



Olywiz®

Two-way Radio HTD-835

WARNING

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.
(2) This device must accept any interference received, including interference that may cause undesired operation.



Manufacture:Fujian Wanhua Electron & Technology Co., Ltd.

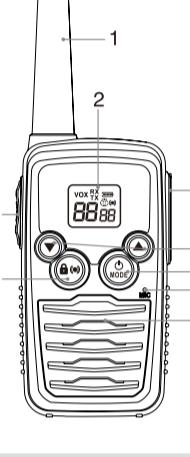
User's Manual

Before use, please read the manual carefully to avoid any misoperation.

Getting Acquainted

DESCRIPTION OF THE TRANSCEIVER

- 1-Antenna
- 2-Display
- 3-Built in speaker: Here is where the speaker is housed.
- 4-Built-in microphone : Here is where sound is picked up by the microphone.
- 5- : Pressing this button you can use the Out of range function. If you keep it pressed for about 5 seconds, the keypad lock is activated.
- 6- use these buttons for changing the settings.
- 7- : Press this button to enter the radio's menu. If you keep it pressed for about 3 seconds, you turn on/off the radio.
- 8-Microphone
- 9-Speaker



DISPLAY

TX: Appears while you are transmitting a signal (PTT button pressed)

RX: Means that the transceiver is receiving a signal.

: Indicate the channel selected

: Indicate the sub audio tone selected. (of-38).

VOX: Indicate if VOX MODE is available.

: Indicate the battery level.

: Indicate out of communication range function is available.

: Indicate baby care function is available.



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Preparation

Installing battery

Push the battery cover outwards, install AAA battery by + as indicated, then cover the battery cover. (Figure 1)

Installing the belt clip

Direct the belt clip right to the groove on the transceiver back, push it upward to fix.

When unpacking, pull upward the door holder with your fingernail or by tool, and unload the belt clip. (Figure 2)

Installing the optional speakers/microphone

Open the earphone cover, insert the speaker/microphone into SP/MC jack. (Figure 3)

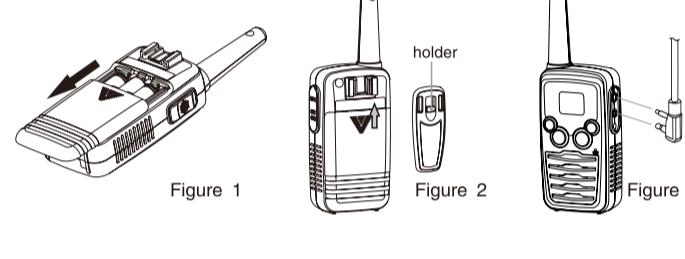


Figure 1

Figure 2

Figure 3

Charging the radio

Load the AAA battery, and open the SP/MC cover, then insert the charger plug to the second connects. When LED turns red, charging start. When fully charged, the transceiver will make a sound "Di" every 5 minutes to prompt.

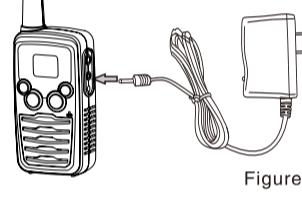


Figure 4

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POWER ON/POWER OFF

Press and keep pressing the button for about 3 seconds. The transceiver will make 3 different beep tones and the LCD will indicate into automatic scanning status about 1 second, then will indicate the current channel.

VOLUME ADJUSTMENT

Use the to increase or decrease the volume setting.

CHANNEL SELECTION

Press the MODE button. The number of the channel will start flashing on the display. Press the buttons till you select the desired channel. Press the PTT button to confirm, or automatically verifies after 5 seconds.

BEEP TONE

The transceiver emits a beep tone, when pressing buttons.

To switch off: press until "bp on" appears on the display, and select "bp of" by pressing , then press PTT button to confirm or automatically confirm after 5 seconds.

To switch on: setting as the same steps, select "bp on", then press PTT button to confirm or automatically confirm after 5 seconds.

ROGER BEEP (end of transmission tone)

When the PTT button is released, the radio will beep to confirm to other users that you've finished your transmission and that they can begin to speak.

To turn the ROGER BEEP on, press the button till the display shows "rb of"; then by the scroll buttons , select "rb on".

To confirm, push the PTT button or wait for 5 seconds.

To disable this function, repeat the procedure selecting the "rb of".

DUAL STANDBY

Under receiving status, user can monitor two pre-set channels at any time by dual standby function.

To switch on this function: press until "of-TX/RX" appears on the display, then choose another channel by pressing . If you want to choose one of 38 CTCSS for this channel, you can press again and choose through , then press PTT button to confirm or automatically confirm after 5 seconds.

To switch off this function: press to switch off this function.

If one of the two selected channels receive signals, the dual standby function will be suspended, and the transceiver will stay on the channel which receives signals. When the signal disappears after 5 seconds, the transceiver return to dual standby function.

OUT OF COMMUNICATION RANGE

You can choose automatically or manually to switch on/off this function:

Automatically out of communication range

Press until "OU Of" appears on the display, then select "OU AU" by pressing , press PTT button to confirm or automatically confirm after 5 seconds. Then LCD will display .

Manually out of communication range

Press until "OU Of" appears on the display, then select "OU PB" by pressing , press PTT button to confirm or automatically confirm after 5 seconds. Then LCD will display .

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BABY CARE

When the transceiver under the baby care mode, all the other traditional functions will be switched off. The transceiver is only in the baby care mode.

Setting:
Set the transceiver into baby care mode, and put it near the cradle. Press several times until "bp of" appears on the display, then select "B" or "P" by pressing , press PTT button to confirm or automatically confirm after 5 seconds. displays. The baby care function switches on. At the same time, "B1" appears on the display which indicates the transceiver is in the baby care channel 1.

Then take out the other transceiver for parents, setting in the same operation steps. Choose "B", at the same time and P1 appears on the display. This is the current channel used by parents.

If there is interfering noise in the current channel, you can change to another. There are 9 channels to choose. "P1" to "P9" for parents, "B1" to "B9" for baby. Press , then change channel by pressing .

Under baby care mode, there are four functions to monitor baby's situation:

1. VOX function: the voice of baby(such as the cry of baby) will automatically switch on transmitting function.

2. Automatically out of communication range function: if the parents' transceiver is out of the communication range of the baby's, the alert tone will be emitted from the parents' transceiver after 2 minutes to prompt that the transceiver is out of communication range. You should shorten the distance to stop the alert tone.

3. Manually out of communication range function: you can manually confirm the baby's transceiver is in the communication range. By pressing on the parents' transceiver, if the two transceivers are in the communication range, you will hear a pre-set sound "CA"; if not, you will not hear the sound.

4. Talk to the baby: in general, you can press PTT button to talk to the baby. But when the baby is crying, you have to wait until the baby stops crying because the baby's transceiver is in transmitting status. Whereas this transceiver has VOX speak back function, which can stop the transmitting of baby's transceiver after 20 seconds, then you can talk and comfort the baby.

To switch off the baby care function:

Press several times until "bp b" or "bp p" appears on the display; Press to select "bp of"; press PTT button to confirm or automatically confirm after 5 seconds. Then the baby care function switches off, and the traditional function restores.

Unpacking and Checking Equipment

We recommend that you identify items listed in the following table before use. If any damage has occurred during shipment, please contact the carrier or dealer immediately.

Supplied Accessories

Description	AAA Battery	Adaptor	Belt Clip	User Manual
Quantity	6	2	2	1
Picture				

CAUTION

- 1.Don't use or charge the transceiver in the inflammable and explosive environments (gas station, airport) or places where prohibit the use of transceiver.
- 2.Don't use the transceiver where government prohibited.
- 3.Don't expose the transceiver to direct sunlight for a long time, or place it close to heating appliances.
- 4.Don't place the transceiver in excessively dusty, humid areas, or on unstable surface.
- 5.If the transceiver emits smoke or strange odors, remove the battery from the transceiver and contact your local dealer immediately.
- 6.The maintenance of transceiver can only be done by professional technician.

Specification

Specification			
Frequency	American	406-470MHz(UHF)	European
RF Power	0.5W	PMR446	
Channels	24		
Power Source	3xAAA		
Dimension	140x51x34mm		
Weight	86g(with Battery and Antenna)		

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Trouble-shooting Guide

Problem	Solution
Can not switch on	The battery power is low. Please charge or replace it. The battery is not well connected. Just remove the battery and reload it.
Standby time is short after charging	Battery life ends. Please replace it with a new one.
Unable to talk with others in the same group	It is out of communication range. Transmit at different frequency or different CTCSS/DCS Settings. Pls revise settings.
Hear other voices (not from the same group) in the channel	Please change the frequency and or CTCSS/DCS tone and make sure to change the tone on all the transceivers in your group.
Short Communication Distance	Pls check whether the antenna is well connected. Pls make sure that the antenna is the standard one supplied by factory. Pls check whether the battery capacity is in normal state. Pls change the squelch level.

Operations and Functions

VOX

The transceiver has 4 VOX levels (off, 1, 2, 3, and 4). This function allows the user to activate the communication without pressing the PTT button. You just have to speak and the communication is on. You can set the VOX on 3 levels, with or without accessories. The fourth level activates the VOX with Talkback function: when one of the two devices transmit for more than 20 seconds, the VOX Talkback stops the transmission for 10 seconds; so the other user has himself the opportunity to talk. To set the VOX level, press the MODE button, until the display shows "VO" and "VOX" flashing in the upper side of the display. After that, with the scroll buttons , select "1", "2", "3" or "4". To confirm, press the PTT button or wait for 5 seconds.

To disable the VOX function, follow the previous indications, but select "OF" and then push the PTT key to confirm.

MONITOR

Press and at the same time to switch on monitor function.

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Function operational specification

CTCSS TONES

The CTCSS tones are codes that can be added to the channels for creating new private ones. For each channel you can choose until 38 CTCSS.

The addition of these codes can be made on the main PMR channels (from 01 to 08).

The pre-set channels from 9 to 24 can not be modified.

To select a privacy code for the current channel press twice the MODE button, then with the scroll buttons select the desired code.

To confirm the selection, press the PTT button or wait for 5 seconds.

The selected Privacy Code will appear on the display.

To disable the CTCSS function, select the private code and then press the MODE button, until you visualize the CTCSS Privacy Code on the display. Select then "off" using the scroll buttons .

To confirm, press PTT or wait for 5 seconds.

Note: To communicate with other radios, they must be set to the same channel and Privacy Code selections.

CTCSS TONE TABLE

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FCC Warning

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

RF Exposure complianceStatement and operating instructions

The device has been tested against the SAR limit (1.6W/kg). The highest SAR value reported under this standard during product certification for use at the Face up is 0.200W/kg and when properly worn on the body is 0.612W/kg. This device was tested for typical operations.

The device only supports simplex-mode and transmitting is no more than the rated duty cycle factor of 50% of the time. For hand-held operation, the radio should be held at least 25mm from the user's face. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided. Use only the supplied or an approved antenna.