passenger" and "Bike-to-Bike" **conversations involving up to 3 motorcyclists**, with a range of action of **up to 800 metres**.

NEW

Bluetooth technology **3.0**

 **Bluetooth™**



Intercom

up to 3 people (two at a time)



range of up to 800 m



Universal Intercom Function

For communication between different brand intercoms



> Specifications



Equipped with the **Universal Intercom** function to match to **any brand** intercom using the full duplex intercom.



Midland BTX2 comes with the **Bluetooth® Midland BT Remote** control to manage all functions directly from the motorcycle handlebar without wires and without distractions.



For group communication with no limits to the number of users, **BTX2** can be used with **Midland G8BT** for communication at **up to 12 km**.



Stereo music with Play/Pause and Fast-forward/Rewind control



Waterproof



Bluetooth® Wireless Technology 3.0 with DSP



Vox for voice activation of the Intercom function and telephone response (hands-free)



AGC technology for automatic volume control



Excellent **audio quality at high speeds** (DSP technology)



Battery life: **10 hours of conversation**



USB programmable (configure the device and update the firmware)



Vocal messages: provides vocal messages on the device status and battery charge



Aerodynamic design, just 18 mm thick



Compatible with all helmet types

> Bluetooth® connections:



Mobile telephones/Mp3 with Bluetooth



GPS devices (with **Background function** for GPS audio in the background as you speak)



PMR446 radio with Bluetooth

> Wired connections for rider and passenger devices:



iPod/MP3 player stereo



PMR446 radio

Manual controls: telephone, intercom and wired connection activation

Available: **single pack C1034**
twin pack Twin C1034.01

(Pack contains: see table)



Compatible with all helmet types

Packs allow all fitting options: they include the installation kits with boom microphone and wired microphone for jet, modular and full-face helmets



Firmware upgrade

Next generation devices can be upgraded from the website www.midlandradio.eu



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BTX1

Basic Intercom System

Midland BTX1 is the new Basic Intercom Bluetooth® Stereo System for “**Rider/Passenger**” conversations of the Next Generation, with a range of action of 10 m.

NEW

Bluetooth technology **3.0**

Bluetooth™



Intercom

up to 2 people



range of up to 10 m



Universal Intercom Function

For communication between different brand intercoms



> Specifications



Equipped with the **Universal Intercom** function to match to **any brand** intercom using the full duplex intercom.



Midland **BTX1** comes with the **Bluetooth® Midland BT Remote control** to manage all functions directly from the motorcycle handlebar without wires and without distractions.



For group communication with no limits to the number of users, **BTX1** can be used with **Midland G8BT** for **communication at up to 12 km**.



Stereo music with Play/Pause and Fast-forward/Rewind control



Waterproof



Bluetooth® Wireless Technology 3.0 with DSP



Vox for voice activation of the Intercom function and telephone response (hands-free)



AGC technology for automatic volume control



Excellent audio quality at high speeds (DSP technology)



Battery life: **10 hours of conversation**



USB programmable (configure the device and update the firmware)



Vocal messages: provides vocal messages on the device status and battery charge



Aerodynamic design, just 18 mm thick



Compatible with all helmet types

> Bluetooth® connections:



Mobile telephones/Mp3 with Bluetooth



GPS devices (with **Background function** for GPS audio in the background as you speak)



PMR446 radio with Bluetooth

> Wired connections for rider and passenger devices:



iPod/MP3 player stereo



PMR446 radio

Manual controls: telephone, intercom and wired connection activation

Available: **single pack C1033**
twin pack Twin C1033.01

(Pack contains: see table)



Compatible with all helmet types

Packs allow all fitting options: they include the installation kits with boom microphone and wired microphone for jet, modular and full-face helmets



Firmware upgrade

Next generation devices can be upgraded from the website www.midlandradio.eu

BT CITY & EVA

Intercom & Entertainment Systems

Midland BT City for him and **BT Eva** with **Swarovsky** for her, the “Rider/Passenger” and “Bike-to-Bike” intercoms for **2 motorcyclists**, with a **range of action of up to 200m**. Devoted to the most demanding bikers and scooterists in town.

Bluetooth technology **2.1**

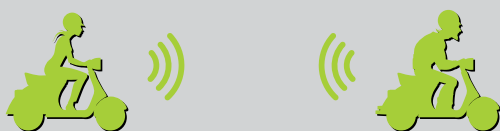


Intercom

up to 2 people



range of up to 200 m



TALK2ALL - Radiocomm

BT City and BT Eva, just like the Next Generation intercoms can be **combined with Midland G8 BT**, the radio that extends **communication to an unlimited number of people**



> Specifications



For **group communication with no limits** to the number of users, **BT City&Eva** can be used with **Midland G8BT** for **communication at up to 12 km**.



Stereo music with Play/Pause and Fast-forward/Rewind control



Waterproof



Bluetooth® Wireless Technology 2.1 with DSP



Vox for voice activation of the Intercom function and telephone response (hands-free)



AGC technology for automatic volume control



Battery life: **8 hours of conversation**



USB programmable (configure the device and update the firmware)



Compatible with all helmet types

> Bluetooth® connections:



Mobile telephones/Mp3 with Bluetooth



GPS devices (with **Background function** for GPS audio in the background as you speak)



PMR446 radio with Bluetooth



Firmware upgrade

BT City&Eva devices can be upgraded from the website www.midlandradio.eu



Compatible with all helmet types

Packs allow all fitting options: they include the installation kits with boom microphone and wired microphone for jet, modular and full-face helmets

> Wired connections for rider and passenger devices:



iPod/MP3 player stereo



PMR446 radio

Manual controls: telephone, intercom and wired connection activation

Available:

Individual pack

BT City C929

BT Eva C930

Twin pack

BT City C929.01

BT City&Eva C930.01

(Pack contains: see table)



With BT City/Eva, go from the motorcycle to the ski slopes and bicycle etc.

Choose the kit that changes your motorcycle intercom into a perfect intercom for the ski slopes, climbing, bicycle, etc., anywhere your passions take you.

> BT Ski Audio Kit code C932

To use BT City & Eva with earwarmers on the ski slopes.

> BT Ski Universal Kit code C1053

To use BT City & Eva with ski helmets.

> BT Action Kit code C1030

To use BT City & Eva with or without helmets when cycling, climbing, etc.

BT REMOTE

Advanced remote control system

The **Midland BT Remote** is a Bluetooth® remote control able to manage **BT Next**, **BTX2** and **BTX1** functions.



Waterproof



Easy to mount and remove, it is a concentrated solution for technology, safety and function, **suited for all handlebar types** of all motorcycles.



With the **BT Remote** you can **activate and command all functions of the Midland devices without taking your hands off the handlebar**, thanks to 5 convenient buttons



Standard mini USB recharging socket

> Available as an individual pack
BT Remote - C1032



Compatible with:



BT Next



BTX2



BTX1



G8E-BT

For group communication with built-in Bluetooth technology



TALK2ALL

Midland **G8BT** PMR446 Bluetooth transceiver, **extends communication between groups of motorcyclists with no limit to the number of users and a range of up to 12 km.**



IPX5 certified, it is resistant to water, dust and impact.



Vox for voice activation, to communicate hands-free, adjustable on 3 levels



Battery life: **12 hours with alkaline batteries**

> Other specifications: see p. 12, section PMR446

IPX5
WATERPROOF



BT line technical specifications

	BT NEXT	BTX2	BTX1	BT CITY & EVA
> FUNCTIONS				
INTERCOM	<ul style="list-style-type: none"> 6 people Bike-to-Bike, Rider/ Passenger Universal Intercom Maximum distance 1.6 km Voice activation (VOX) and/or with button 	<ul style="list-style-type: none"> 3 people Bike-to-Bike, Rider/ Passenger Universal Intercom Maximum distance 800 m Voice activation (VOX) and/or with button 	<ul style="list-style-type: none"> 2 people Rider/Passenger Universal Intercom Maximum distance 10m Voice activation (VOX) and/or with button 	<ul style="list-style-type: none"> 2 people Bike-to-Bike, Rider/ Passenger Maximum distance 200m Voice activation (VOX) and/or with button
TELEPHONE	<ul style="list-style-type: none"> Incoming call alert Voice answer (Vox) Voice-activated call Call last number Refuse call 	<ul style="list-style-type: none"> Incoming call alert Voice answer (Vox) Voice-activated call Call last number Refuse call 	<ul style="list-style-type: none"> Incoming call alert Voice answer (Vox) Voice-activated call Call last number Refuse call 	<ul style="list-style-type: none"> Incoming call alert Voice answer (Vox) Voice-activated call Call last number Refuse call
GPS	<ul style="list-style-type: none"> Audio information from Bluetooth® GPS satellite navigator 	<ul style="list-style-type: none"> Audio information from Bluetooth® GPS satellite navigator 	<ul style="list-style-type: none"> Audio information from Bluetooth® GPS satellite navigator 	<ul style="list-style-type: none"> Audio information from Bluetooth® GPS satellite navigator
MUSIC	<ul style="list-style-type: none"> Hi-Fi stereo connection with Bluetooth® music player/mobile telephone/GPS 	<ul style="list-style-type: none"> Hi-Fi stereo connection with Bluetooth® music player/mobile telephone/GPS 	<ul style="list-style-type: none"> Hi-Fi stereo connection with Bluetooth® music player/mobile telephone/GPS 	<ul style="list-style-type: none"> Hi-Fi stereo connection with Bluetooth® music player/mobile telephone/GPS
FM RADIO	<ul style="list-style-type: none"> Built-in, with 6 radio station memories 			
> CONNECTIONS				
BLUETOOTH®	2 devices of GSM, GPS, MP3, PMR446 with built-in Bluetooth.	1 device of GSM, GPS, MP3, PMR446 with built-in Bluetooth.	1 device of GSM, GPS, MP3, PMR446 with built-in Bluetooth.	1 device of GSM, GPS, MP3, PMR446 with built-in Bluetooth.
WIRED	iPod, MP3, PMR446	iPod, MP3, PMR446	iPod, MP3, PMR446	iPod, MP3, PMR446
GROUP COMMUNICATION	<ul style="list-style-type: none"> with PMR446 with built-in Bluetooth® (Midland G8 BT) with wired PMR446 Maximum distance 12 km* 	<ul style="list-style-type: none"> with PMR446 with built-in Bluetooth® (Midland G8 BT) with wired PMR446 Maximum distance 12 km* 	<ul style="list-style-type: none"> with PMR446 with built-in Bluetooth® (Midland G8 BT) with wired PMR446 Maximum distance 12 km* 	<ul style="list-style-type: none"> with PMR446 with built-in Bluetooth® (Midland G8 BT) with wired PMR446 Maximum distance 12 km*
HANDLEBAR REMOTE CONTROL	compatible with Midland BT Remote	compatible with Midland BT Remote	compatible with Midland BT Remote	-
> SPECIFICATIONS SHARED BY ALL MODELS				
<ul style="list-style-type: none"> Voice command (Vox) for activating the Intercom function and answering the telephone Manual controls for telephone, intercom and wired connection activation AGC technology for automatic volume control Background function for GPS audio in the background as you speak Lithium polymer batteries USB wired programmable for firmware configuration and update Vocal messages on the device status and battery charge (only Next Generation) Compatible with all helmet types (jet, modular, full-face) 2 mount types: on a slide support with clamp (removable) or adhesive slide support (fixed) Audio kit consisting of 2 stereo speakers and 2 interchangeable microphones (on boom and wired) 				
> PACKS				
All packs contain 2 types of interchangeable microphones (boom and wired), 2 types of fittings: sliding with clamp (removable) and sliding adhesive (fixed), audio kit with ultra-slim speakers and wall charger.				
INDIVIDUAL	C969	C1034	C1033	BT City C929 BT Eva C930
TWIN	C969.01	C1034.01	C1033.01	BT City C929.01 BT City&Eva C930.01

BT line accessories/transceivers

Standard stereo audio kit

BT Next Audio kit - C1008
complete with speaker and 2
microphones (wired/boom)
**Compatible with BT Next,
BTX1, BTX2**



Standard stereo audio kit

BT2 Audio kit -C893
complete with speaker and 2
microphones (wired/boom).
**Compatible with BT2, BT1, BT
Single**



Standard stereo audio kit

BT City&Eva Audio kit - C938
complete with speaker and 2
microphones (wired/boom).
Compatible with BT City&Eva



High performance Hi-Fi speakers

Hi-Fi Speaker - C895
Compatible with BT2, BT1, BT Single



Bi-adhesive helmet fixing system

BT City&Eva external mike clamp - C978
with boom microphone
Compatible with BT City&Eva



Double helmet mounting kit

BT Next Mounting kit - C1009
with clamp base and bi-adhesive base
Compatible with BT Next, BTX1, BTX2



Midland BT/Scala Rider Cardo audio kit

Clamp BT XL Dual Fix - C836.01
Helmet fixture (20 cm long) with bi-adhesive.
Compatible with BT Intercom, BT Rider



Double helmet mounting kit

BT City&Eva Mounting kit - C937
with clamp base and bi-adhesive base
Compatible with BT City&Eva



Double helmet mounting kit BT2

BT2 Mounting kit - C898
clamp base and bi-adhesive base
Compatible with BT2, BT1, BT Single



12 V travel charger for the BT line

AI 12 V - C894



Double BT line USB wall charger

MW BT - C1057



Emergency charger

Emergency Charger - C920

In the event of emergency or flat battery, the emergency charger enables the various BT line models, Midland Action video cameras, devices with MiniUSB sockets and a great many different mobile telephone models to be recharged using the adapter cables provided



BT City/Eva stereo headphones (ear-warmer type)

BT Ski Audio Kit - C932

with microphone and Velcro strap to fasten to the helmet.
Enables the BT City&Eva to be used on the ski slopes



BT City/Eva Universal ski helmet kit

BT Ski Universal Kit - C1053

Consists of stereo speaker and built-in arm-mounted microphone, Velcro strap and bi-adhesive clamp for fastening to the helmet



BT City/Eva bicycle helmet kit

BT Action Kit - C1030

Kit for installation on bicycle, climbing helmets etc. or to use without a helmet BT City&Eva. Consisting of rotating collar, Velcro band and single earpiece



Kit for fastening to motorcycle handlebar

Kit 161

Compatible with: Midland series G7, G8 and G9e G9



Motorcycle rider kit

MA 46 - C660

MA46 is a microphone speaker solution to be combined with a 2-pin transceiver for Bike-to-Bike communication.

Equipped with a handlebar PTT button to activate transmission.

To connect the passenger, a radio with Intercom connection will be required, such as the Midland G8, and the adapter cable BHS303, combined with a microphone/speaker (CHS300, OHS550 or OHS500).



Bluetooth adapter for transceivers

BPA 200 - C900

When **PBA200** is connected to a transceiver, **wireless Bluetooth accessories can be used** (such as mobile telephone earpieces and Bluetooth motorcycle intercoms).

Built-in PTT button, completely waterproof.

BPA200 is compatible with:
all Alan or Midland devices with 2-pin sockets.



Adaptors kits for BT intercom to radio transceiver



**BHS300U
BHS301**

BT312

Kit 128 - 2-pin radio

Complete kit for 2-pin radio connection

with PTT (for Midland G6, G6 XT, series G7, G8, G9).

Includes: BHS300U+BT312

Compatible with the BT line

Kit 129 - 1-pin radio

Complete kit for 1-pin radio connection

with PTT (for Midland 777, Midland G5 and G5 XT).

Includes: BHS301+BT312

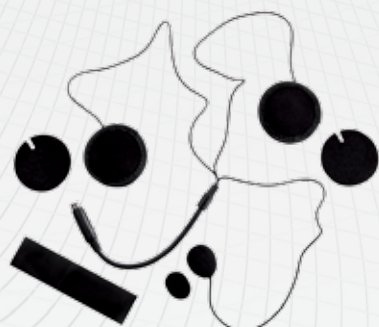
Compatible with the BT line

Adaptors kits for radio transceivers to helmets

KIT 130 (rider) - 2-pin radio

Complete microphone/speaker kit with PTT for 2-pin radio connection (Midland G7, Midland G8) for full-face, jet and modular helmets.

Includes: CHS300+OHS500+BHS300N



CHS300



OHS500



BHS303



BHS300N
BHS301

KIT 131 (rider) - 1-pin radio

Complete microphone/speaker kit with PTT for 1-pin radio connection (Midland 777) for full-face, jet and modular helmets.

Includes: CHS300+OHS500+BHS301

KIT 132 (passenger) - G8 Midland radio

Complete microphone/speaker kit for full-face, jet and modular helmets.

Includes: CHS300+OHS500+ BHS303

Wired solution single package

Microphone/speaker with internal armband

OHS550 - code C801



2m spiral extension cable

EXT300 - code C853



Stereo headphones

SHS300 - code C852

for full-face and jet helmets with adapter 3.5 mm/2.5 mm



Microphone/speaker with external armband

OHS500 - code C800

Microphone/speaker for full-face helmet

CHS300 - code C802

Adapter cable for 2-pin radio with PTT

BHS300N - code 41940

BHS300U - code 41939 (BT Line)

BHS300K - code 41942 (Kenwood plug)

Adapter cable for 1-pin radio with PTT

BHS301 - code C798

Adapter cable for passenger intercom socket

BHS303 - code C799

Adapter lead

BT 312 - C905

Adapter lead for radio connection to be used with a BHS300 or BHS301 lead

Images: see above and previous page



How to choose the right cable:

First **choose the type of microphone/earpiece best suited to your helmet** (CHS300, OHS550 or OHS500).

Then choose the adapter lead(BHS300N/U, BHS301) according to your radio's accessory socket (1-pin or 2-pin).

The **BHS303 adapter cable** is exclusively for connecting the passenger to radio equipment fitted with intercom sockets, such as the Midland G8.

The BHS303 cable should be matched to a microphone speaker (CHS300, OHS550, OHS500).

Bike-to-Bike and Rider/Passenger communication takes place by pressing the PTT button.



Midland BT Ski

Bluetooth® stereo headphones - "2-person" intercom



Intercom 200m



Stereo



Mobile
telephone



iPod/MP3



Walkie Talkie



Dual use:
with/without helmet

Midland BT SKI is the smallest, most practice stereo device designed for those practising sports and recreational activities in the mountains.

Allows you to speak in intercom mode with another BT SKI and answer the mobile telephone using voice activation, without any distractions or having to stop.

Midland BT SKI is easy to use and compatible with all latest generation mobile telephones with built-in Bluetooth.

It is compatible with iPod/MP3 player and with PMR446 transceivers for group communications.

BT SKI is a Bluetooth device. It can be worn by means of a practical earwarmer type earpiece (standard version) or applied to a ski helmet (Universal Helmet version).

Midland communication products are manufactured using quality materials, designed to meet the demands of users requiring practical, reliable instruments.

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Compatible with
iPhone®, iPod® and
MP3 Player



Limited Edition: BT Ski Crystal



Group communication

Midland BT SKI, combined with the PMR 446 transceivers and the optional lead (kit 129) or by Bluetooth as with the Midland G8 BT, allows for communication with more than one person/groups.

High quality stereo audio

BT SKI on an equal footing with stereo headphones, allows you to listen to music with excellent audio quality.

Bt ski for teaching

midland BT SKI is an extremely useful instrument for ski instructors, for both individual and group lessons (combined with PMR446 transceivers).

Safety on the slopes

Listen to music, speak to friends in complete safety, adjusting the volume so that you are not isolated from the outside world. Remember, it is important

> Features

- Practical, convenient earwarmer type system with built-in audio kit
- Universal system for fastening to semi-rigid helmets with removable pads
- High quality stereo audio
- Bluetooth for connecting to the mobile telephone and Midland G8 BT transceiver with built-in Bluetooth
- 2-way intercom (skier/skier) with maximum distance of 200 m
- Wired connection for iPod/MP3 player
- Wired connection (optional) for PMR446 transceivers for group communication

- Lithium batteries
- AGC - Automatic volume control
- Long autonomy at low temperatures

> Accessories: see next page



Firmware upgrade

BT Ski devices can be upgraded from the website
www.midlandradio.eu



> Packaging and Codes

Standard version with earwarmers:

1 black BT Ski device, 1 earwarmer audio kit with two stereo speakers and rigid armband microphone, 1 Velcro band for fastening to the helmet, 1 stereo audio lead to connect an iPod or any other MP3 player, 1 wall-mounted power supply with mini USB lead

BT Ski code C928.04

BT Ski Twin earwarmer Kit 164

Universal helmet version:

1 black BT Ski device, 1 wired audio kit complete with two stereo speakers and incorporated armband microphone, 1 Velcro band and 1 dual adhesive clamp for fastening to the helmet, 1 stereo audio lead to connect an iPod or any other MP3 player, 1 wall-mounted power supply with mini USB lead

BT Ski Code C928.03

BT Sky Twin universal helmet Kit 163

BT Ski universal helmet Crystal cod. C928.08

Pack of 4 pcs BT SKI with display:

Ear-warmer version C928.05

Universal helmet version C928.06

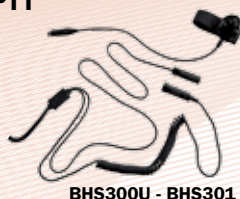


BT SKI Accessories

Kit for radio connection with PTT

Kit 128 - 2-pin radio
for Midland G5XT, G6 XT, series G7,
G8, G9.

Includes: BT312+BHS300U



BHS300U - BHS301

Kit 129 - 1-pin radio
for Midland 777, Midland G5 and
G5 XT.

Includes: BHS301+BT312



BT312

Stereo headphones to use BT SKI on the motorcycle

BT Moto Audio Kit - C933
with 2 microphones (boom and wired)
and two fixtures
(screw and bi-adhesive)



12 V travel power supply AL12V - C894



Emergency charger

Emergency Charger - C920
(see p. 28)



Hygienic disposable ear-warmer cover (ideal for ski schools) Code C993



Kit for the installation of BT Ski on bicycle/ climbing helmets, etc.

BT Action Kit - C1030

Kit for the installation of BT Ski onto bicycle/climbing helmets etc. or
to use BT Ski without a helmet. Consisting of rotating collar, Velcro
band and single earpiece (available as from November 2011)



Subzero Sportek

Bluetooth headphones with built-in
microphone



Subzero Sportek is easy to use and guarantees excellent audio
quality, perfect for communicating and staying in contact at all
times, hands-free.

When matched to mobile telephones, it acts as an earpiece
with which to answer the telephone and listen to music; when
matched to a **PMR446 Midland G8E-BT transceiver** it extends
communication to groups of people; if **connected to a PC** (with
built-in Bluetooth®), you can telephone via Skype hands-free.

Subzero Sportek is hard-wearing yet very flexible.

Commands are ergonomic, positioned on the right-hand side of
the device. It can be worn for hours at no discomfort.

> Features

- Up to 7 hours of conversation/listening to music
- Battery duration on stand-by:
• up to 140 hours
- Rechargeable batteries with option of recharging from the AC
power supply (not included) or PC by means of USB lead
- Scope: up to 10 metres
- Profiles: A2DP, AVRCP, Bluetooth Headset and Handsfree
- Bluetooth: version 2.1
- Weight: 103 g

> Packaging and code

Bluetooth stereo headphones, 3 pairs of sponge pads to best
adapt the headphones to your ear, USB lead
C1028 code



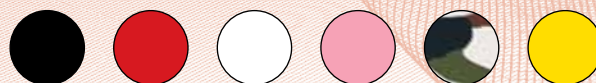
Subzero

Stereo headphones - ear-warmer

Subzero, built-in Hi-Fi stereo headphones in a practical, warm, earwarmer type system, to answer the mobile telephone and listen to music with excellent audio quality.

Subzero is compatible with all latest generation mobile telephones, with **iPod** and **iPhone**, equipped with answer button for telephone calls and with Play, Stop/Skip song for listening to music. The Midland Sub Zero Music headphones are equipped with **two wires**:

one with microphone and Answer/Command function for the mobile telephone or Play/Pause for music (iPod, iPhone, MP3 and the best mobile telephones), the other with **microphone and PTT for connection to 2-pin Midland transceivers**.



> Colours available:

- Black
- Red
- White
- Pink
- Camouflage
- Yellow
- Black leather

code C936.03
code C936.04
code C936.05
code C936.06
code C936.07
code C936.08
code C936.13



Subzero Sun

Summer stereo headphones

The new stereo headphones are covered in cool cotton within and breathable fabric on the outside.

To listen to music, with a microphone to answer the telephone, to connect up to PMR446 2-pin transceivers (same specifications as the standard Subzero).



> Colours available:

- Black
- Orange

code C936.17
code C936.18



GPS navigators

Thanks to the TwoNav software pre-installed on the GPS and the specific hardware functions such as the electronic compass, the barometric altimeter, the support of up to 32 Gb in SD memory and the large colour display, Aventura and Sportiva are the most highly evolved, flexible GPS systems the market currently has to offer. GPS Aventura also acts as a road navigator giving vocal instructions.



TwoNav Aventura

> Specifications

- Sirf III GPS receiver
- Road navigator giving vocal instructions
- Support for raster and vectorial cartography
- 2D and 3D view
- Points of Interest (POI), text notes and photography management
- Size: 130 mm x 75 mm x 30 mm (weight 215 g)
- "V Map Italia" road cartography
- Fully shock-resistant and water-resistant
- Screen: 3.5" high definition touch screen
- Battery: Lithium 3000 mAh
- Memory: up to 32Gb with SD HC memory card
- Mini USB 2.0 connector for PC connection and charging
- Electronic compass
- Barometer
- Thermometer

> Packs and Codes

1 GPS Aventura, SD 4 Gb memory card, Italy V-map TeleAtlas road map, 12V power supply for car cigarette lighters, PC USB lead, bicycle mount (Herbert Richter), car mount with suction pad, user's manual/installation CD, PC software CompeGPS Land basic version

code C997

> Optional accessories

- Battery pack for AA batteries **code C1000**
- Lithium 3000mAh battery pack **code C1001**
- Transparent screen protection **code C998**
- Protective case **code C999**

> Optional maps

A range of maps are available, both in vectorial and topographic format.

Visit the website: www.compegps.com or www.twonav.com

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TwoNav Sportiva

> Specifications

- Sirf III GPS receiver
- Road navigator (without vocal instructions)
- Support for raster and vectorial cartography
- 2D and 3D view
- Points of Interest (POI), text notes and photography management
- Size: 58 mm x 105 mm x 23 mm (weight 124 g)
- Screen: 3" high definition touch screen
- Water resistance grade IPX6
- Battery: Lithium 1000 mAh
- Internal memory: 2 Gb
- Memory: up to 32Gb with microSD HC memory card
- Mini USB 2.0 connector for PC connection and charging
- 3D electronic compass
- Barometer

> Packs and Codes

1 GPS Sportiva, wall charger, PC USB lead, bicycle mount, user's manual/installation CD, software for PC CompeGPS Land basic version

code C995

code C995.01 (with VMap Italia cartography)

> Optional accessories

- Protective case **cod. C996**

> Optional maps

A range of maps are available, both in vectorial and topographic format.

Visit the website: www.compegps.com or www.twonav.com

Geopoint Box SMS - Geopoint Voice LCD

GPS emergency tracker

Thanks to the GSM/GPRS and GPS network, Geopoint can localise objects and people.



> With the GSM SIM card:

Geopoint requires no subscription to operative centres, it merely requires a subscription or rechargeable telephone card with which to send SMS, connect to the free I-Scout server or make emergency telephone calls (telephone costs vary according to the chosen telephone operator).



Emergency situations



Children's and elders' security



Outdoor activities



Anti-theft device for every kind of vehicle



MyTrack Software

> Features



To track people, vehicles and goods



Portable satellite anti-theft device for the car and motorcycle



Programmable sending of position, speed and altitude by SMS



Sending of an alarm to signal the entrance into or exit from a pre-established area (geofencing)



Send/query to PC by means of GPRS/INTERNET



MyTrack software for PCs able to show device position on a map.



By pressing the SOS button, repeated SMS messages are sent to up to 4 different, pre-programmed telephone numbers.



On-line upgrades

> Geopoint Voice LCD version



Drive to a pre-set destination or a point of route departure



Connection to another Geopoint with indication of distance and direction to reach it



As GSM telephone to call the pre-set numbers in the directory or answer all incoming calls

> Geopoint Box technical specifications

GPS receiver	SiRFstart III - 20 channels
GSM frequencies	850/900/1800/1900 MHz
Data memory	512KB
Communication range	1 USB
Sensors	1 for movement
Size/Weight	74x74x23mm / 120gr
Battery	Standard Li-ion 1000mAh
Conformity	CE marking

> Geopoint Box SMS packs and codes

1 GPS GEOPOINT BOX SMS localiser, 1 wall charger, 1 car power supply, 1 USB lead, Li-ion battery pack, CD RM MyTrack software, device user's manual, MyTrack software user's manual

code C911 Geopoint White
code C911.01 Geopoint Green
code C911.02 Geopoint Grey

> Geopoint Voice LCD technical specifications

GPS receiver	SiRFstart III - 20 channels
GSM frequencies	850/900/1800/1900 MHz
Data memory	2MB FLASH non-volatile
Communication range	1 USB
Sensors	1 for movement
Size/Weight	74x74x23mm / 120gr
Battery	Standard Li-ion 1000mAh
Conformity	CE marking

> Geopoint Voice LCD packs and codes

1 GPS GEOPOINT VOICE LCD localiser with vocal function and 2MB data memory, 1 earpiece kit, 1 wall charger, 1 car power supply, 1 USB lead, Li-ion battery pack, CD RM MyTrack software, device user's manual, MyTrack software user's manual

code C912 Geopoint White
code C912.01 Geopoint Green
code C912.02 Geopoint Grey



Cte International: “40 years of technology and passion”

Since 1972, CTE International has been one of the world's main companies in radio communications, thanks to its great competence, passion and constant market monitoring.

The interpretation of market demands, applied to a knowledge of the most advanced technologies, has enabled CTE to develop a range of services from the in-house development of products and integrated radiocommunications systems to consulting and distribution worldwide.

The world in communication

CTE International is present worldwide, with partners and branches in France, Great Britain, Spain, Germany, Greece, Russia, the Ukraine, Bulgaria, Poland, the United States of America, South America and Singapore, companies that are competent and reliable and which form the backbone of its commercial policy.

CTE guarantees customer satisfaction by truly allowing the world to communicate.

Our Mission

The mission chosen by CTE International is to **guarantee quality in the innovation of communication systems**. The professionalism and commitment that goes into keeping this premise mean that we have led the radio remote communication, digital TV, FM broadcasting, mobile Bluetooth® communication on the motorcycle, for sport (skiing, snowboarding, climbing, free time) and, most recently, in Action video cameras world for the last 40 years.

Philosophy

Our clients

We are the first customers for our products, which, if unsatisfactory for us, cannot be satisfactory for our clients.

We only produce products we ourselves would buy.

Our products

Each new product must be high quality, innovative and built to last. Our CB radios include **the famous Alan 48, which has been working on lorries since 1979.**

The Broadcast FM 2033 transceivers have been working since 1975.

Our products are designed to improve the life of our clients.

The CTE International group

Important companies are part of the group:

- **Midland Radio Corporation** of Kansas City with its historic amateur and professional radio communications brand and the weather radio sector giant in the United States of America
- **Cte Digital Broadcast**, which produces TV transmitters and digital repeaters.
- The industrial pole of Cte Digital Broadcast was established in 2008, comprising the broadcast divisions of CTE International, CTE DB, META System spa and TEK0 Telecom spa.

The sister companies operate with the same criteria of quality, technological reliability and investment in research as do the Italian headquarters.

Business Unit

CTE International has consolidated its position, establishing its offer along 2 main lines, managed by specialised business units: Radio and Microline.

The Radio business unit

The Radio Business Unit deals with the range of products comprising all types of portable and mobile transceivers in the **CB** (citizen band) at 27MHz, in **marine VHF** and **amateur VHF and UHF bands** and communication systems for **Professional networks**.

The **Radio business unit models** also include a vast range of Midland-branded **PMR446** transceivers, a line of **Bluetooth® intercoms** dedicated to **motorcycle** communication and a line of Bluetooth intercom devices and systems **dedicated to sports and free time**.

Under the **Alan Professional** brand, CTE International develops and realises infrastructures, mobile and portable conventional type PMR transceivers and independent networks for communication intended for public and private businesses, emergency services, watch services and the public administration.

In addition to Alan and Midland, in 2001, the **Albrecht** brand also joined the sister company Alan Germany.

The Microline business unit

The Microline business unit is involved in the **development and realisation of professional audio, video and tracking systems for intelligence and counter-espionage**.

Microline solutions are entirely built in Italy by the technical staff of CTE International and stand out for their **constant innovation** in design and construction solutions that are tested in teams with experts of the entities intended to use them.

Famous and appreciated worldwide, the Microline solutions stand out for their **great miniaturisation and reliability**.

Products can be customised to meet specific demands, intended for the complex, constantly evolving world of legal investigations.

Cte Digital Broadcast

The **industrial pole of Cte Digital Broadcast** was established in 2008, comprising the broadcast divisions of CTE International, CTE DB, META System spa and TEK0 Telecom spa.

This Italian industrial pole, with a share capital of 5.1 million euros, aims to develop, produce and market analogue and digital broadcasting systems for radio and TV.



Warranty

All our products are covered by a 24-month warranty, as long as they are sent to our Technical Service Centres together with the tax receipt.
Contact our Authorised Retailer who will tell you where the nearest Service Centre is located.

N.B. no returns of materials will be accepted if not ex works and by prior authorisation of the Sales Department (+39 0522 509420/423) or Customer Technical Assistance Department (+39 0522 509535). Lack of this authorisation will entail the immediate return of products to the sender.

Quality Certified
2 Years Warranty

Certifications



ISO 9001 2008: for the design, production and installation of telecommunication systems and equipment for industrial, military, civil, marine and consumer use.



CTE International is a credited member of **ETSI - the European Telecommunications Standards Institute** - which it helps define standardised technical specifications for telecommunication products and services.



CTE International is part of the **ANIE Federation research and innovation commission**, a member of Confindustria and represents the electro-technical and electronic businesses operating in Italy.

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