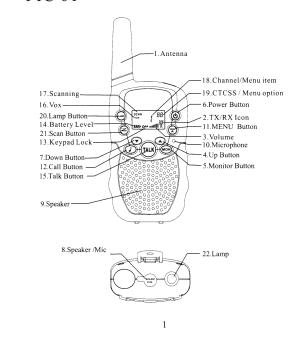
# **Twintalker**

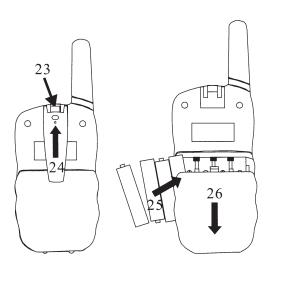


**EN USER INSTRUCTIONS** 

## PIC 01



PIC 02



### EN~ Instructions for use

This set includes 2 walkie-talkie units: these are communication devices which operate on mobile radio frequencies. They come with 22(option)channels as well as a back-litLCD 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
- · 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 theuse 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
- · The device cannot be used to contact the emergency services.

### ITEM DESCRIPTION (Pic 01,02)

- . RX icon \* -Displayed when receiving
- TX icon -Displayed when transmitting
- Volume level indicator 4. Adjustor button Up (A)
- 5 Continued recention(MON 6. On /off button((b))
- . Adjustor button Down (▼)
- 8. Earphone socket
- Loud speaker
- 10.Microphone 11. Menu:
- Enter the menusettings 12. Call button(CALL)
- 13. Keypad lock indicator
- 14. Battery level indicator
- 15. Push totalk (TALK)button 16. VOX indication
- 17. Scanning indication:
- Displayed during scan mode 18. Channel/Menu item indication
- 19. CTCSS / Menu option -value
- 20.Lamp Button
- 21.Scan Button 22.Lamp
- 23. Belt attachment clip
- 24. Belt attachment
- 25. Batteries (not supplied)
- 26. Battery compartment

### BEFORE USE (Pic 02)

To insertbatteries into the devices, first remove the belt attachment: lift the attachment clip (23) and press the belt attachment upwards

Open the battery compartment (26) and insert 4 AAA batteries (25) (not supplied), ensuring that the poles are correctly aligned. Then

### 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

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

### 3. Battery Charge Level/Low Battery Indication The battery charge level is indicated by the number of squares

present inside the battery icon on the LCD Screen. Battery Full

- Battery 2/3 charged
- ➡Battery 1/3 charged
- → Battery empty

When the battery charge level is low, the battery icon will flash and a beep will be heard to indicate that the batteries need 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 callor 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

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.

- 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

**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-• 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

• Press the MENU-button(11) twice: The current CTCSS code flashes

• 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 "0F" for CTCSS in the menu. When the entry is confirmed, "OF" will be displayed.

You can use the monitor feature to check for weaker signals in the

- Press the MON-button to activate channel monitoring.
- Press the MON-button to stop channel monitoring.

Note: During channel monitoring the receiver circuitin the Radio's will not listen to CTCSS codes.

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

Note: VOX mode will be overrided when you press the TALK - button

• 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 • 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

• Press the TALK - button(15) to confirm and return to stand-by Mode.

# 11.2 Sendinga 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.

• Press the MENU- button(11) five times. "tO" will be displayed. • Press  $\triangle$  to enable (ON) or  $\nabla$  disable the Key Tones (OF). • Press the TALK - button(15) to confirm your selection and return to

13. Roger Beep On/Off After the TALK-button is released, the unit will send out aroger beep to confirm that you have stopped talking.

• Press the MENU- button(11) six times. "rO" will be displayed. • Press  $\triangle$  to enable (ON) or  $\nabla$  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 Buttonlock mode. The button lockicon 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

### 15. Display back light

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. Earpiece connection

The Twintalker can be used with the included earpiece.

The connector is located on the upper side of the unit(8). Insert the earpiece plug into the connector (2,5mm jack). The small button on the earpiece has the same function as the TALK

- button(15) on the unit When you use the TALK - button (15) from the Earpiece, you must also use the microphone from the earpiece to talk into. Note: Do not connect other earpieces. This may damage your device.

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 reactivated as soon as a signal is detected.

### 18.BUILT-IN FLASH LIGHT

As an added feature, your Radio's has a built-in flashlight that can be used insending light signals or for your lighting needs

# 19 Technical specifications

Channels

CTCSS 99 Sub-code 462.5500-467.7125MHz Frequency

Range Up to 3 Km (Open field) 4xAAA

=<500m W ERP Transmission Powe Modulation Type FM-F3E Channel spacing 12,5 kHz



Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems) This symbol on the productor on its packaging indicates that this product shall not be treated as household waste. Instead it shall Be handed over to the applicable collection

point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. Formore detailed information about recycling of this product, please contact your local city office or your household waste

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

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 nterference, 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 maximum 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolied 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

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.

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%.