

M30 Megaphone System



Operating Instruction

Handheld Intercom:

Before power on, install the antenna and screw it tightly, then turn the switch/volume knob clockwise, the display lights up indicating that the handheld intercom is powered on, then turn clockwise to increase the volume, and turn counter clockwise to decrease the volume and power off. The frequency of the handheld intercom has been set and encrypted. Remember not to set the handheld intercom again. The keyboard is locked and it is recommended not to unlock it.

Pressing and hold the left middle talking button to talk.



Alarm Function: The orange CALL button on the side of the upper left corner of the intercom controls the alarm function. Normally, when you are not talking, press and hold the CALL key for more than 3 seconds and the intercom will play alarm, and the onboard terminal will also play alarm.

Battery Charging



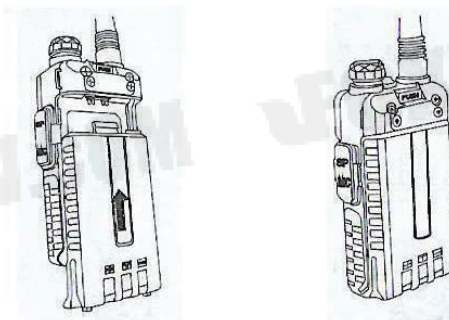
To charge, please follow the steps below:

1. Plug the power cable into the power adapter.
2. Insert the AC plug of the power adapter into the AC power outlet.
3. Insert the DC plug of the power adapter into the DC jack located on the back of the charger.
4. Plug the battery or the intercom with the battery into the charger.
5. Confirm that the battery is in good contact with the charging terminal, and the charging indicator turns red, which means charging starts.
6. After about 3 hours of charging, the indicator light turns green, indicating that the charging is complete. The battery or the megaphone with the battery can be removed at this time.

Install/Remove the battery

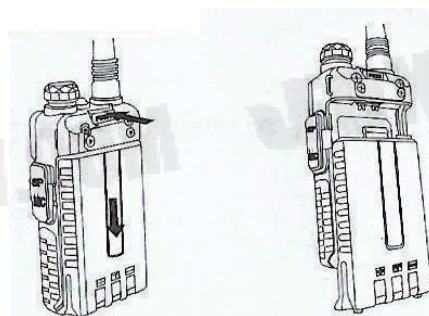
Install the battery

When installing the battery, please first ensure that the battery is in full contact with the aluminum case and is parallel, and the bottom of the battery is staggered downward by about 1-2 cm relative to the bottom of the host. Then stick the battery against the aluminum case slide way of the main unit, and push the battery upward until you hear a "click" sound, and the battery push button on the top has locked the battery.



Remove the battery

When removing the battery, please turn off the intercom first, push the battery push button on the top of the intercom to push it out, and then push the battery down about 1-2 cm. At this time, the battery can be removed from the intercom.



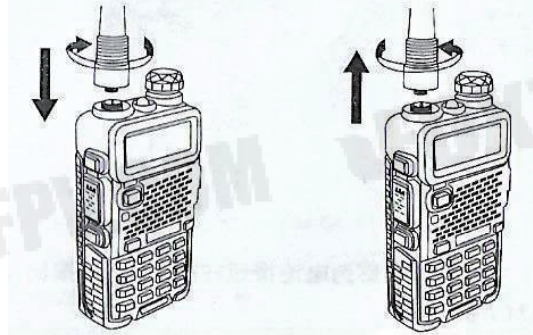
Install/Remove Antenna

Install the antenna

To install the antenna, insert the threaded end of the antenna into the antenna port on the top of the intercom and turn the antenna clockwise until it is tight.

Remove the antenna

When removing the antenna, rotate the antenna counterclockwise until the antenna is unscrewed.



Install/Remove Belt Clip

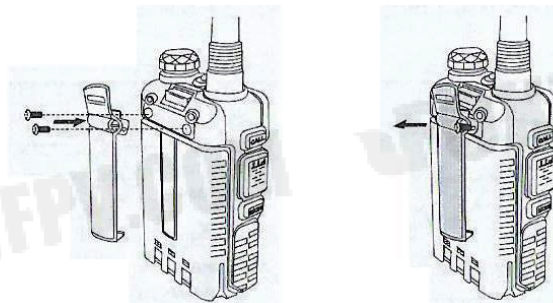
Install the belt clip

When installing the belt clip, loosen the belt clip screws on the main unit, align the screw holes of the belt clip bracket with the screw holes on the aluminum shell of the intercom, and fasten with the belt clip screws.

Remove belt clip

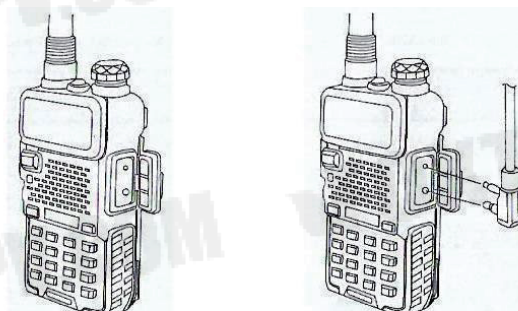
To remove the belt clip, loosen the screw.

Accessory Installation



Install External earphone/microphone

First open the earphone cover, and then insert the earphone/microphone head into the hole of the external interface as shown in the figure.



Button Instructions:



Antenna interface: Before using the megaphone, install the antenna at the antenna interface and screw it clockwise.

Power interface: power supply voltage range 12-24V.

Volume knob: Rotate the knob to adjust the volume of the megaphone.

TF card slot: The location where the TF card is installed, the TF card should not exceed 32G, the mp3 format, and the bit rate should be less than 320kbps.

TF card settings: Before using the TF card, you need to create two folders in the TF card, named MUSIC and RECOD.

The recorded mp3 audio in the MUSIC file named as 1001.mp3, 1002.mp3, 1003.mp3.



Place an MP3 file in the RECOD file and named as 1001.MP3 file.
This mp3 file will be overwritten during recording, and a 1001.mp3 file must be placed before using the TF card.



Button Description:

TF card audio control instructions:

1: MP3 audio playback (the audio has been recorded in the TF card):

Press the button PTT and button 1 (PTT+1) at the same time. When Mp3 audio is playing, the Recording needs to be in the non-recording state, and the Recording Playback is in the paused state.

2: MP3 audio next track (the audio has been recorded in the TF card): Press the button PTT and button 3 (PTT+3) at the same time (only in the state of mp3 audio playback, the next mp3 playback operation can be performed) The Recording needs to be in the non-recording state, and the Recording Playback is in the paused state.

3: MP3 audio pause (the audio has been recorded in the TF card):

Press the button PTT and button 2 at the same time (PTT+2)

Recording Description:

1: Start Recording : Press the button PTT and button 4 at the same time (PTT+4) , the megaphone is in the recording state at this time, press the speaking button of the intercom, and speak normally, then the content can be recorded (the recording time is not less than 5s. The recording time is less than 5s, the recording pause button does not work).

When the distance between the handheld intercom and the airborne megaphone is close, there is howling, you can turn down or mute the volume of the airborne megaphone. In this state, the volume of the recorded audio will not be affected.

In the recording state, if you don't talk through the intercom, it will still record, and when the recording is played, there is no sound. When recording, both the recording playback/pause and the mp3 playback/pause need to be in the paused state.

2: Finish recording: Press the button PTT and button 5 at the same time (PTT+5): the audio recorded by the intercom in real time is overwritten, the next one is recorded and previous audio is overwritten. The audios can be recorded in advance, stored in the TF card, and the playback can be controlled by mp3 Playback/Pausing.

Playing/Pausing of Recorded Audio:

1: Recording playback: Press button PTT and button 6 at the same time (PTT+6). The recorded audio is played in a loop. The recording needs to be in the non-recording state, and the mp3 playback/pause needs to be in the paused state.

2: Recording pause: Press the button PTT and button 7 at the same time (PTT+7).

Install:

As shown in the picture above, use the aluminum column and the adapter plate to connect the megaphone, which can be fixed to the aircraft through the holes on the adapter plate. If the megaphone interferes with the aircraft, you can add a layer of aluminum column to increase the distance. The onboard megaphone can be directly connected to 12V-24V power supply.

