contacta

## Manufacturer's Declaration

This product meets the following standards:

◆ **Europe – EU Declaration of Conformity**

This device complies with Directive 2014/53/EU issued by the Commission of the European

◆ **Federal Communications Commission Interference Statement**

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.

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's
authority to operate the equipment.
IMPORTANT NOTE:
To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted.
Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's
authority to operate the device.

◆ **WEEE Statement**

Electrical and electronic equipment must be disposed of at the end of their
lifespan separately from household waste.
Please dispose of this equipment at your local waste collection or recycling
center. Please help to protect our environment.

◆ **Safety and Electromagnetic Emissions Certificates**

Standard Compliance
- RoHs compliant
- European Directive 2011/65/EU

Certificates (country dependent)
- CE
- NCC
- C-TICK
- TELEC
- FCC

◆ RF-TXHH Box Contents:
RF-TXHH 865MHz/915MHz, USB-M100, 2 x 2900 mAh Alkaline AA batteries
(865MHz version only)

Contacta Systems Ltd
Office 13, Dana Estate
Transfesa Road
Paddock Wood
TN12 6UT
(Tel) +44 (0) 1732 223900 (UK)
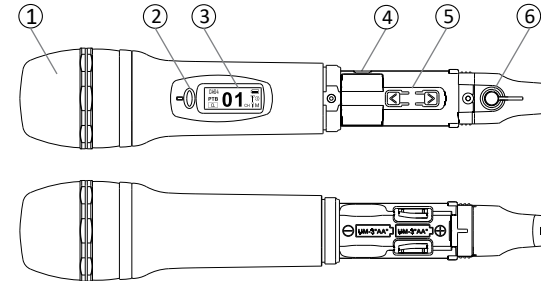sales@contacta.co.uk

Contacta Inc USA
4025 Tampa Rd,
Suite 1107A,
Oldsmar, Fl 34677
(Tel) +1 616 392 3400 (USA & Canada)
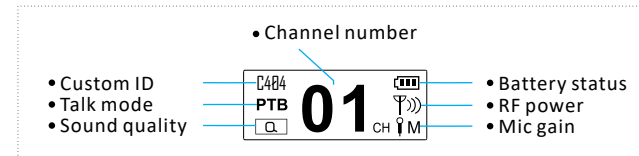info@contactainc.com

**Version:9180-018-C2-0124**

CE UK CA   Made in Taiwan

FC

# Digital UHF (Ultra-High Frequency) Handheld Transmitter RF-TXHH-865/915 User Manual

## Illustration



| | | |
|---|---|---|
| ① Dynamic capsule | ③ Backlit screen | ⑤ Left / Right button |
| ② Backlit talk / mute button<br>• Green: Talk<br>• Red: Mute | ④ Charging port<br>(when NiMH battery applied) | ⑥ Backlit power button<br>• Blue: Sufficient power<br>• Red: Low power |

## Screen



- Channel number
- Custom ID
- Talk mode
- Sound quality
- Battery status
- RF power
- Mic gain

## Operation

◆ **Power on**

Press and hold the power button for 1 second to turn the Transmitter Microphone on.

◆ **Adjust channel manually**

Press the ◄ or ► button for 1 second until channel number flashes. Then, press the ◄ or ► button to select another preferred channel which will automatically be saved after the unit is idle for 2 seconds.
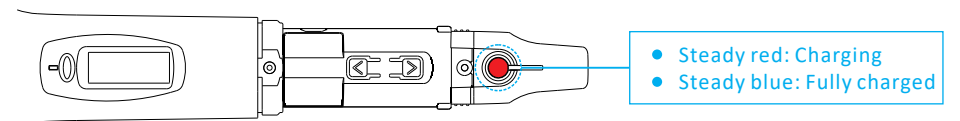
◆ **Check channel frequency**

Short press the ◄ or ► button to check the frequency of selected channel. The Transmitter unit will return to home screen after being idle for 2 seconds.

◆ **Power off**

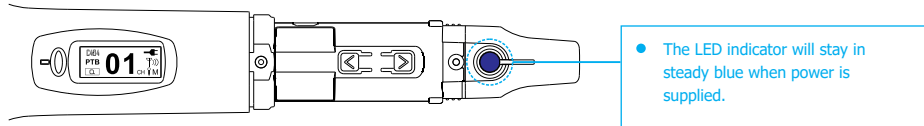Press and hold the power button for 2 seconds to turn the unit off.

◆ **Micro-USB connection**

- **Charging**: Micro-USB connection "charging" indication will be visible only when unit is powered off before being connected.



- Steady red: Charging
- Steady blue: Fully charged

⚠ If using the unit with rechargeable batteries (not supplied), ensure that these are inserted before attempting to charge. DO NOT charge standard alkaline batteries as this can damage the product and pose a risk to user.

- Power supply: If the Transmitter microphone is connected with micro-USB cable while it's on, this connection is indicated as "power supply" and symbol will show up on the screen.

> - The LED indicator will stay in steady blue when power is supplied.

## ■ Advanced operation

### ◆ Setting adjustment

1. Press and hold both ◀ and power buttons simultaneously to turn the unit on.
2. "Setting" mode will allow for custom adjustments.
3. Press the ◀ or ▶ button to scroll options. See setting menu below.
4. Press the power button again to confirm the selection and save and exit settings.
5. To leave the "setting" mode, find "EXIT" in the menu and press the power button again.

| | |
|---|---|
| • **QUALITY** | This refers to sound quality of the microphone.<br>① HQ: Higher<br>② Q (default): Regular<br>*Note: HQ will be the only option for limited bands.* |
| • **TALK MODE** | ① PTB (default): Push to bolt<br>② PTT: Push to talk<br>③ PTM: Push to mute |
| • **RF POWER** | Power definition will vary upon countries.<br>① HIGH (ⓨ») (default): Operation range will be greater.<br>② LOW (ⓨ)) : Operation range will be shorter. |
| • **MIC GAIN** | ① HIGH (ⓨH)<br>② MID (ⓨM) (default)<br>③ LOW (ⓨL) |
| • **EXIT** | — |

### ◆ Back to default

1. Press and hold ◀ , ▶ and power buttons simultaneously to turn the microphone on.
2. The microphone will return to default settings automatically.
3. Followings list default settings.
   - Channel: 01
   - Quality: Q (HQ for limited bands)
   - Talk mode: PTB
   - RF power: ⓨ» (HIGH)
   - Mic gain: ⓨM (MID)
4. Also, following settings will be back to default.
   - Custom names will be removed
   - All defined channels are open
   - All defined ID's will be removed

   PLEASE NOTE: This Handheld Transmitter is NOT to be connected to another transmitter, but is a direct transmitter to a group of receivers.

## Digital UHF Handheld Transmitter RF-TXHH-865/915

### ◆ Programming on PC

1. Press the power button when the microphone is connected with PC. Then, ⟵USB will show up on the screen which means the microphone is ready for compilation.
2. Software OK-CON-SW is available for following setting adjustments (see its instruction manual additionally).
   - Custom channel names.
   - Specific channel selection.
   - Unique ID number
   - Reset settings.
3. After channel / setting compilation is completed and uploaded onto the microphone, please ensure that the device is turned off correctly to ensure that settings are saved. Do not disconnect during programming.

## ■ Troubleshooting

| Trouble | Solution |
|---|---|
| ◆ Why can't I turn the microphone on? | • Check if batteries are inserted in the microphone already.<br>• Check if the polarity of batteries are correctly inserted.<br>• Check if batteries are full of power. |
| ◆ Why can't the receiver hear anything from the microphone transmitter? | • Check if the frequency of microphone and receiver is equal.<br>• Check if "quality" setting (Q / HQ) on both microphone and receiver is equal.<br>• Check if selected channel on both microphone and receiver is equal.<br>• Check if earphone on receiver is connected well.<br>• Check if the volume of receiver is tuned at appropriate level.<br>• Check if the receiver is located within the operation range of the microphone. |
| ◆ Why do I hear Hiss or Noise on receiver? | • Check if the earphone on receiver connects and works well. If not, please try another earphone.<br>• If the Hiss or Noise still exists, please contact your supplier/dealer for further analysis. |

## ■ Specifications

| | |
|---|---|
| Emission modulation | 4 GFSK |
| Latency | < 4 ms @ HQ |
| Mic capsule | Dynamic |
| RF output | High : < 10 mW<br>Low : < 1 mW |
| Battery (Provided only on 865MHz) | 2 x AA alkaline / rechargeable NiMH battery (not provided) |
| Battery life | > 8 hours (2,900 mAh Alkaline AA battery) |
| Operation range | > 50 meters |
| Dimensions (DxH) | 49 x 258 mm |
| Weight (without battery) | 270 ± 5 g |

Specifications are subject to change without prior notice.