

MANUAL DE UTILIZARE

STATIE RADIO PMR PORTABILA PNI PMR R6



1. INFORMATII PRIVIND SIGURANTA SI AVERTISMENTE

Cititi acest manual inainte de punerea in functiune a dispozitivului.

Antena statiei PMR

Nu folositi niciodata o statie radio care are antena defecta. Daca o antena defecta intra in contact cu pielea, exista riscul aparitiei unei mici arsuri.

Folosirea antenelor neautorizate, modificarile sau adaugarea de accesorii necorespunzatoare pot cauza defectarea statiei si violarea conformitatii produsului. NU schimbati sau modificati antena.

Nu puneti mana pe antena in timpul folosirii statiei. Atingerea antenei reduce raza de actiune a acesteia si poate, de asemenea, aduce daune corporale.

Daca tineti aproape de corp o statie radio in timpul transmisiei, fixati tot timpul statia cu clema pentru centura. Asigurati-va ca atat antena cat si corpul statiei sunt la cel putin 5 cm distanta de dumneavoastra.

Conditii generale de siguranta si de folosire a statiei in vehicule

Verificati si respectati legile in vigoare privind folosirea statiilor PMR in zona unde conduceti.

In cazul vehiculelor dotate cu Airbag-uri

Nu positionati statia radio in zona unde este amplasat Airbag-ul sau in zona de deschidere a acestuia. Daca statia radio este amplasata in zona de deschidere a Airbag-ului si acesta se deschide, statia ar putea fi proiectata cu putere, cauzand rani grave ocupantilor autovehiculului.

Bateriile

Toate bateriile pot cauza pagube materiale si/sau rani corporale cum ar fi arsuri, daca materiale conductoare precum bijuterii sau chei ating zonele

expuse ale bateriei. Se poate forma un arc electric (scurtcircuit) cu materialul conductor, care se incalzeste, astfel, foarte tare. Manuiti cu atentie orice baterie incarcata, mai ales daca o tineti in buzunar, geanta sau orice alt loc care poate contine obiecte metalice. Nu inlocuiti bateriile intr-un zona potential explosiva.

Zone potential explosive

Inchideti statia radio daca va aflati intr-o zona cu potential exploziv. Scanteile pot cauza o explozie sau un incendiu, determinand ranirea sau chiar moartea. **NOTA:** Zonele cu potential exploziv sunt de obicei marcate in mod evident. Acestea pot fi: zone cu combustibil sub puntea barcilor; zone de transfer a substantelor chimice sau a combustibililor; zone in care aerul contine substante chimice sau particule metalice, si, in general, orice zona in care sunteti sfatuiti sa opriti motorul masinii.

Respectati toate semnele si instructiunile din anumite zone.

Cand vedeti " zona de detonare" sau " opriti orice fel de emisie radio" opriti statia radio pentru ca este posibil sa interferati cu alte unde radio si sa generati un incendiu sau alte pericole.

Procedura de emisie si de receptie

Statia radio PMR contine un emitator si un receptor. Pentru a limita expunerea dumneavoastra si respecta limitele de expunere generale, respectati tot timpul procedura care urmeaza:

- Nu transmiteti mai mult de 50% din timpul de lucru
- Pentru a receptiona, lasati butonul PTT liber
- Pentru a emite (vorbi), apasati butonul PTT

Este important sa nu transmiteti mai mult de 50% din timpul de folosire, deoarece statia emite unde de radio frecventa masurabile doar in timpul transmisiei (conform standardelor de masurare). Pentru a transmite, tineti statia radio la aproximativ 5 cm de gura, cu antena orientata in sus.

Interferenta electromagnetica / Compatibilitate

In apropierea oricarui dispozitiv electric exista o interferenta electromagnetica (EMI). Pentru a evita interferenta electromagnetica sau conflicte de compatibilitate, inchideti statia radio in orice locatie unde sunt afisate instructiuni care va spun sa procedati astfel, cum ar fi centrele de ingrijire medicala.

In avion

Cand sunteti la bordul unui avion, inchideti statia radio daca vi se spune sa procedati astfel. Folosirea statiei trebuie sa fie in concordanta cu regulamentul aplicat.

Aparatura medicala – Pacemakers

Asociatia Tehnologiei Medicale Avansate recomanda o distanta de 6 inches (15 cm) intre statiile radio mobile si pacemaker. Persoanele cu pacemaker ar trebui:

- TOT TIMPUL sa tina statia radio la cel putin 15 cm de aparat cand statia este aprinsa
- Sa nu tina statia radio in buzunarul de la piept
- Sa foloseasca urechea opusa peacemaker-ului pentru a evita interferentele
- Sa inchida statia radio imediat daca exista suspiciunea unei interferente

Aparatura medicala – Dispozitive pentru auz

Unele statii radio pot cauza interferente cu unele dispozitive pentru auz. In astfel de cazuri, ar fi indicat sa consultati producatorul aparatului pentru auz pentru a discuta alte alternative.

Alte dispozitive medicale

Daca folositi alt tip de aparat medical personal, consultati producatorul dispozitivului dumneavoastra pentru a determina daca este protejat in mod adecvat de undele de radio frecventa. Doctorul dumneavoastra v-ar putea ajuta in obtinerea unor astfel de informatii.

Avertismente generale

Nu folositi niciodata statia radio in timpul unei furtuni. Nu lasati aparatul la indemana copiilor.

2. INSTALARE

Indepartarea clemei pentru centura



Instalarea bateriilor

Indepartati capacul de pe spatele aparatului.

Introduceti 4 baterii de tip AAA (nu sunt incluse in pachet).

Pozitionati bateriile tinand cont de polaritatea marcata in compartimentul pentru baterii.



Dupa plasarea bateriilor in pozitia lor corecta, puneti la loc capacul.

Avertizare baterie descarcata

Pe ecranul dispozitivului dumneavoastra este afisata, in coltul din dreapta jos, pictograma  care indica nivelul bateriei.

In caz de baterie descarcata, dispozitivul va emite un sunet. Daca veti continua sa folositi aparatul, chiar daca nivelul bateriei este 1, sunetul de alerta va continua sa se auda.

Daca nivelul bateriei scade la 0, ecranul dispozitivului se va inchide automat dupa 30 de secunde. Se va auzi un ton de eroare la apasarea oricarei taste.

Raza de actiune

Raza de actiune depinde de mediul inconjurator si poate fi afectata de forme care pot obstructiona undele, cum ar fi dealuri sau cladiri.

Nu incercati sa folositi doua statii radio daca intre ele este o distanta sub 1,5 m, altfel se poate crea microfonie. Raza de actiune poate fi influentata de structuri din beton, zone cu frunzis des si de aparate radio in functiune.

3. DESCRIEREA STATIEI



88 Cod CTCSS. Se schimbă de la 1 la 38, după cum este selectat de utilizator.

[Bt] Afisează nivelul bateriei.
Când se reduce numărul liniilor, atunci bateria trebuie înlocuită.

TX Afisat când stația emite.

RX Afisat când stația recepționează.

DCN Afisat când funcția Dual Watch este activă.

VOX Afisat când funcția VOX este activă.

4. FOLOSIREA DISPOZITIVULUI

Deschiderea si inchiderea statiei:

1 – Pentru a pune in functiune dispozitivul, tineti apasat butonul MENU / PWR pana cand se aude un sunet scurt.

2 – Pentru a inchide dispozitivul, tineti apasat butonul MENU / PWR pana cand se aude un sunet scurt.

Emisia (transmisie vocala)

Statia receptioneaza semnal in mod continuu, atat timp cat este pornita si nu emite. Cand receptioneaza un semnal pe canalul curent, ecranul LCD afiseaza “RX”.

- a. Tineti apasat butonul **PTT** (Push to talk) pentru a vorbi. Imediat ce incepeti sa emiteti, ecranul LCD afiseaza “TX”.
- b. Tineti statia in pozitie verticala cu microfonul la o distanta de 5 cm de gura. In timp ce tineti apasat butonul **PTT**, vorbiti in microfon cu ton normal al vocii.
- c. Eliberati butonul **PTT**, dupa ce ati terminat de vorbit.

Pentru a fi receptionat de alti utilizatori, trebuie sa fiti pe acelasi canal cu acestia.

Blocarea si deblocarea

Tineti apasata tasta CALL timp de 3 secunde, pentru a bloca dispozitivul

Tineti apasata tasta CALL timp de 3 secunde, pentru a debloca dispozitivul

Scanare automata

Tineti apasata tasta MONI timp de 3 secunde, pentru a activa scanarea automata.

Tineti apasata tasta MONI timp de 3 secunde, pentru a dezactiva scanarea automata.

Reglarea volumului

Aparatul are 8 nivele presetate de volum. Nivele sunt afisate pe ecran.

Apasati butonul  pentru a creste volumul sau butonul  pentru a scade volumul.

Schimbarea canalelor

Aveti la dispozitie maxim 8 canale. Pentru a comunica cu un alt dispozitiv, trebuie sa fiti pe acelasi canal cu acesta.

Apasati o data butonul MENU / PWR; numarul canalului curent va clipi pe ecran.

In timp ce numarul canalului clipeste apasati butonul  pentru a comuta

pe un canal mai sus sau butonul  pentru a comuta pe un canal mai jos.

Apasati butonul PPT (Push to talk) pentru a confirma alegerea canalului sau butonul MONI sau asteptati pana la 10 secunde pentru a confirma.

Schimbarea sub-canalelor

Apasati de doua ori butonul MENU / PWR. Numarul sub-canalului curent va clipi pe ecran (1-38CTCSS-CTCSS este o functie care permite unui grup de persoane sa vorbeasca intre ele, fara sa auda alti utilizatori de pe acelasi canal sau 1-83DCS-DCS este o extensie digitala a CTCSS. Asigura 83 coduri codate digital, care urmeaza dupa cele 38 de coduri CTCSS.

2. In timp ce numarul sub-canalului clipeste:

Apasati butonul  pentru a comuta pe un sub-canal mai sus sau apasati butonul  pentru a comuta pe un sub-canal mai jos.

3. Apasati butonul PPT (Push to talk) pentru a confirma setarea canalului sau butonul MONI sau asteptati pana la 10 secunde pentru a confirma.

Statia PMR PNI R6 este de tip simplex, ceea ce inseamna ca nu puteti receptiona in timp ce emiteti.

Deoarece statiile PMR sunt utilizate in general in libera este necesar sa va identificati intotdeauna cand emiteti.

TABEL CU TONURILE CTCSS

Nr.afisat	Tonul de frecventa Hz	Nr.afisat	Tonul de frecventa Hz	Nr. afisat	Tonul de frecventa Hz
01	67.0	14	107.2	27	167.9
02	71.9	15	110.9	28	173.8
03	74.4	16	114.8	29	179.9
04	77.0	17	118.8	30	186.2
05	79.7	18	123.0	31	192.8
06	82.5	19	127.3	32	203.5
07	85.4	20	131.8	33	210.7
08	88.5	21	136.5	34	218.1
09	91.5	22	141.3	35	225.7
10	94.8	23	146.2	36	233.6
11	97.4	24	151.4	37	241.8
12	100.0	25	156.7	38	250.3
13	103.5	26	162.2		

TABEL CU TONURILE DCS

Numar	Cod	Numar	Cod	Numar	Cod	Numar	Cod
01	023	22	131	43	251	64	371
02	025	23	132	44	252	65	411
03	026	24	134	45	255	66	412
04	031	25	143	46	261	67	413
05	032	26	145	47	263	68	423
06	036	27	152	48	265	69	431
07	043	28	155	49	266	70	432
08	047	29	156	50	271	71	445
09	051	30	162	51	274	72	446
10	053	31	165	52	306	73	452
11	054	32	172	53	311	74	454
12	065	33	174	54	315	75	455
13	071	34	205	55	325	76	462
14	072	35	212	56	331	77	464
15	073	36	223	57	332	78	465
16	074	37	225	58	343	79	466
17	114	38	226	59	346	80	503
18	115	39	243	60	351	81	506
19	116	40	244	61	356	82	516
20	122	41	245	62	364	83	523
21	125	42	246	63	365		

Activarea / Dezactivarea functiei Monitor

Aceasta functie permite utilizatorilor sa asculte semnalele slabe de pe canalul curent, prin apasarea unui buton.

Folosirea functiei Monitor:

Pentru a asculta in mod continuu, tineti apasat butonul MONI. Un beep dublu se va auzi, receptia ramane deschisa, permitand intrarea atat a zgomotelor cat si a semnalelor slabe. Pe ecran apare **RX**. Pentru a va intoarce la modul normal de receptie, tineti apasat butonul MONI.

Trimiterea unui ton de alerta

Pentru a trimite un ton de alerta, apasati scurt, de doua ori butonul **CALL**. Tonul de alerta va fi emis automat pentru o perioada de timp presetata din fabrica. Statia se intoarce la modul standby dupa terminarea tonului de alerta. Pentru o performanta ridicata, asigurati-va ca antena este orientata in sus.

5. FUNCTII

Pentru accesarea si personalizarea functiilor, apasati tasta MENU.

VOX

VOX-ul este o functie de emisie automata, care se activeaza prin vorbirea in microfon, fara a apasa pe butonul PTT.

Statia PMR PNI R6 are o functie de activare automata a emisiei cu ajutorul careia statia va emite un semnal doar cand percepe sunetul vocii dumneavoastra sau un alt sunet. Activarea functiei VOX nu este recomandata daca intentionati sa folositi statia intr-un mediu galagios sau cu vant puternic, pentru ca va emite continuu.

1. Apasati de 3 ori butonul **MENU / PWR**; ecranul LCD va afisa **VX "Off"**
2. Apasati butonul  sau  pentru reglarea sensibilitatii functiei VOX: 1, 2 sau 3
3. Cand functia VOX este activata, pictograma **"VX"** va fi afisata pe ecran

NOTA: In modul **VOX**, utilizatorul poate vorbi direct in microfon activandu-se, astfel, in mod automat emisia.

Selectarea tonului de apel

Aceasta functie permite utilizatorului selectarea melodiei tonului de apel.

1. Apasati de 4 ori butonul **MENU / PWR** pentru a selecta melodia dorita

2. Apasati butonul  sau  pentru a selecta melodia dorita

3. Apasati butonul **PPT** (Push to talk) pentru a confirma setarea canalului sau butonul **MONI** sau asteptati pana la 10 secunde pentru a confirma.

NOTA: sunt disponibile 10 melodii pentru tonul de apel.

Funcția TOT (Time out Timer) pentru a evita defectiuni cauzate de emisie îndelungată

Apasati de 5 ori butonul **MENU / PWR**, ecranul va afisa **OF**. In timp ce

pictograma **OF** clipeste, apasati  sau  pentru a alege **30** (dupa 30 de secunde de emisie, statia se va inchide), **60** (dupa 60 de secunde de emisie, statia se va inchide) si **OF** (pentru a dezactiva functia).

Funcția Roger Beep

Apasati de 6 ori butonul **MENU / PWR**. Pe ecran va aparea **OF**. In timp ce

pictograma **OF** clipeste, apasati  sau  pentru a alege **ON** (activat) sau **OF** (dezactivat). Pentru confirmarea setarii apasati butonul **PTT** sau **MONI** sau asteptati 10 secunde. Cand statia este pornita, setarea implicita pentru functia Roger Beep este dezactivata.

Funcția DCM (monitorizare 2 canale odata)

Apasati de 8 ori butonul **MENU / PWR**. Pe ecran va aparea **OF**. In timp ce

pictograma **OF** clipeste, apasati  sau  pentru a alege **ON** (activat) sau **OF** (dezactivat). La acest model, ecranul LCD va afisa DCM in partea de sus cand functia este activa. Implicit, aceasta functie este

dezactivata. Pentru confirmarea setarii apasati butonul PTT sau MONI sau asteptati 10 secunde.

6. DETALII TEHNICE:

Canale	8
Coduri CTCSS	38
Coduri DCS	83
Baterii	4 x AAA
Frecventa	446.00625 - 446.09375 MHz
Putere emisie	0.5 W
Alimentare	6 V
Banda	12.5 KHz

7. REMEDIEREA DEFECTIUNILOR

Defect	Solutie
Statia nu porneste	Verificati bateriile sa nu fie descarcate. Asigurati-va ca bateriile sunt pozitionate in mod corect. Inlocuiti bateriile vechi cu baterii noi alcaline AAA (4 buc.)
Receptia este slaba	Apasati butonul  pentru a ridica volumul. Semnalul receptionat receptionat poate fi slab si din cauza ca va aflati in afara razei de acoperire.
Raza de actiune este limitata	Daca purtati statia radio aproape de corp, cum ar fi in buzunar sau la curea, exista riscul micșorării razei de actiune. Schimbati pozitionarea statiei. Zonele deschise asigura maximul razei de actiune, in timp ce structurile din beton sau zone cu frunzis des sau folosirea in cladiri sau vehicule limiteaza considerabil distanta de emisie si receptie. Daca indicatorul de baterie descarcata este afisat pe ecran, inlocuiti bateriile.

Probleme de distorsiune a semnalului	Cele doua statii radio sunt prea departe una de cealalta. Obstacolele interfereaza cu transmisia. Distanța optimă de comunicare este între 3 – 5 km în zone fără obstacole. Cele două stații radio sunt prea aproape. Distanța minimă recomandată este de 1,5 m. Mărită distanța dintre aparate. Dacă emiteți, folosiți un ton normal al vocii și țineți microfonul la o distanță de 5 – 7 cm departe de gura. Dacă recepționați, reduceți volumul la un nivel confortabil.
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8. LISTA FRECVETELOR EUROPENE:

Canal Frecventa	Canal Frecventa	Canal Frecventa
1 446.00625	4 446.04375	7 446.08125
2 446.01875	5 446.05625	8 446.09375
3 446.03125	6 446.06875	

USER MANUAL

HANDHELD WALKIE TALKIE PNI PMR R6



1. SAFETY INFORMATION AND WARNINGS

Read This Information Before Using Your Radio.

Radio Antenna

Do not use any radio that has a damaged antenna. If a damaged antenna comes in contact with the skin, a minor burn may result.

Unauthorized antennas, modifications, or attachments could damage the radio and violate compliance. Do NOT change or modify the antenna.

Do NOT hold the antenna when the radio is "IN USE." Holding the antenna reduces range and may cause bodily harm.

Safety and general use in a vehicle

Check the State and Federal laws and regulations regarding the use of two way radios in the area where you drive, and always obey them.

For vehicles fitted with Air Bags

Do not place your radio in the area over an airbag or in the air bag deployment area. Air bags inflate with great force. If a radio is placed in the air bag deployment area and the air bag inflates, the radio may be propelled with great force and cause serious injury to the occupants of the vehicle.

Batteries

All batteries can cause property damage and/or bodily injury such as burns if conductive materials such as jewellery, keys, or beaded chains touches exposed terminals. The material may complete an electrical circuit (short circuit) and become quite hot.

Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

Do not replace batteries in a potentially explosive atmosphere. Contact sparking may occur while installing or removing batteries and cause an explosion.

Potentially Explosive Atmospheres

Turn your radio OFF when in any area with a potentially explosive atmosphere. Sparks in such areas could cause an explosion or fire resulting in injury or even death.

NOTE: Areas with potentially explosive atmospheres are often, but not always clearly marked. They include fueling areas such as below deck on boats; fuel or chemical transfer or storage facilities; areas where the air contains chemicals or particles, such as grain, dust or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn your radio OFF near electrical blasting caps or in a “blasting area” or in areas posted: “Turn off the two way radio.” Obey all signs and instructions.

Transmit and Receive Procedure

Your two-way radio contains a transmitter and a receiver.

To control your exposure and ensure compliance with the general population/uncontrolled environment exposure limits, always adhere to the following procedure:

- Transmit no more than 50% of the time.
- To receive calls, release the PTT button.
- To transmit (talk), press the Push to Talk (PTT) button.

Transmitting 50% of the time, or less, is important because the radio generates measurable RF energy exposure only when transmitting (in terms of measuring standards compliance). Always hold the radio approximately 5cm in front of your mouth with the antenna pointing away from your head.

Radio Operation and EME Exposure

Unauthorized antennas, modifications, or attachments could damage the radio and violate compliance.

Do NOT hold the antenna when the radio is "IN USE." Holding the antenna reduces the effective range.

Do not use the radio if the antenna is damaged. If a damaged antenna makes contact with your skin, a minor burn can result. If you wear a radio on your body when transmitting, always fit the radio on the belt clip (supplied).

Always ensure the radio and its antenna are at least 5cm from your body when transmitting.

Electromagnetic Interference/Compatibility

Nearly every electronic device is susceptible to electromagnetic interference (EMI). To avoid the possibility of electromagnetic interference and/or compatibility conflicts, turn off your radio in any location where posted notices instruct you to do so such as health care facilities.

Aircraft

When instructed to do so, turn off your radio when onboard an aircraft. Any use of a radio must be in accordance with applicable regulations per airline crew instructions.

Medical Devices – Pacemakers

The Advanced Medical Technology Association recommends that a minimum separation of 6 inches (15cm) be maintained between a handheld wireless radio and a pacemaker.

These recommendations are consistent with the independent research by and recommendations of the U.S. Food and Drug Administration.

People with pacemakers should:

- ALWAYS keep the radio more than 15cm from their pacemaker when the radio is turned ON.
- Not carry the radio in the breast pocket.
- Use the ear opposite the pacemaker to minimise the potential for interference
- Turn the radio OFF immediately if there is any reason to suspect that interference is taking place.

Medical Devices - Hearing Aids

Some radios may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy.

Your physician may be able to assist you in obtaining this information.

General warnings

Never use your radio outdoors during a thunderstorm. Keep the radio out of reach of babies and young children.

2. INSTALLATION

Removing the belt clip



Installing the batteries

Slide down the battery compartment cover.
Insert 4 x AAA batteries (not supplied).
Position the batteries according to the polarity marking on the battery compartment.
After placing batteries into correct positions, replace the battery cover.



Low Battery Alert

The LCD on your radio shows a battery meter in the down left corner



icon indicates a fully powered unit.

The Low Battery Alert beep will sound when the battery level drops to Level 1.

If you continue to use the radio at Level 1 the Low Battery Alert beep will sound. If the battery level falls to Level 0 (flashing empty) the LCD display will turn off after 30sec. An error tone will sound if any key is pressed.

Transmitting Range

The talk range will depend on your surroundings and environment it will be affected by obstructions such as hills or buildings.

Don't try to use two radio units which are less than 1.5m (5 feet) apart.

Otherwise, you may experience interference.

Talk range depends on the terrain. It will be affected by concrete structures, heavy foliage and by operating radios indoors or in vehicles.

3. DEVICE DESCRIPTION



BB CTCSS Code. Changes from 1 to 38 as selected by the user.

BATT Displays the Battery charge level. When the bars are reduced, the battery needs to be replaced.

TX Displayed when transmitting a signal.

RX Displayed when receiving a signal.

DCM Displayed when the Dual Watch function is turned ON.

VOX Displayed when the VOX feature is enabled.

4. OPERATING THE UNIT

Turning unit on/off:

1- Switching on

Press and hold the MENU/PWR until you hear a beep sound.

2- Switching off

Press and hold the MENU/PWR until you hear a beep sound.



Lock & Unlock the device.

Press and hold CALL button for 3 seconds to lock the device.

Press and hold CALL button for 3 seconds to unlock the device.

Auto scan.

Press & hold the MONI button for 3 seconds to activate auto scan.

Press & hold the MONI button for 3 seconds to deactivate auto scan.

Adjusting the Volume

You have 8 present volume levels .They are displayed on the LCD screen.

Press the  button to increase the Speaker Volume.

Press the  button to decrease the Speaker Volume.

Press PPT(Push to talk) button to confirm the channel setting or MONI button or wait up to 10 second to confirm

Changing CHANNELS

You have a maximum of 8 channels at your disposal .To communicate with another device,you must both be on the same channel.

1. Press the MENU/PWR button 1 time, the current channel number flashes on the LCD Screen.
2. While the channel number is flashing:

Press the  button to move to a higher channel.

Press the  button to move to a lower channel.

3. Press PPT(Push to talk) button to confirm the channel setting.or MONI button or wait up to 10 second to confirm

Changing SUB-CHANNELS

1. Press the MENU/PWR button 2 times, the current sub-channel number (1-38CTCSS-CTCSS is a feature that allows a group to talk to each other without hearing other users on the same channel) or 1-83DCS -DCS is a digital extension of CTCSS.It provides 83 extra, digitally coded,squelch codes that follow after the 38CTCSS codes) flashes on the LCD Screen.

2. While the sub-channel number is flashing:

Press the  button to move to a higher sub- channel.

Press the  button to move to a lower sub- channel.

3. Press PPT(Push to talk) button to confirm the channel setting or MONI button or wait up to 10 second to confirm.

Your unit is simplex “one way at a time”. While you are speaking, you can not receive a transmission.

Your unit is an open-license band.

Always identify yourself when transmitting on the same channel.

Transmitting (sending speech)

The unit is continuously in the Receive mode when the unit is turned ON and not transmitting.

When a signal is received on the current channel, “RX” icon will be displayed on the LCD screen.

a. Press and hold the PTT (Push to Talk) button to transmit your voice.

The transmit signal icon “TX” will display on the LCD screen.

b. Hold the unit in a vertical position with the Mic (Microphone) 5cm away from the mouth. While holding the PTT button, speak into the microphone in a normal tone of voice.

c. Release the PTT button when you have finished transmitting.

For others to receive your transmission, they must be on the same channel as you.

5. FUNCTIONS

VOX

VOX is the automatic transmitting function by inputting voice into the VOX mic without pressing the PTT key.

Your Walkie Talkie is capable of voice activated (VOX) transmission. In VOX mode, the radio will transmit a signal only when it is activated by your voice or other sound around you. VOX operation is not recommended, if you plan to use your walkie talkie in a noisy or windy environment.

1. Press the MENU/PWR button 3 times, the VX “Off” icon will blink on the LCD Screen.



2. Press the  /  button to select the VOX sensitivity. VOX sensitivity 1, 2, 3 can be selected on this unit.

3. In the VOX mode, the VX icon will be displayed.

4. Press PPT(Push to talk) button to confirm the channel setting or MONI button or wait up to 10 second to confirm

NOTE: On VOX mode, user can speak with their voice through the microphone

to activate transmitting mode automatically.

Melody Call Tone Selection

This function will let user to select the desired Melody Call Tone.

1. Press the MENU/PWR button 4 times, to select Melody Call tone modes.

2. Press the  or  button to select the desired Melody Call tone.

3. Press PPT(Push to talk) button to confirm the channel setting or MONI button or wait up to 10 second to confirm

NOTE: Melody Call Tones is available up to 10 melody tones.

TOT settings

Press the MENU/PWR button 5 times, screen will display **OF**, character **OF** keep flashing, by press **UP** or **Down** button to choose 30, 60 and **OF**, Press PPT (Push to talk) button to confirm the channel setting or MONI button or wait up to 10 second to confirm; default setting is off when power on

Roger beep on/off

Press the MENU/PWR button 6 times, screen will display **OF**, character **OF** keep flashing, by press **UP** or **Down** button to choose ,**ON** or **OF**, press **PTT** button to confirm setting, this is a tone which is automatically transmitted whenever the PTT button is released. Roger Beep is a BEEP that is sent to notify the end of transmission (both PTT and VOX transmission.) Roger Beep can be heard through the speaker when Key Beep is on. Roger Beep is transmitted even if Key Beep is turned off.

However, Roger Beep will not be heard from the speaker. Press PPT(Push to talk) button to confirm the channel setting or MONI button or wait up to 10 second to confirm; default setting is on when power on.

Key Beep

Press the MENU/PWR button 7 times, screen will display **OF**, character **OF** keep flashing, by press **UP** or **Down** button to choose, **ON** or **OF**, Press PPT(Push to

talk) button to confirm the channel setting or MONI button or wait up to 10 second to confirm; default setting is on when power on.

DCM (Dual channel monitor)

Press the MENU/PWR button 8 times, screen will display **OF**, character **OF** keep flashing, by press **UP** or **Down** button to choose, **ON** or **OF**, press the MENU/PWR to set DCM, in this model the LCD will display DCM on the top and When DCM function is active, priority channel is watched every 1.5 seconds; default setting is off when power on. Press PPT(Push to talk) button to confirm the channel setting or MONI button or wait up to 10 second to confirm.

Monitor

This feature enables users to listen in for weak signals on the current channel at the press of a button.

To use monitor:

For continuous listening: Press and hold MONI. A double tone beep will be heard and the receiver circuit will stay open, letting in both the noise & weak signals. Display shows RX.

To return to normal receive mode press and hold MONI

Sending a Call Alert Tone

To send a Call Alert Tone, Press the CALL Button twice in a rapid action. The Call Alert Tone will be automatically transmitted for a factory-set fixed length of time. During transmission, the TX icon appears on the display. The communicator returns to standby mode when the Call Tone sequence is complete. For optimum performance, make sure the ANTENNA is pointing upright.

TECHNICAL DETAILS:

Channels	8
CTCSS codes	38
DCS codes	83
Batteries	4 x AAA
Frequency	446.00625 - 446.09375 MHz
Transmission power	0.5 W
Input voltage	6 V
Banda width	12.5 KHz

TROUBLESHOOTING

Symptom	Solution
No power	The battery may be weak. Check battery. Ensure that the battery are installed properly. Replace the old battery with new Alkaline battery AAA*4PCS
Reception is weak	Press the  button to increase VOLUME. The receiving signal may be weak and/or out of range.
Range is limited	Wearing the radio close to the body, such as in a pocket or on a belt, will decrease range; change the location of the radio. may limit the range significantly. Open fields provide the maximum range, while steel/concrete structures, heavy foliage, and use in buildings and in vehicles Replace with new if the BATTERY CHARGE LEVEL indicator is low. battery Battery may be weak. The maximum range will vary depending on terrain and environment.
Sound distorsion problems	Radios too far apart. Obstacles interfere with transmission. Talk range is up to 3-5KM in clear unobstructed conditions. Radios too close. Radios must be at least 5 feet apart; increase your distance. If you

	are transmitting, speak in a normal tone of voice, 2 to 3 inches away from the MICROPHONE. If you are receiving, lower the VOLUME to a comfortable level.
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EUROPEAN FREQUENCY LIST:

Ch. Frequency	Ch. Frequency	Ch. Frequency
1 446.00625	4 446.04375	7 446.08125
2 446.01875	5 446.05625	8 446.09375
3 446.03125	6 446.06875	

