Operating Instructions

WTA-446

0.5-1KM

1-2KM

6+KM

INSTALLATION

Removing the belt clip

Pull the belt clip latch away from the unit.

See picture as right

Note: Don't charge the alkaline battery. If using rechargeable batteries, you can charge the batteries while they are inside the walkie talkie, by using a MicroUSB cable (if using not rechargeable batteries, nothing will happen)
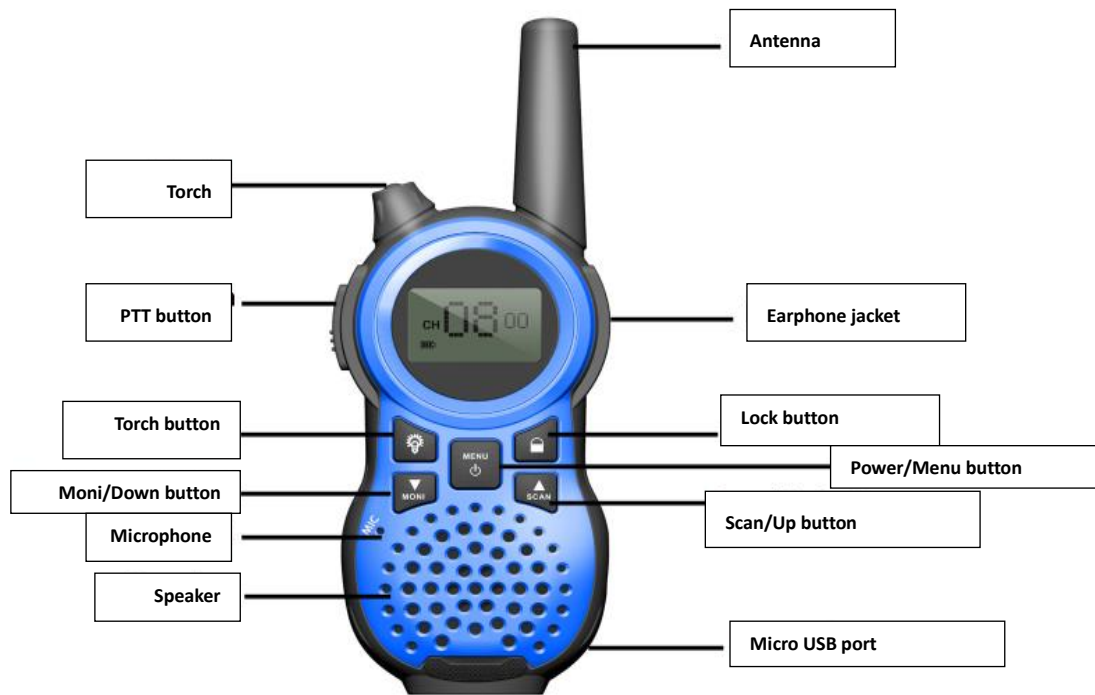
FOR USE OF NON RECHARGEABLE BATTERIES:

1. Slide down the battery compartment cover.

2. Insert 3 x AAA batteries (not included).

3. Place the batteries according to the polarity marking on the battery compartment. After placing batteries into correct positions, close the battery cover.

Low Battery Meter Indicator

The radio can detect the low battery level when the battery voltage goes low. The battery icon will display the low battery status. When battery voltage is low, the empty battery symbol will appear and the walkie talkie will alarm until it totally drains the battery voltage, then you will have to replace the batteries.

Transmitting Range

The talk range will depend on your surroundings and environment and it will be affected by obstructions such as hills or buildings. Don't try to use two radio units which are less than 1.5 m (5 feet) apart. Otherwise, you may experience interference. Talk range also depends on the terrain. It will be affected by concrete structures, heavy foliage and by operating radios indoors or in vehicles.

Antenna

Torch

PTT button

Earphone jacket

Torch button

Lock button

Power/Menu button

Moni/Down button

Scan/Up button

Microphone

Speaker

Micro USB port

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

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.

Operating the unit

Turning 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.

Adjusting the Volume:

You have 8 preset volume levels. To raise the volume, press the Up / Scan button. To decrease the volume, press the Down /Moni

button. And press PTT button or Menu/PWR button to confirm.

Key lock:

Press & hold Lock button for 6 seconds,the unit will be locked and lock icon will be displayed in the LCD screen. when the units is

locked, only Torch button, PWR button, PTT button and Lock button can be available. Press & hold Lock button for 3 seconds, it will be

unlocked.

Torch:

Press & hold the Torch button, it will be on, release the button, it will be off. When the unit is turned off, the torch still can be turned

on/off by Torch button.

Auto scan:

Press & hold the Up / Scan button for 2 seconds to activate auto scan. Press & hold the Up / Scan button for 2 seconds again or press

Menu/PWR button to deactivate auto scan.

Monitor (Zero squelch)

Press & hold the Down/Moni button for 2 seconds to activate monitor.

Press & hold the Down/Moni button for 2 seconds again to deactivate monitor.

Changing Channels

You have channels with the legal frequency at your disposal. To communicate with another device, you must be on the same channel.

To change channels, once you have turned your unit on, press the Menu/PWR once and use the Up/Down buttons to scroll through to

your desired channel. To set your desired channel, press the PTT button to confirm changes.

Your unit is simple "one way at a time". While you are speaking, you cannot receive a Transmission.

Your unit is an open-license band. Always identify yourself when transmitting on the same channel.

IMPORTANT: Before transmitting on a channel, listen to ensure that it is not already in use.

CTCSS/DCS

Press the Menu/PWR button twice and use the Up/ Down to introduce CTCSS/DCS Continuous Tone-Coded Squelch System. CTCSS is a circuit that is used to reduce the annoyance of listening to other users on a shared two-way radio communications channel. It basically allows a private channel on a busy stream.

CTCSS = Coded Tone Controlled Squelching System. This allows you to talk on a private sub channel on an active channel. DCS is a digital extension of CTCSS.

DCS = DCS is a digital extension of CTCSS. It provides extra, digitally coded and squelch codes that follow after the 38 CTCSS codes. CTCSS 1 to 38 is followed by DCS 1-38.

VOX

Voice operated transmitter, it allows you to transmit with your voice without pressing the button.

Your communicator is equipped with an adjustable Voice Operated Transmitter (VOX) that can be used for automatic voice transmission.

In this convenient mode, transmission is automatically initiated by speaking into the microphone. There is no need to push the button.

By pressing Menu/PWR button 3 times, screen will display VOX character, character OFF keeps flashing. Press Up or Down button to select voice level (from 1 to 3 level or OFF).Press PTT button to confirm setting, VOX default setting is OFF.

CA

CA allows you to adjust different tones for calling the operator from the same channel.

Press Menu/PWR button 4 times, screen will display CA character, digital 01 keeps flashing. Press UP or Down button to select call tone from 01 to10, then press PTT button to confirm call tone setting, the default setting for call tone is 01.

There are 10 mode call tones in this unit, you and the other party can use designed call tone to communicate separately and secretly to avoid any disturb. To activate this feature, with the unit in normal mode, press the PTT button twice quickly and then release to send a tone to other users on the same channel.

TOT

Time out timer means the unit will automatically stop transmitting after 30 or 60 seconds of continuous transmission.

Press Menu button 5 times, screen will display 60 s, press Up or Down button can choose 60 or 30 seconds. Default setting is 60 seconds, press the PTT button to confirm changes.

Roger Beep

Roger beep means a tone added to the end of broadcast, it indicates that the user/operator has finished speaking.

This is a tone which is automatically transmitted whenever the PTT button is released.

This alerts the receiving party that you have ended the transmission, and you are now in receive mode.

Press Menu button 6 times, screen will display ON or OFF, press Up or down button to choose ON or OFF, and press the PTT button to confirm changes.

Key tone

A symbol will display when Key tone is opened.

Press Menu button 7 times, screen will display Bell ON, press Up /Scan button to choose ON or press Down/Moni button to choose OFF.

Default setting is ON, press the PTT button to confirm changes.

DCM

Dual channel monitoring. You can monitor between two channels e.g. 1 to 8 or 9 to 22.

Press Menu button 8 times, screen will display DCM OFF, press Down or UP button to choose DCM OFF or ON, when choose DCM ON, then press Menu/PWR button one time, scroll Up/Down button to choose channel, the channel cannot be same as main channel, press the PTT button to confirm changes.

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) 5 cm 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 with you.

Reset the unit

Take away the battery from walkie talkie battery compartment, then hold the Menu/PWR button, meanwhile put back the battery to walkie talkie battery compartment in right polarity, the unit will turn on and display CH 100, at this time, release the PWR button.

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Electric and electronic equipment and included batteries contains materials, components and substances that can be hazardous to your health and the environment, if the waste material (discarded electric and electronic equipment and batteries) is not handled correctly.

Electric and electronic equipment and batteries is marked with the crossed out trash can symbol, seen above. This symbol signifies that electric and electronic equipment and batteries should not be disposed of with other household waste, but should be disposed of separately.

As the end user it is important that you submit your used batteries to the appropriate and designated facility. In this manner you make sure that the batteries are recycled in accordance with legislature and will not harm the environment.

All cities have established collection points, where electric and electronic equipment and batteries can either be submitted free of charge at recycling stations and other collection sites, or be collected from the households. Additional information is available at the technical department of your city.

Hereby, Inter Sales A/S declares that the radio equipment type WTA-446 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.denver-electronics.com and then click the search ICON on topline of website. Write model number: WTA-446. Now enter product page, and red directive is found under downloads/other downloads.
Operating Frequency Range: 446.00625-446.09375mhz
Max Output Power: ≤0.5W

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