Digi-Wave Microphone Transceiver DW T410

Preliminary Manual

Introduction

The Digi-Wave Microphone Transceiver DW T410 is a two-way device which can be used in a Digi-Wave system together with other Digi-Wave 400 series devices such as DLT 400 bodypack transceivers, DLR 400 RCH receivers and DLR 400 ALK receivers. It is also backwards compatible with the 300 series devices (DLT 300 and DLR 360) when used in 300 compatible encryption settings. (Please note that not all modes and features are compatible with the 300 series.)

The DW T410 includes the same modes as a DLT 400 bodypack receiver as well as the DLT 400-AIM and DLT 400-ACM special modes and features (for example channel/sub-group naming).

For a general explanation of programming and recommended system configuration, please refer to the general Digi-Wave 400 series manual (MAN 241).

Charging

The DW T410 can be charged either in the drop-in charger CHG 448 or with our single unit charger DW ACC PAC4.

When charging in a drop-in charger, take care to place the DW T410 with the display facing forward in order to ensure that the charging contacts on the bottom of the device make proper contact with the charger. The guide slots at the front and back of the device are designed to ensure that the device is put in the charger in the proper orientation. Do not try to force the device down in the charger, if it doesn't go down easily, it is likely the unit is in the wrong orientation. 4 of the 8 bays in the CHG 448 can be used with the DW T410 (or a DLT 400 or DLR 400 RCH bodypack transceiver/receiver). The other 4 bays cannot be used with the DW T410 – only with bodypack transceivers/receivers.

For charging with the DW ACC PAC4 single unit charger, use the USB-C connector in the bottom of the device. Make sure the cable connects properly with the connector.

Do not remove the handle cover while charging or in use.

Listening and shortcut menu

The DW T410 is a transceiver with full duplex 2-way audio capability. The 3.5mm TRS jack at the bottom of the unit enables a user to connect Wiliams AV mono or stereo connector headphones, earphones and neckloops. To adjust listening volume, press the "VOL" button briefly and then adjust the listening level by using the left and right arrow buttons. The VOL button also serves as a shortcut menu. Additional adjustments beyond volume adjustments can be made by tapping the VOL button several times.

Locking/unlocking the device

The DW T410 has two versions of locking mechanism (standard lock and superlock) in order to prevent a user to make changes by mistake.

The standard lock is applied by pressing the menu and left arrow button simultaneously. When activating the standard lock, a lock symbol pop-up is displayed briefly on the display and then a small lock symbol is displayed on the left side of the display. The standard lock mainly locks out a user from reprogramming the device. The user can still make quick adjustments through a VOL button tap and join a group. To disable the standard lock, press the menu and left arrow button again. An unlock symbol pop-up is displayed briefly on the display.

The superlock is applied by pressing the left and right arrow buttons simultaneously for several seconds. When activating the superlock, the words "SUPERLOCK ON" pop up on the display briefly and then a small superlock symbol (looks like a chain) is displayed on the right side of the display. In addition to locking the user from reprogramming the device, the superlock also prevents them from turning off the device, making quick adjustments or joining another group by mistake. To disable the super, hold the left and right arrow buttons again for several seconds. The words "SUPERLOCK OFF" pop up on the display briefly.

Programming

Programming is done by pressing the menu button for several seconds. The orientation of the text on the display then switches from portrait to landscape in order to easier read the longer text that are displayed on the screen during programming. The programming on the DW T410 is done in the same manner as on the bodypack transceiver DLT 400. See the general Digi-Wave 400 series manual (MAN 241) for details on programming.

Limitations

The USB-C connector on the bottom of the device is used for charging only. The USB-C connector can't be used with the Digi-Wave Connect DWD 401 or other audio devices in order to transfer audio.

Label

If the handle cover is removed, the battery chamber is revealed and the label is on its back.

BATTERY SAFETY

⚠ CAUTION!

DW T410 internal battery pack.

To reduce the risk of fire or burns, do not attempt to open, disassemble, or service the battery pack. Do not crush, puncture, short contacts or dispose of in fire or water. Do not incinerate or expose to temperatures above 140°F (60°C). Replace only with battery pack designated for this product: a rechargeable Lithium-Ion battery. Risk of fire or explosion if the battery is replaced by an incorrect type. Recycle or dispose of properly.

⚠ CAUTION!

Battery performance will deteriorate over time, because batteries utilize a chemical reaction. When replacing the battery, insert the battery according to the polarity indicated in the battery compartment of DW T410.

RECYCLING INSTRUCTIONS

Battery Safety and Disposal

Help Williams AV protect the environment! Please take time to dispose of your equipment properly. Please do NOT dispose of batteries in the household trash. Please take the batteries to a retail or community collection point for recycling.

Product Recycling

Please do NOT dispose of your Williams AV equipment in the household trash. Please take the equipment to an electronics recycling center or return the product to the factor y for proper disposal.

FCC&ISED Statement

User's Guide

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.

Caution !

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

FCC Compliance statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicable aux appreils radio exempts de license. L'exploitation est autoriséee aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l 'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, méme si le brouillage est susceptible d'encompromettre le fonctionnement.

Cet appareil contient des émetteurs / récepteurs exempts de licence qui sont conformes aux RSS exempts de licence d'Innovation, Sciences et Développement économique Canada. Son fonctionnement est soumis aux deux conditions suivantes:(1) Cet appareil ne doit pas provoquer d'interférences.(2) Cet appareil doit accepter toute interférence, y compris les interférences qui peuvent provoquer un fonctionnement indésirable de l'appareil.