

## DTX600 Quick Set Up Guide

For the full product user guide, please scan QR code or visit [www.oricom.com.au](http://www.oricom.com.au)



### Pack contents

- DTX600 Handheld Radio
- Belt Clip
- Lithium-ion Battery Pack
- Antenna
- 12V Charging Plug
- Charger Pod
- AC Adaptor
- Quick Start Guide

### Please read before installing or operating your Oricom radio

The operation of your UHF radio in Australia and New Zealand is subject to conditions in the following licenses: In Australia, the ACMA Radio communications (Citizen Band Radio Stations) and in New Zealand by MED the General User Radio License for Citizen Band Radio.

### Need help? Contact Oricom Support

If you need assistance setting up or using your Oricom product now or in the future, call Oricom Support.

Australia (02) 4574 8888  
[www.oricom.com.au](http://www.oricom.com.au)  
Mon-Fri 8am – 6pm AEST

New Zealand 0800 67 42 66  
Mon-Fri 10am – 8pm NZST

When a new narrowband radio receives a transmission from an older wideband radio the speech may sound loud and distorted – simply adjust your radio volume for the best listening performance. When an older wideband radio receives a signal from a new narrowband radio the speech may sound quieter - simply adjust your radio volume for best listening performance. When operating a narrowband radio or Channel 41 - 80 interference is possible from wideband radios transmitting on high power or on adjacent frequency.

The issues described above are not a fault of the radio but a consequence of mixed use of wideband and narrowband radios.



This unit complies with all relevant Australian and New Zealand approval requirements AS/NZS 4365:2011

### Lithium-ion Battery Pack Warning

- This equipment contains a Lithium-ion Battery pack.
- Do not short circuit the Battery pack.
- Do not charge the Lithium-ion Battery pack used in this equipment in any other charger.
- Lithium-ion Batteries must be disposed of properly.
- The Lithium-ion Battery pack contained in this equipment may explode if disposed of in a fire.
- Lithium-ion Batteries should not be exposed to high temperature environments as they may not operate correctly in these conditions.
- Always keep out of direct sunlight in confined environments.

### Warnings and Safety Information



WARNING

#### **Potentially Explosive Atmosphere**

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 fuelling 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 two way radios." Obey all signs and instructions.

#### **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.

## The Antenna

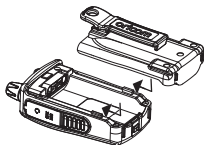
Attach the antenna to the DTX600 radio (see diagram).

Be sure the antenna is firmly secured.

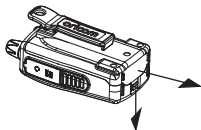


## The Battery Pack

Install Battery Pack - Place the battery pack onto the back of the radio. Position four tabs into slots and slide battery into position until you hear a click (see diagram).



Remove Battery Pack - Push battery catch in direction of arrow and then slide the battery off.



## The Charger Pod

When the battery pack is new, it should be fully charged before being used for the first time.

If left unused, your transceiver's battery pack will discharge itself within a few months.

If you have not used your DTX600 for some time, you will need to recharge the battery pack before use.

**Warning:** Use only the supplied charger pod. The use of other types may be dangerous and will void your warranty.

# Installation

## Charging the Radio

Connect the socket of the wall adaptor to a mains power outlet and insert the jack of the wall adaptor into the desktop charger plug (see Fig. 1). It takes approximately 3 hours to fully recharge.

Place your transceiver into the cradle of the desktop charger. The RED LED on the charger will light up.

When charging is complete, take the transceiver out of the cradle and detach the socket of the wall adaptor from the mains.



Fig. 1

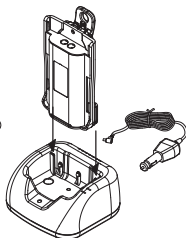


Fig. 2

The red LED on the mains charger pod will change to green when charging is complete. It will take approximately 3 hours to fully charge the battery with the radio turned off.

You can also charge the radio using a 12V adaptor supplied. Plug the adaptor into the 12V outlet in your car and insert jack into the desktop charger (see Fig. 2).

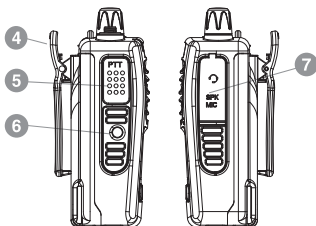
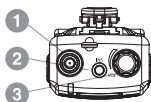
**Do not transmit when the DTX600 is in the charger pod.**

## The Belt Clip

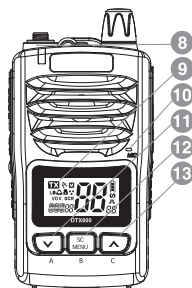
1. Place the belt clip into the slot on the back of the radio.
2. Then slide it down.
3. You will hear a click. The belt clip is firmly installed.



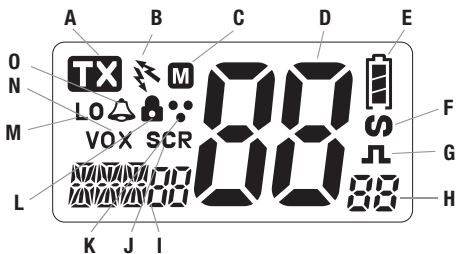
### Basic Control



1. Antenna connector
2. Instant channel memory recall and write
3. Power On/Off and volume adjust
4. Belt Clip
5. Push to talk (PTT)/Melody call
6. Monitor On/Triple Watch
7. External speaker & Microphone jack
8. RX/TX LED indicator
9. LCD
10. Microphone
11. Channel down
12. Scan/Menu
13. Channel up



### LCD Display



- |                      |                   |
|----------------------|-------------------|
| A. TX indicator      | H. CTCSS/DCS code |
| B. Duplex on         | I. Function       |
| C. Memory            | J. Scrambler on   |
| D. Channel display   | K. Tri Watch on   |
| E. Battery indicator | L. Key Lock       |
| F. CTCSS on          | M. Low TX power   |
| G. DCS on            | N. VOX            |
| O. Roger Beep on     |                   |

## Power On/Off

To turn on the transceiver, turn the volume knob clockwise until you hear a click.

To turn off the transceiver, turn the volume knob fully counter-clockwise.

## Volume

Rotate the Volume knob until you reach the desired level.

## Channel Selection

Press the channel up or down buttons until you select the desired channel.

## Transmission and Reception

To transmit, keep the PTT button firmly pressed and the red LED will illuminate.

Wait for approximately 1 second and then speak in the direction of the microphone, and hold the device at a distance of about 5cm from your mouth.

When you have finished, release the PTT.

When the radio is in reception mode, you will automatically receive communications and the green LED will illuminate.

## Factory Reset

If the radio's display locks up or stops functioning properly, you might need to reset your UHF radio.

Caution: This procedure clears all the information you have stored in your UHF radio.

Before you reset your UHF radio, try turning it off and on again.

If your UHF radio is still not functioning correctly, you may need to reset the UHF radio.

To reset, Press and Hold Monitor and power on. "Reset" will appear in the display. The radio will then return to standby mode.

# UHF CB Channels and Frequencies

## UHF CB channels and frequencies

| Channel |     | Tx       | Rx       | Channel |     | Tx       | Rx       |
|---------|-----|----------|----------|---------|-----|----------|----------|
|         |     | Freq     | Freq     |         |     | Freq     | Freq     |
|         |     | MHz      | MHz      |         |     | MHz      | MHz      |
| 01*     |     | 476.4250 | 476.4250 | 21      |     | 476.9250 | 476.9250 |
|         | 41* | -        | 476.4375 |         | 61‡ | -        | -        |
| 02*     |     | 476.4500 | 476.4500 | 22†     |     | 476.9500 | 476.9500 |
|         | 42* | -        | 476.4625 |         | 62‡ | -        | -        |
| 03*     |     | 476.4750 | 476.4750 | 23†     |     | 476.9750 | 476.9750 |
|         | 43* | -        | 476.4875 |         | 63‡ | -        | -        |
| 04*     |     | 476.5000 | 476.5000 | 24      |     | 477.0000 | 477.0000 |
|         | 44* | -        | 476.5125 |         | 64  | 477.0125 | 477.0125 |
| 05*     |     | 476.5250 | 476.5250 | 25      |     | 477.0250 | 477.0250 |
|         | 45* | -        | 476.5375 |         | 65  | 477.0375 | 477.0375 |
| 06*     |     | 476.5500 | 476.5500 | 26      |     | 477.0500 | 477.0500 |
|         | 46* | -        | 476.5625 |         | 66  | 477.0625 | 477.0625 |
| 07*     |     | 476.5750 | 476.5750 | 27      |     | 477.0750 | 477.0750 |
|         | 47* | -        | 476.5875 |         | 67  | 477.0875 | 477.0875 |
| 08*     |     | 476.6000 | 476.6000 | 28      |     | 477.1000 | 477.1000 |
|         | 48* | -        | 476.6125 |         | 68  | 477.1125 | 477.1125 |
| 9       |     | 476.6250 | 476.6250 | 29      |     | 477.1250 | 477.1250 |
|         | 49  | 476.6375 | 476.6375 |         | 69  | 477.1375 | 477.1375 |
| 10      |     | 476.6500 | 476.6500 | 30      |     | 477.1500 | 477.1500 |
|         | 50  | 476.6625 | 476.6625 |         | 70  | 477.1625 | 477.1625 |
| 11      |     | 476.6750 | 476.6750 | 31*     |     | 477.1750 | 477.1750 |
|         | 51  | 476.6875 | 476.6875 |         | 71* | 477.1875 | -        |
| 12      |     | 476.7000 | 476.7000 | 32*     |     | 477.2000 | 477.2000 |
|         | 52  | 476.7125 | 476.7125 |         | 72* | 477.2125 | -        |
| 13      |     | 476.7250 | 476.7250 | 33*     |     | 477.2250 | 477.2250 |
|         | 53  | 476.7375 | 476.7375 |         | 73* | 477.2375 | -        |
| 14      |     | 476.7500 | 476.7500 | 34*     |     | 477.2500 | 477.2500 |
|         | 54  | 476.7625 | 476.7625 |         | 74* | 477.2625 | -        |
| 15      |     | 476.7750 | 476.7750 | 35*     |     | 477.2750 | 477.2750 |
|         | 55  | 476.7875 | 476.7875 |         | 75* | 477.2875 | -        |
| 16      |     | 476.8000 | 476.8000 | 36*     |     | 477.3000 | 477.3000 |
|         | 56  | 476.8125 | 476.8125 |         | 76* | 477.3125 | -        |
| 17      |     | 476.8250 | 476.8250 | 37*     |     | 477.3250 | 477.3250 |
|         | 57  | 476.8375 | 476.8375 |         | 77* | 477.3375 | -        |
| 18      |     | 476.8500 | 476.8500 | 38*     |     | 477.3500 | 477.3500 |
|         | 58  | 476.8625 | 476.8625 |         | 78* | 477.3625 | -        |
| 19      |     | 476.8750 | 476.8750 | 39      |     | 477.3750 | 477.3750 |
|         | 59  | 476.8875 | 476.8875 |         | 79  | 477.3875 | 477.3875 |
| 20      |     | 476.9000 | 476.9000 | 40      |     | 477.4000 | 477.4000 |
|         | 60  | 476.9125 | 476.9125 |         | 80  | 477.4125 | 477.4125 |

\* The primary use for these channels is repeater operation using 750 kHz offset. Channels 1-8 inclusive are used for mobile reception and channels 31-38 for mobile transmission. Note that additional channels 41-48 and 71-78 are also available for repeater operation to supplement channels 1-8 and 31-38 respectively as approved by the ACMA CBRS Class Licence in Australia and the MED GURL in New Zealand. In addition, any designated repeater channel may be used for simplex operation in areas where it is not used for repeater operation.

† Speech telephony shall be inhibited on these channels.

‡ At the time of production Channels 61, 62 and 63 are guard channels and are not available for use.

§ Channel 5 and 35 (paired for Duplex repeaters) are reserved as emergency channels and should be used only in an emergency. CTCSS and DCS will not operate on these channels.

A list of currently authorised channels can be obtained from the ACMA website in Australia and the MED website in New Zealand. Channel 11 is a calling channel generally used to call others and channel 40 is the customary road vehicle channel. Once contact is established on the calling channel, both stations should move to another unused "SIMPLEX" channel to allow others to use the calling channel.

Channels 22 and 23 are for Telemetry and Telecommand use, voice communications are not allowed on these channels by law. Channel 9 and above are the best choices for general use in Simplex mode.



## Express Warranty (Australia)

This Express Warranty is provided by Oricom International Pty Ltd ABN 46 086 116 369, Unit 1, 4 Sovereign Place, South Windsor NSW 2756, herein after referred to as "Oricom".

Oricom products come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Oricom warrants that the product is free from defects in materials or workmanship during the Express Warranty Period. This Express Warranty does not extend to any product from which the serial number has been removed or was purchased outside of Australia.

Nothing in this Express Warranty excludes, restricts or modifies any condition, warranty, guarantee, implied term, right or remedy pursuant to the Australian Consumer Law and which may not be so excluded, restricted or modified. For such conditions, terms, guarantees and warranties that cannot be excluded, restricted or modified, Oricom limits the remedies available to extent permitted in the relevant legislation.

The Express Warranty Period will be 3 years (excluding battery cells and rechargeable battery packs) from the date of purchase of the product evidenced by your dated sales receipt. You are required to provide proof of purchase as a condition of receiving Express Warranty services.

You are entitled to a replacement product or repair of the product at our discretion according to the terms and conditions of this document if your product is found to be faulty within the Express Warranty Period. This Express Warranty extends to the original purchaser only and is not transferable.

Products distributed by Oricom are manufactured using new materials or new and used materials equivalent to new in performance and reliability. Spare parts may be new or equivalent to new. Spare parts are warranted to be free from defects in material or workmanship for thirty (30) days or for the remainder of the Express Warranty Period of the Oricom branded product in which they are installed, whichever is longer. During the Express Warranty Period, Oricom will where possible repair and if not replace the faulty product or part thereof. All component parts removed under this Express Warranty become the property of Oricom. In the unlikely event that your Oricom product has a recurring failure, Oricom may always, subject to the Competition and Consumer Act 2010, at its discretion, elect to provide you with a replacement product of its choosing that is at least equivalent to your product in performance.

No change to the conditions of this Express Warranty is valid unless it is made in writing and signed by an authorised representative of Oricom.

Oricom will not be liable under this Express Warranty, and to the extent permitted by law will not be liable for any defect, loss, damage or injury arising out of or in connection with a:

1. Failure by you to adhere to the warnings and follow the instructions set out in this user guide for the proper installation and use of the product;
2. Willful misconduct or deliberate misuse by you of the product;
3. Any external cause beyond our control, including but not limited to power failure, lightning or over voltage; or
4. Modification to the product or services carried out on the product by anyone other than Oricom or Oricom's authorised service provider.

## How to make a claim under your Express Warranty in Australia

Oricom has a simple warranty process for you to follow:

- Please call or email our Customer Support Team, (02) 4574 8888 or support@oricom.com.au.
- A Customer Support Team member will verify after troubleshooting with you if your product qualifies under warranty. If so, they will give you a Product Return Authorisation number.
- We will then email or fax a Return Authorisation form and a Repair Notice (if necessary), together with instructions on how to return the goods for warranty service.

Please note that if a Customer Support Team member advises that your product does not qualify for return, this warranty does not apply to your product. Products that are authorised to be returned to Oricom in Australia must include all of the following:

- A completed Return Authorisation form
- A copy of your Proof of Purchase (please keep your original copy)
- The faulty product, including all accessories.

Send the approved returns to:

Oricom International Pty Ltd  
Locked Bag 658  
South Windsor NSW 2756 Australia

Please note that this Express Warranty excludes expenses incurred by you in returning any faulty product to us. You must arrange and pay any expenses incurred (including postage, delivery, freight, transportation or insurance of the product) to return the faulty product to us, however, we will arrange delivery of the repaired or replaced faulty product to you.

## Important Information

### Repair Notice

Please be aware that the repair of your goods may result in the loss of any user generated data (such as stored telephone numbers, text messages and contact information). Please ensure that you have made a copy of any data saved on your goods before sending for repair. Please also be aware that goods presented for repair may be replaced by refurbished goods or parts of the same type rather than being repaired.