

PELTOR™

The Sound Solution



The
Power to
Protect your world

PELTOR™

The Sound Solution



Rally Solutions

Important Notice:

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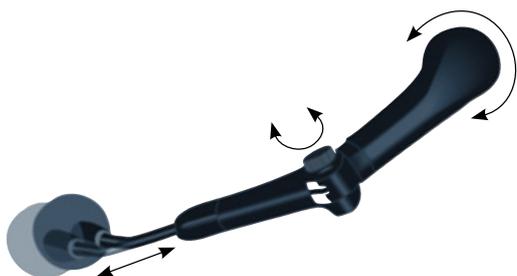
Use limitation, Helmets:

- Do not use this product against hazards other than those specified in this document.
- This helmet has been designed for use with a head and neck support system.
- We recommend consulting a head and neck restraint manufacturer or professional retailer when installing post anchors
- It is intended for competitive automotive or kart racing use only.
- It must not be used by motor-cyclists.
- It must not be used on public streets, roads or highways.
- As the protective capability may diminish over time, it is recommended that helmets are replaced after 5 years.
- No helmet can protect the wearer against all foreseeable impacts. However, for maximum protection, the helmet must be of good fit and the retention system must be securely fastened to retain the helmet. The helmet, when fitted and fastened shall not be removed easily.
- This helmet is so constructed that the energy of an impact may be absorbed through its partial destruction, though damage may not be visible. If it suffers an impact, it must either be returned to the manufacturer for inspection or be destroyed and replaced.
- Make no modifications to this helmet.
- This helmet can be seriously damaged by some common substances such as gasoline, paint, adhesive or cleaning agents without visible damage. For cleaning apply only the following: luke warm water and mild soap.



3M™ Peltor™ G79*

- SNELL SA2010
- H.A.N.S ® post anchors
- FIA8858-2010
- Kevlar®/Carbon Fiber/Fiberglass composite
- Built in hearing protector cups
- Adjustable microphone boom
- Noise cancelling dynamic microphone
- Compatible with: FMT111, FMT120, FMT200
- Compatible with: FL50** series adapters
- Adjustable peak with sun visor



- Quick positioning microphone boom which enable unrestricted airway access, without needing to remove the helmet.
- 4-way adjustment with resistance settings - practically unlimited possibilities for individual settings.



Description	Article no	Size cm	Colour
G79S-D VI	Motorsport helmet, comm. SNELL SA2010	XH001678271	S (56-57) white
G79M-D VI	Motorsport helmet, comm. SNELL SA2010	XH001678289	M (58-59) white
G79L-D VI	Motorsport helmet, comm. SNELL SA2010	XH001678297	L (60) white
G79XL-D VI	Motorsport helmet, comm. SNELL SA2010	XH001678305	XL (61) white
G79S VI	Motorsport helmet, SNELL SA2010	XH001678313	S (56-57) white
G79M VI	Motorsport helmet, SNELL SA2010	XH001678321	M (58-59) white
G79L VI	Motorsport helmet, SNELL SA2010	XH001678339	L (60) white
G79XL VI	Motorsport helmet, SNELL SA2010	XH001678347	XL (61) white
VT79 VI	G79 peak, incl. screws	XH001678354	white

Peltor™ Headsets



- The standard headset can be connected to various communication radio units with adapters (FL50**), or FMT111, FMT120, FMT200
- Microphone with effective noise compensation for clear and reliable communication
- High attenuating shells with optimised acoustic design

Description

J11. Dynamic microphone, 230 ohm, White

Product code

MT7H79A 78-VI

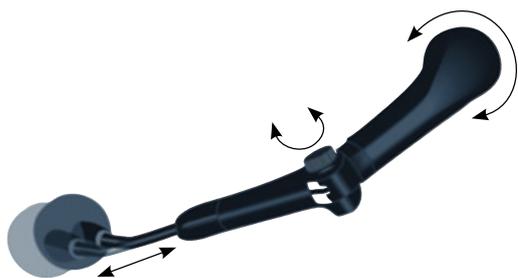
3M™ Peltor™ Rally Solutions



3M™ Peltor™ G89*



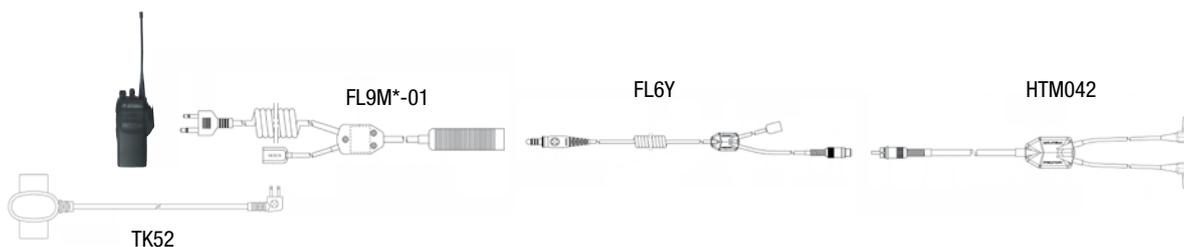
- FIA8860-2010
 - Composite carbon fabric
 - Adjustable peak with sun visor
 - Built in noise attenuating cups
 - Noise cancelling microphone
 - Can also be used with in-ear speakers
 - H.A.N.S® post anchors
 - Compatible with FMT111,FMT120,FMT200
-
- Quick positioning microphone boom which enable unrestricted airway access, without needing to remove the helmet.
 - 4-way adjustment with resistance settings - practically unlimited possibilities for individual settings.



Description		Article no	Size cm	Colour
G89S-D SV	Motorsport helmet, comm. FIA 8860-2010	XH**	S (56-57)	Black
G89M-D SV	Motorsport helmet, comm. FIA 8860-2010	XH**	M (58-59)	Black
G89L-D SV	Motorsport helmet, comm. FIA 8860-2010	XH**	L (60)	Black
G89XL-D SV	Motorsport helmet, comm. FIA 8860-2010	XH**	XL (61)	Black

To modify the G89 to be used with in ear speakers the following parts are needed:

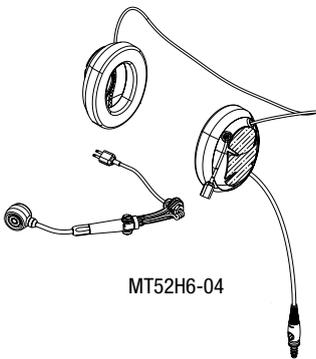
- connection cable (FL9M*-01) or an intercom FMT120 and a flex cable (FL6U-**))
- Push to talk button (TK52 or TK57-01/1)
- in ear speakers /plugs (HTM042)
- Y-cable (FL6Y)





G79 & G89 accessories and spare parts:

Description		Article no
VT89 SV	G89 peak, incl. screws	XH*****
VT79 VI	G79 peak incl. screws	XH001678354
MT52H6-04	Helmet comm kit , dyn. mic, cups with speakers	XH001679030
H6-01	Passive cups, without speakers	XH001658695
DK054	Yellow foam pads	XH001653720
H63-01	Attenuation cushions for cups	XH001659420
VT614	Helmet bag	XH001678966
HYM1000	Microphone protective tape	XH001651328
MT52-2	Microphone, dynamic	



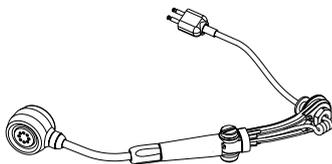
MT52H6-04



VT614



HYM1000



MT52-2



DK054



H63-01

3M™ Peltor™ Rally Solutions

3M™ Peltor™ FMT120 Rally Intercom

- Full duplex communication.
- Audio output (AUX) enables sound recording
- An attenuation switch to change the driver's microphone
- Separate volume controls for driver and co-driver
- LED indicator for On/Off and low battery
- EXT connection for mobile phone or communication radio via flex cables
- Connection for push to talk (PTT) button
- Compatible with Peltor G79, G78 rally helmet
- Possible to switch between dynamic & electret microphone
- Battery Type: 9V Alkaline battery or 12V power from car
- Operating time: 10h with 9V battery



Accessories

FC16	Battery eliminator
TK52	Large PTT button, 2.0 m cord
TK57-01/1	Small PTT button, 1.0 m cord
PPN 10-0102	Dual input box

FMT120 Overview

- | | |
|------------------------------|--------------------------------------|
| 1) AUX connection | 5) PTT connection |
| 2) Volume control, driver | 6) EXT connection |
| 3) LED indicator | 7) Battery lid |
| 4) Volume control, co-driver | 8) Connection to headsets or helmets |

Flex Cables

Comm. radio / mobile phone

FL6U-21	Motorola GP300, CP040
FL6U-31	2,5/3,5mm Straight connector: Icom, Cobra, etc
FL6U-32	Motorola GP320/340 GP360/380 GP328/338
FL6U-35	2,5/3,5mm Angeld connector: Icom
FL6U-36	Kenwood 2,5/3,5mm Angeld connector
FL6U-58	Sepura SPH 2000/3000
FL6U-61	Motorola Visar 3,5mm Straight connector
TAA13-T0299	Icom F31/41 F51/61
FL6U-65	Motorola GP344/388 GP328+/338+
TAA22-T0299	Vertex VX160 VX400
PPN 09-0156	Iphone 3,5mm 4-pole
PPN 09-0156A	Sony Ericsson, Nokia etc. 3,5 mm 4-pole



3M™ Peltor™ FMT120



Mobile Phone Set-up



Communication Radio Set-up



Dual input - Mobile phone & Communication Radio Set-up



3M™ Peltor™ Rally Solutions

3M™ Peltor™ FMT111 Rally Intercom

- Basic rally intercom.
- Full duplex communication
- An attenuation switch to change the driver's microphone
- One control switch for on/off, and volume for driver and co-driver
- Compatible with Peltor Rally helmet and headsets
- Power: Battery Type: 9V Alkaline battery or 12V power from car
- Operating time: 10h with 9V battery



Accessories

FC15	Battery eliminator
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FMT111 Vs FMT120



FMT111



FMT120

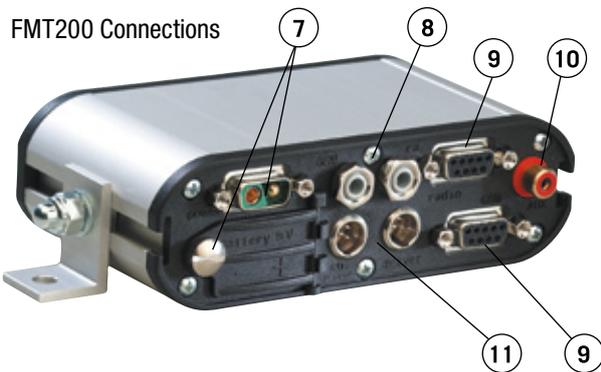
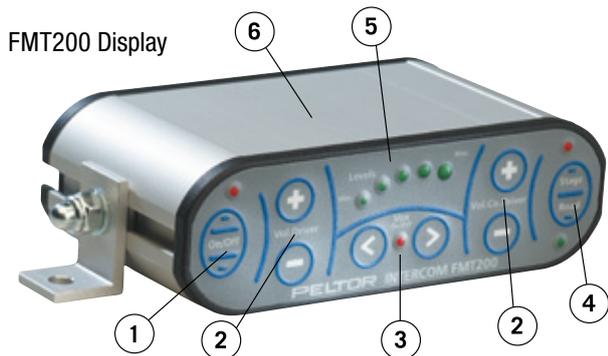
AUX RCA Output	-	✓
Seperate volume Controls	-	✓
LED indicator	-	✓
EXT connection, Phone / comm. radio	-	✓
Microphone	Dynamic	Dynamic or Electret
Battery Eliminator	FC15	FC16
Connector	Generic	Nexus



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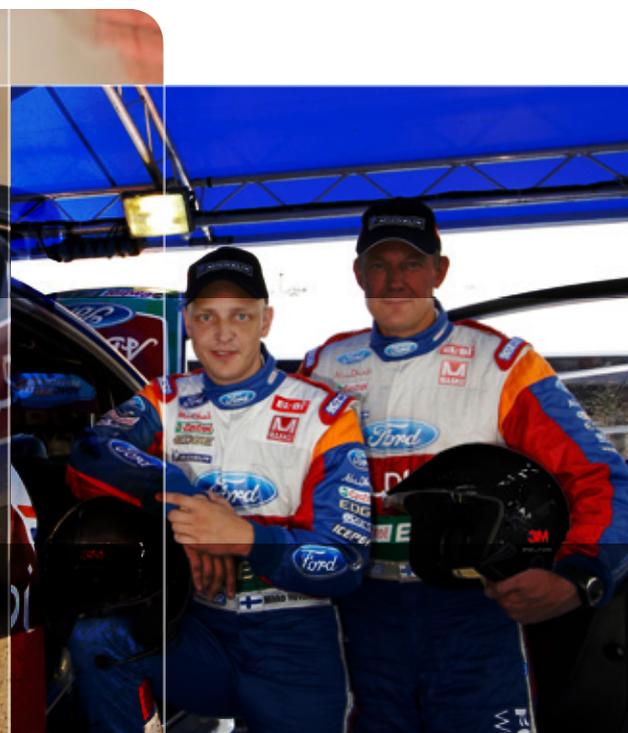
Peltor™ FMT200 Rally Intercom

The Peltor FMT200 Rally Intercom is the result of over 20 years' experience in rally competition and close collaboration with several world-leading rally teams. It was designed to minimise interfering noise from other electronics in the car and maximise audibility and communication ability in the extreme environment of a rally car. The Peltor FMT200 can also be connected to a communication radio, GSM telephone or an audio output signal for video.



FMT200 Product Description

- 1) On/Off key
- 2) Separate volume regulation for the driver and navigator
- 3) VOX function, which can be used during inter-stage routes and to minimise noise in the system.
- 4) Stage/Road key. In Road mode (inter-stage) it allows full communication via a GSM telephone and a com radio, and in Stage mode (special stage) it closes to external communication and reduces the driver's microphone level by 10 dB.
- 5) Volume and VOX level LED
- 6) Aluminium box with a front and back of jointed plastic to minimise electronic interference.
- 7) Power supply by 9-V battery or connection to the car battery (cord included)
- 8) Signal adjuster for GSM telephones and com radios
- 9) Jacks (9-pin) for GSM telephones and com radios
- 10) Output for audio signal for video
- 11) Headset/helmet jack



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Circuit Racing Solutions

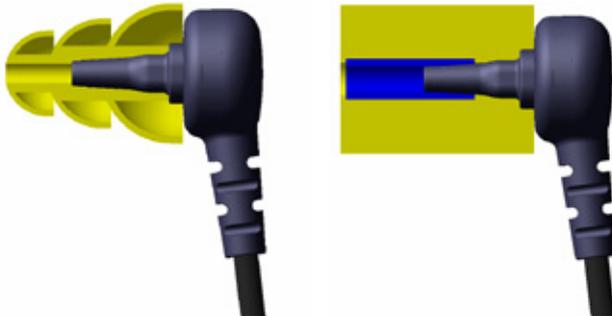


3M™ Peltor™ Circuit Racing Solutions



3M PELTOR™

Peltor™ In-ear Communication Plugs



- High quality in-ear speakers with noise attenuating plugs
- Small size for comfortable use with Motorsport helmets
- CE-approved according to EN 352-2:2002 and EN 352-6:2002
- Plugs are replaceable for hygienic reasons
- Comes with two different types of ear plugs - Classic and Ultrafit
- RCA plug for quick blind mounting
- Connect to Peltor Intercom or straight to Comm. radio
- Can also be used with throat mic. and FL50** PTT



Description

Racing Comm Plugs full face helmet Kit
 Racing Comm Plugs open face helmet kit
 Racing Comm Plugs
 20 pairs of Classic comm. plugs
 20 pairs of Ultrafit comm. plugs

Product code

MT63-FL6Y
 MT3N-FL6Y
 HTM042
 PELTIP21-01
 PELTIP11-01

Contains

in-ear speakers, microphone, y-cable, 2x4 plugs, clip
 in-ear speakers, microphone, y-cable, 2x4 plugs, clip
 in-ear speakers, 2x4 plugs, clip

Cables

ICOM IC-F110
 ICOM straight connector
 ICOM angled connector
 Motorola GP300
 Motorola GP340
 Motorola GM350
 Kenwood 6-pole
 Kenwood 8-pole
 Kenwood portable
 Mobile phones (extra adapter TAH**)

Product code

FL9MK-01
 FL9MB-01
 FL9MB-01V
 FL9MC-01
 FL9MD-01
 FL9MJ-01
 FL9MH-01
 FL9MI-01
 FL9MA-01
 FL6-08

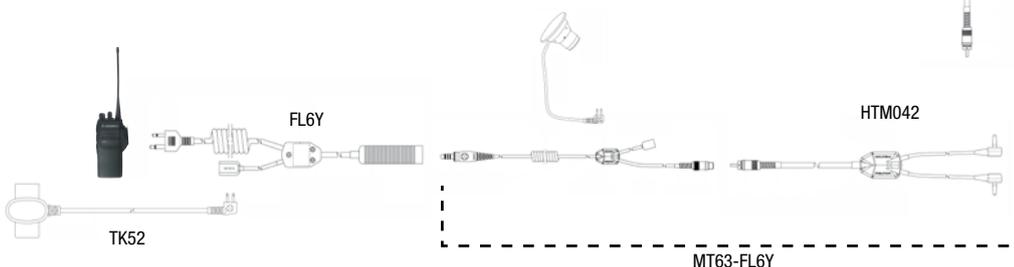
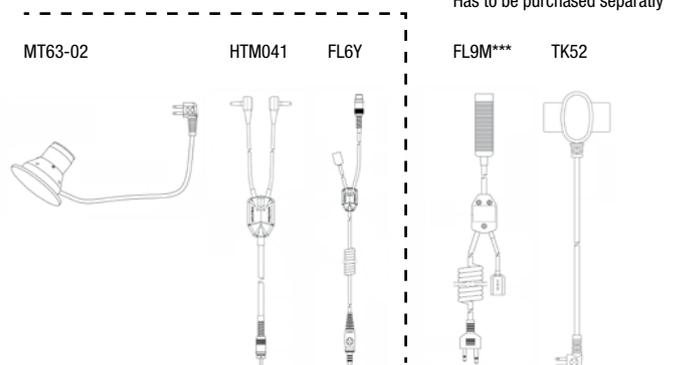
PTT

PTT with large button
 PTT with small button

Product code

TK52
 TK57-01/1

MT63-FL6Y





Pit Crew Solutions

Peltor™ Lite-Com III™ Headsets Built-in Two-way Communication Headset



- Available in two versions; with 8 channels in the PMR 446 MHz band or with 69 channels on the LPD 433 MHz band (A users license may be required)
- On the PMR channels 38 subchannels allow several user groups to communicate without listening to other groups on the same channel
- Built-in active-sound function lets you hear ambient sounds; warning signals, machine sounds, conversation etc
Sudden impulse noise at harmful levels are immediately attenuated
- An electronic voice in the receiver tells you the settings of the device
- LCD display to visualize advanced and standard settings
- Separate PTT button for the auxiliary input, where a cellular phone, a com. radio, or other audio source can be connected
- Unused, Lite-Com III switches off automatically to save the batteries

Accessories

Description

- Rechargeable battery
- Charger EU
- Charger UK

Product code

- ACK03
- FR03-EU
- FR03-UK

Description

- LPD 433 MHz
- LPD 433 MHz
- PMR 446 MHz
- PMR 446 MHz
- Dyn. Mic PMR 446 MHz
- Dyn. Mic LPD 433 MHz

Product code

- MT53H7A430B
- MT53H7B430B
- MT53H7A440B
- MT53H7B440B
- MT7H7A440B
- MT7H7A430B



3M™ Peltor™ Pit Crew Solutions



3M PELTOR™

Peltor™ WS Lite-Com™ Headsets Built-in Two-way Communication Headset



- Wireless communication headset with 8 PMR radio channels in the 446 MHz frequency range
- Bluetooth communication link, supporting Headset, Handsfree and streaming audio (A2DP) protocols
- VOX function for handsfree operation of the communication radio
- Active hearing protector with stereo microphones and level dependent surround sound limitation
- Rechargeable battery or standard AA batteries



Description	Article no	EAN/UPC	Colour	MT53H7A4410WS5
Headband version XH001677026	7318640055001		Dark blue	
MT53H7B4410WS5 Neckband version	XH001677034	7318640055018	Dark blue	
MT53H7P3E4410WS5 Helmet attachment version	XH001677042	7318640055025	Dark blue	

Accessories

Description	Art no	EAN
ACK051 Rechargeable NiMH battery	XH001678610	7318640056305
FR05 Battery charger for ACK051 (incl. EU and UK connectors)	XH001655469	7318640051164
FL5602 External PTT	XH001654561	7318640048614

Peltor™ Lite-Com Pro™ Headsets Programmable Built-in Two-way Communication Headset



- Programmable for communication on max. 30 channels in the 400-470 MHz band (A users license may be required)
- Approved for use in environment with danger of explosion ATEX approved (Ex II 1 G EEx ia IIC T4)
- Built-in active-sound function lets you hear ambient sounds; warning signals, machine sounds, conversation etc.
Sudden impulse noise at harmful levels are immediately attenuated
- An electronic voice in the receiver tells you the settings of the device
- Unused, Lite-Com Pro switches off automatically to save the batteries

Description	Product code
Programmable 430-470 MHz (dynamic mic)	MT7H7F470-50
Programmable 430-470 MHz (electret mic)	MT53H7F470-50
Programmable 400-430 MHz (electret mic)	MT53H7F403-50

Accessories

Description	Product code
Battery charger	FR05
Rechargeable battery	ACK05
External PTT	FL5602-50

Lite-Com™ Pro is only sold through authorized Peltor™ Lite-Com™ Pro dealers

Pit Crew Solutions Lite-Com*

Driver



Team Co-ordinator



FL6BR

FL50**



Engineers / Mechanics





3M PELTOR™



Peltor™ DECT-Com II

- Full duplex system
- Programmable via software
- Operating on the 1,8GHz DECT frequency
- License free in most countries
- Up to 9 people in full duplex communication
- Up to 40 listening with possibility to break in
- Up to 2 external connections,
- Battery charger can also be used as a bracket for fixed base
- Range: up to 300 m
- Standard J11 connection
- VOX or PTT
- Security by digital transmission
- **Only sold via authorized Peltor DECT-Com II dealers**

Pit Crew Solutions – Standard J11 connection



Pit Crew Solutions – Duplex, DECT-Com II



3M™ Peltor™ Pit Crew Solutions

Peltor™ Direct Lead Headsets



- Headsets with a direct connection to various communication radio units
- Microphone with effective noise compensation for clear and reliable communication
- High attenuating shells with optimised acoustic design
- Built-in PTT (push to talk) button on the left ear cup

Description	Product code
Direct lead ICOM/Alinco	MT53H79A-31
Direct lead ICOM angled plug	MT53H79A-35
Direct lead ICOM angled with screw	MT53H79A-95
Direct lead Kenwood	MT53H79A-36
Direct lead Motorola GP300 / CP040	MT53H79A-21
Direct lead Motorola GP340 / GP380	MT53H79A-32
Direct lead Motorola MTP850 / MTH800	MT7H79A-96
Direct lead Mobilphone / Dectphone 2.5 mm	MT53H79A-28
Flex headset (see page 65.)	MT53H79A-77

Peltor™ Headsets



- The standard headset can be connected to various communication radio units with adapters (FL50**)
- Microphone with effective noise compensation for clear and reliable communication
- High attenuating shells with optimised acoustic design

Description	Product code
J11. Dynamic microphone, 230 ohm, Black	MT7H79A
J11. Dynamic microphone, 230 ohm, White	MT7H79A 78-VI

Peltor™ Tactical XP Headsets



- Level dependent function that protects you from harmful noise but at the same time lets you hear ambient sound; conversation, warning signals etc.
- The Tactical XP Headset can be connected to various communication radio units with adapters (FL50**)
- Microphone with effective noise compensation for clear and reliable communication
- High attenuating shells with optimised acoustic design
- Also available with Bluetooth, for wireless connection to communication radio, DECT- or mobile phones

Description	Product code
Headband, J11	MTMT1H7F2-07
Headband, Bluetooth	MTMT1H7F2WS3

3M™ Peltor™ Pit Crew Solutions



3M PELTOR™

Peltor™ Adapters

Product code

FL5001
FL5005
FL5010
FL5011
FL5017
FL5018
FL5019
FL5030
FL5034
FL5035
FL5042
FL5044

Communication radio

Peltor™ "standard"
Ericsson Freeset, Tateco CTS900 (2.5 mm plug)
ICOM IC, Alan, Zodiac (straight connector), Yaesu, Alinco
Dittel FSG 4, FSG 5
Motorola Visar (GP344, GP388 with Motorola's adapter PMLN4455A)
Motorola GP900, HT1000, MT2000
Motorola Expo, Maxon Slim line
Motorola GP340, GP320
ICOM IC-F3GS, IC-F3GT, IC-F4GS, IC-F4GT (angled connector)
Kenwood TK3101, Funkey
Nokia TETRA THR880/ EADS TETRA THR880i
ICOM F31/F41 F51/F61

Product code

FL5058
FL5061
FL5062
FL5063
FL50-T9088
FL50-T9121
FL50-T9139
FL50-T9140
FL50-T9143
FL50-T9148
FL50-T9150

Communication radio

Sepura TETRA SRP2000 / SRH3*00
Sailor SP3510, SP3520
Motorola TETRA MTH800 / MTP850
Motorola Mototrbo
ICOM IC-M1 / M71
ICOM IC-A5 /A23
ICOM IC-F34/F44
Vertex VX 160 / 400
Motorola GP344 / 388
Vertex VX 820, 920
Vertex HX370



Pit Crew Solutions – Standard Headsets + FL50** PTT



MT7H79A 78-VI
MT7H79A Black



MT1H7F2-07



MT7H540F



Other Safety Equipment

Passive Hearing Protection



3M™ E-A-R™ Pistonz™ earplug
Art no. 70-0716-1225-6



3M™ E-A-R™ Torque™ earplug
Art no. 70071544384



Peltor "KID"
Art no: H510AK-442-GB
Art no: H510AK-442-RE

FUEL X2

Pump up your safety compliance levels with some of the best looking protective eyewear on the market. The new Fuel X2 Series – the crossroads of compliance and style.



Product code	Description	Frame	Lens type	Coating
71506-00000M	Fuel X2	Dark Copper	PC Clear	AS / AF
71506-00001M	Fuel X2	Dark Copper	PC Bronze	AS / AF
71506-00002M	Fuel X2	Dark Copper	PC Red Mirror	

3M™ Marcus Grönholm Spectacles

- Hypoallergenic metal frames with adjustable nosepiece
- Formable rubber tipped temples for extra comfort and adjustability.
- Flat temples with spring hinges to wear under helmet.
- De-centered Polycarbonate twin lens, deeply curved for superior eye coverage and optimal field of view.



Product code	Lens type	Protection
71462-00001CP	PC - Clear - Hardium+	UV
71462-00002CP	PC - Bronze - Hardium+	UV - Blue light
71462-00003CP	PC - Blue - Mirror	Solar - Glare

3M™ 1100E Spectacles

- Wrap-around frame with wide temples
- Polycarbonate lenses absorb 99.9% UV radiation
- Soft, adjustable nose-bridge
- Meets the low energy requirements of EN 166
- Available in two lens options: clear, grey
- Each pair comes with a microfibre pouch



Product code	Lens type	Frame
71508-00000M	PC Clear AS/AF	Gun Metal Grey
71508-00001M	PC Grey AS/AF	Gun Metal Grey

3M™ 1200E Spectacles

- Lightweight, half-frame
- Polycarbonate lenses absorb 99.9% UV radiation
- Soft, adjustable nose-bridge
- Meets the low energy requirements of EN 166
- Available in two lens options: clear, grey
- Each pair comes with a microfibre pouch



Product code	Lens type	Frame
71509-00000M	PC Clear AS/AF	Gun Metal Grey
71509-00001M	PC Clear AS/AF	Gun Metal Grey

3M™ Peltor™ Cables & Accessories



3M PELTOR™

Lite-Com III cords

AL3H-T0268	Icom, Zodiac, Maxon etc
AL3BT-T0268	Motorola GP300
AL3CX-T0268	Motorola GP340
AL3H-01-T0268	Icom angled connector
TA950869A-T0268	Motorola Visar
FL6CS	Mobile phone 2.5 mm
FL6CT	Walkman 3.5 mm

Y cords for communication radio

FL9MA-01	Kenwood TK3101, TK260/270/360/370
FL9MB-01	Icom, Zodiac, Maxon etc.
FL9MC-01	Motorola GP300, GP340 via Motorola adapter
FL9ME-01	Zodiac Small-Talk
TK52	Speech button, Velcro attachment, 2 m Y22

Mobile phone station adapter

FL9EH	Motorola GM350/950 adapter, without PTT
FL9EJ	Motorola GM900 adapter, without PTT, int/ext connector
FL9-T9118	IC F310*/410* mobile station, modular
TK52	Speech button, Velcro attachment, 2 m Y22

*Switching required for some Icom mobile stations

FMT200 cords

FL4E	Icom IC-F hand-held com radio
FL4F	Mobile phone 2.5 mm
FL4-T0277	Icom IC F310*/410* mobile station, modular
FL4-T0283	Kenwood mobile station, 6-pole modular
FL4-T0283A	Kenwood mobile station, 8-pole modular
FL4-T0292	Motorola GM350, GM340
J119-01	D-sub contact GSM/com radio

*Switching required for some Icom mobile stations

Communication set for racing, rallycross etc.

MT9	Throat mike
TAMT01	Gooseneck mike J22
ML1A-T0261	Branching cord for the MT9, TAMT01 and stereo earphone

Adapter cord for mobile phone

FL6-08	Adapter cord/mobile telephone
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Fits all mobile phones with a 2.5-mm, 3-pole jack for a portable handsfree kit. Compatible with headsets like the MT7H79A 78-VI.

MT63 and MT632 communication sets

- Easy to adapt to most helmets
- Ambient noise-compensated, fast-adjusting mike for optimal positioning (3–5 mm from the lips).



MT63



MT632



**3M Occupational Health &
Environmental Safety Division**

3M Svenska AB
Box 2341, SE-331 02 Värnamo
Sweden

Phone: +46 (0) 370 65 65 65
Fax: +46 (0) 370 65 65 99
Email: peltorcommunications@mmm.com
Internet: www.3M.com/Peltorcomms

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