

# Wireless Megaphone HHQ

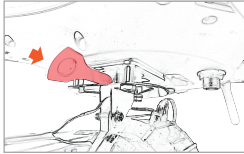
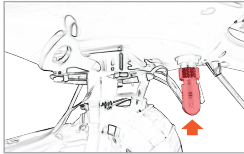
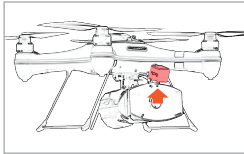
User Manual V1.1



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## 1. Installation

Calibration Step	Description
	1. Mount the HHQ unit onto the drone quick release plate with the speaker facing the front of the drone. Secure it with the quick-release screw.
	2. Plug the loudhailer into the drone, taking care to align the guides or pins on the plug with the socket. When aligned, press the plug firmly into the socket and tighten the waterproof ring.
	3. Adjust the angle of the speaker and FPV camera to suit your requirements.

Lorem ipsum

- ⚠ Note : The magnetic field of HHQ unit will affect the compass sensor of the aircraft. After installing the megaphone, it is necessary to calibrate the aircraft compass (please refer to Flight Manual), otherwise it will be unable to unlock for take-off.
- ⚠ Once the HHQ unit has been removed, the drones compass will need to be recalibrated before being used with other accessories.

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## 2. Base Unit Radio

### 2.1 Assembly

#### 2.1.1 Install /remove battery

**To install the battery**, align the battery with the battery mount on the back of the radio. Press the battery into the radio and slide it upwards until it locks into position.

**To remove the battery**, Turn off the radio, hold down the battery latch to keep it unlocked, and then slide down to remove the battery.



Install the battery



Remove the battery

#### 2.1.2 Install/remove antenna

**To install the antenna**, insert the antenna into the radio's socket and turn it clockwise to lock it.

**To remove the antenna** rotate it counterclockwise.

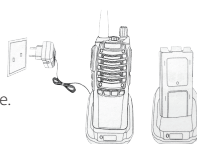


Install/Remove the antenna

### 2.2 Radio Charging

Before first use and whenever the indicator light flashes red or you receive a "low battery" warning (repeated every 30 seconds) it is necessary to recharge the battery with the supplied charger.

1. Insert the DC plug of the power adapter into the charging base.
2. Insert the battery or the whole radio into the charging base.
3. Insert the AC plug of the power adapter into a suitable wall socket (110~220V).
4. The charging indicator will flash red for up to 30 seconds to indicate pre-charging and turns red solid red to indicate charging. The indicator light will turn green within three hours indicating that the charging is complete. Remove the radio from the charging base.



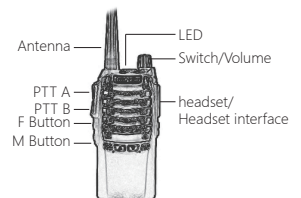
- ⚠ Note : The battery will not reach its full capacity until it has been fully charged and discharged 3 times.
- ⚠ During periods of storage, the battery should be recharged every 2 months to avoid damage to the battery by over-discharge.

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Attention : Turn off the radio during charging

### 2.3 Base Radio Usage

1. Turn the volume knob clockwise to switch on the unit - you will hear "Welcome". Adjust the volume as required.
2. Press the **F** key to switch between radio and walkie-talkie modes.
3. Press and hold the PPT A or PPT B button to speak.



**Flashlight:** Short press the M key to turn on the flashlight, press it twice and the flashlight flashes, press it again to turn off the flashlight function.

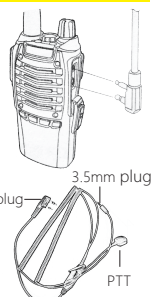
**FM radio:** Short press the F key to switch the FM radio on/off or long press F key to start the alarm tone function.

**Low voltage alarm:** When the battery voltage is lower than the first-level alarm value, a voice prompt warns that the battery is insufficient. You can continue to use the radio. When the voltage approaches a very low level, you will hear a voice prompt and an alarm tone. Recharge the battery.

- ⚠ Note : If the base radio and the loud hailer are operated closer than 20 meters, loud feedback will occur because the base radio detects the amplified sound from loud hailer. This is normal. Simply face the base radio away from the loud hailer or increase the distance.
- For best results, keep your lips 3-6cm away from the microphone when talking into the radio.

### 2.4 Mobile Phone Connection

Insert the double plug of the cable into the corresponding socket of the host and connect the 3.5mm plug at the other end to the headset jack of the phone.



**Transmitting sound from the mobile phone.**

Press the PTT button on the radio or the PTT button of the cable, then immediately start the desired audio playback on the mobile phone to transmit the playback to the loudhailer.