User Manual

BCPR01

This set includes 2 walkie-talkie units: these are communication devices which operate on mobile radio frequencies. They come with 8/20/22(option) channels as well as a back-lit LCD screen, enabling you to communicate over several kilometres free-of-charge (up to 3 km in open areas)

NOTE: Please read these user instructions carefully before using the equipment and retain for future consultation!

SPECIFIC RECOMMENDATIONS
· If you carry any kind of personal medical device, consult a doctor before use.
· To avoid the risk of burns, do not use the device if the aerial is damaged in any way.
· Do not use the device in a potentially explosive setting (e.g. around petrol pumps, on the lower deck of a boat or around a fuel storage installation or chemical products)
· If travelling in a car or by bike, stop before using the device. Switch off the device if on an aeroplane or in a hospital.
· Never use the device in close proximity to a radio to avoid interference.
· Remove the batteries if the device is not in use for an extended period of time. Never mix used and new batteries.
· Position the transmitter and antenna at least 5 cm from your face. Direct the antenna upwards and speak normally.
· Clean the device with a damp cloth. Avoid the use of cleaning agents and solvents.
· Do not modify the device in any way. In the event of damage occurring, ensure that the device is checked by a qualified professional.
· The device cannot be used to contact the emergency services.

ITEM DESCRIPTION (Pic 01,02)

1. Antenna
2. RX icon -Displayed when receiving
   TX icon -Displayed when transmitting
3. Volume level indicator
4. Adjustor button Up (▲)
5. Continued reception(MON)
6. On /off button (⏻)
7. Adjustor button Down (▼)
8. Loud speaker
9. Microphone
10. Menu
11. Enter the menu settings
    Call button(CALL)
12. Keypad lock indicator
13. Battery level indicator
14. Push to talk (TALK) button
15. VOX indication
16. Scanning indication:
17. Displayed during scan mode
    Channel/Menu item indication
18. CTCSS /Menu option -value
19. Lamp Button
20. Scan Button
21. Lamp
22. Belt attachment clip
23. Belt attachment
24. Batteries (not supplied)
25. Battery compartment

BEFORE USE (Pic02)

To insert batteries into the devices, first remove the belt attachment: lift the attachment clip (23) and press the belt attachment upwards (24).
Open the battery compartment (26) and insert 4 AA batteries (25) (not supplied), ensuring that the poles are correctly aligned. Then close the lid.

USING THE TWINTALKER

1. Turning the device on/off: To turn the devices on or off, hold down the on/off button (6) for 3 seconds a BEEP sound will be played to confirm.

2. Adjusting the volume: To increase the volume, press the Up adjustor button ▲ (4) and press the Down ▼ (7) button to decrease volume.

Note: The volume level (3) is displayed on the screen.

3. Battery Level/Low Battery Indication
The battery level is indicated by the number of squares presented inside the battery icon on the LCD Screen.
▭▭▭ Battery Full
▭▭ Battery 2/3 charged
▭ Battery 1/3 charged
▭ Battery empty
When the battery level is low, the battery icon will flash and a beep will be heard to indicate that the battery needs to be replaced or recharged.

4. Receiving/transmitting communications:
The devices are in 'Reception' mode when lit up, i.e. they are ready to receive a call or sound transmitted on the activated frequency.
· When you press the Call tone button (12), the device switches to 'Transmission' mode. You are then transmitting a sound signal to the other device.
· To send a voice message, press the TALK button (15) and speak into the microphone (10). Continue to press the button until you have finished transmitting your message.
  Hold the microphone a minimum of 5 cm from your face.
Note:
- The other device must be set to the same channel and have set the same CTCSS code (see point 7)
- When the transmission is complete and the TALK button (15) is no longer held down, the other device will emit a sound (BEEP) to indicate that this device is ready to transmit.

5. Changing Channels
· Press the MENU button (11) once, the current channel number flashes on the display.
· Press the ▲ button (4) or the ▼ button (7) to change the channel.
· Press the TALK - button to (15) confirm and return to stand-by Mode.
Note:If no button is pressed within 15 seconds during setting, the unit will return to standby.

6.CTCSS (Continious Tone Coded Squelch System)
License free radio's operating on the 400~470 MHz frequency band, like the Twintalker , have 8/20/22 available radio channels. If there are many radio's users in your neighborhood, there is a chance that

some of these users are operating on the same radio channel.
To prevent that you receive signals from other users, sub-channels have been integrated.
Two radio's will only be able to communicate with each other when they are operating on the same radio channel and when they have selected exactly the same sub-channel. There are two kind of sub-channels :
• Continuous Tone Coded Squelch System (CTCSS)
When using CTCSS, a low frequency tone (between 67 and 250 Hz) will be transmitted along with the voice signal. There are 99 available tones to choose from. You are free to choose one of these 99 available tones. Due to filtering, these tones will generally not be audible so they will not disturb the communication.

7.CTCSS
• Press the MENU-button (11) twice : The current CTCSS code flashes on the display.
• Press the ▲-button (4) or the ▼-button (7) to change to another code.
• Press the TALK-button (15) to confirm and return to stand-by mode.
Note:To disable CTCSS, select code "OF" for CTCSS in the menu. When the entry is confirmed, "OF" will be displayed.

8.Monitor
You can use the monitor feature to check for weaker signals in the current channel.
• Press the MON-button to activate channel monitoring.
• Press the MON-button to stop channel monitoring.
Note:During channel monitoring the receiver circuit in the Radio's will not listen to CTCSS codes.

9. VOX Selection
The Radio's is capable of voice activated (VOX) transmission. In VOX mode, the radio will transmit a signal when it is activated by your voice or other sound around you. VOX operation is not recommended if you plan to use your radio in a noisy or windy environment.
Note:VOX mode will be overrided when you press the TALK - button "15".
• Press the MENU- button(11) three times, the current VOX setting flashes on the display and the VOX icon is displayed.
• Press ▲-button(4) to set the VOX sensitivity level between 1 and 3 (level 3 is the most sensitive level).
• Press ▼-button(7) until "OF" appears on the display, to turn VOX OFF.
• Press the TALK-button(15) to confirm and return to stand-by mode.

10. Scanning for an active radio channel
• Press the SCAN -button(21) : The 'Scan' function indicator (17) will appear on the screen and the channel (18) will scan continuously from 1 to 22.
• Press the ▼-button(7) to start the channel scan from 8/20/22 to 1.
Once an active channel is found, the scanning will stop and you can listen to the transmission.
When the transmission on the found channel stops, the scanning will resume automatically.
NOTE:If you press the TALK button(15) while listening to a found channel, the Radio's will go back in stand-by mode on the found channel.

11. Call Tones
A call tone alerts others that you want to start talking.

11.1Setting the Call Tone
The Twintalker has 10 call tones.
• Press the MENU- button(11) four times, "CA" is displayed and the current call tone is flashing.
• Press the ▲-button(4) or the ▼-button(7) to change to another Call Tone.
• Press the TALK - button(15) to confirm and return to stand-by Mode.

11.2 Sending a call Tone
Press the CALL-button(12) briefly. The call tone will be transmitted on the set channel.

12. Key-Tone On/Off
When a button is pressed, the unit will beep briefly.
To set the key-tone.
• Press the MENU- button(11) five times. "tO" will be displayed.
• Press ▲ to enable (ON) or ▼ disable the Key Tones (OF).
• Press the TALK - button(15) to confirm your selection and return to the standby mode.

13. Roger Beep On/Off
After the TALK-button is released, the unit will send out a roger beep to confirm that you have stopped talking.
To set the Roger Beep.
• Press the MENU- button(11) six times. "rO " will be displayed.
• Press ▲ to enable (ON) or ▼ disable the Roger Beep (OF).
• Press the TALK - button(15) to confirm your selection and return to the standby mode.

14.Button Lock
• Press and hold the MENU- button(11) for two seconds to activate the Button lock mode. The button lock icon is displayed on the LCD Screen.
• Press and hold the MENU- button(11) again for two seconds deactivate button lock
Note:The PTT -button(15) , the CALL -button(12), MON-button(5) and the on/off button (6) will still be functional when the Button Lock is activated.

15. Display backlight
To activate the backlight of the LCD display, press any button except the MENU- button(11) or the MON-button(5) .
The LCD backlight will light up for 5 seconds.

16. Battery saving function:
When the device has not been used for 6 seconds, the economy mode is automatically activated. This does not affect the reception of transmissions and the standard mode is automatically re-activated as soon as a signal is detected.

17.BUILT-IN FLASH LIGHT
As an added feature, your Radio's has a built-in flashlight that can be used in sending light signals or for your lighting needs

18.Technical specifications

Frequency	438~470MHz
Battery	7.4V,2200mAh
Transmission Power	12W Max
Modulation Type	FM
Channel spacing	12.5KHz

FCC Caution:
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1)This device may not cause harmful interference, and(2) this device must accept any interference received, including interference that may cause undesired operation. SAR tests are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level,the actual SAR level of the device while operating can be well below the maximun value. Before a new model is a available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC, Tests for each product are performed in positions and locations as required by the FCC, For body worn operation, this device has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that Contains no metal.
To maintain compliance with the FCC's RF exposure guidelines, hold the transmitter and antenna at least 1 inch (2.5 centimeters) from your face and speak in a normal voice, with the antenna pointed up and away from the face. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.In order to comply with the FCC RF exposure requirements, the antenna installation must comply with following:
Users must be fully aware of the hazards of the exposure and albe to exercise control over their RF exposure to qualify for the higher exposure limits.

Your wireless hand-held portable transceiver contains a low power transmitter, This product sends out radio frequency (RF) signals when the Push-to-Talk (PTT) button is pressed.
The device is authorized to operate at a duty factor not to exceed 50%.