

M15 UAV Megaphone System for DJI M300



M15 is a small-size, lightweight, and long-distance wireless megaphone system designed for DJI M300. The communication range is up to 5km, the sound transmission distance can reach 150m.

The onboard megaphone adopts high-decibel amplification equipment, a high-quality digital amplifier, and an audio processing unit, making the output sound loud and clear without distortion. The handheld end is a high-quality and user-friendly intercom with a humanized design for easy operation. The entire wireless communication system adopts encryption technology, ensuring that communication is free of interference, secure and reliable.

The M15 wireless megaphone system is an ideal choice for a variety of applications, such as disaster response and emergency management, public safety and security, search and rescue etc.

Specification:

Function: Real-time Broadcasting, 3 Kinds of Alarms and Sirens
10s Real-time Recording (recording and playback),
MP3 Function (TF card)

Max Power: 50W

Transmission Distance: 5km

Built-in Battery (Handheld Intercom): 2200mAh/12.6V

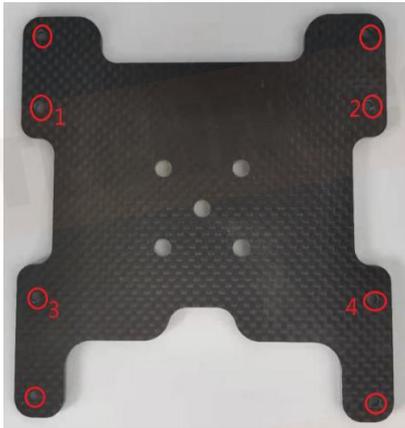
Frequency: 400-470MHZ

Sound Transmission Distance: 200m

Megaphone Weight: 700g

Megaphone Size: 190*100*160mm (including antenna)

Installation:



As shown above, with the mounting plate on the left, fix the 1.2.3.4 hole positions to the 5.6.7.8 holes under the M300 large plate on the right.

(mounting on the remaining 4 holes is also possible.)

Use of the on-board end: After the on-board end has been installed, press the switch button and the voltage is displayed normally.

Cautions:

1: After the megaphone is installed on the drone, you need to dial the quick release lock to the locked side.

2: Handheld end and on-board end in a static state, the voltage value displayed on the on-board end is not less than 10.5V, below 10.5V need to be charged in time.





Handheld Intercom

Function:

Real-time recording and playback, playback of warning and alarm sounds.

TF card is supported. The handheld terminal controls the audio playback in the TF card. Built-in battery, easy to carry.

Battery capacity: 12.6v, 2200mah

Function button description:

The three yellow buttons are for siren, fire alarm, and continuous alarm. The two red ones below are real-time recording and playback buttons; the button on the left is for real-time voice playback, the right upper button is power switch, and the right bottom button is the volume adjustment knob.

(一) TF Function

As shown in the figure above, turn on the power switch on the handheld intercom to turn on the ground terminal. When switching to the TF card mode, you can use the TF control button on the handheld terminal to control the TF card audio, the voltage is detected battery voltage (note: the battery voltage cannot be lower than 9.5V), and the antenna is a pulling-type antenna.

(二) Handheld Intercom

Press the TF/handheld intercom function button to switch to the handheld intercom end. When using the handheld intercom, first make sure that all 5 function buttons are in the pop-up state, and then turn on the power switch. At this time, the power indicator light will be on, the REC light will not be on, press and hold Play button to speaking. The Play button is in the pop-up state, and three kinds of alarm sounds can be realized by pressing the three yellow function keys. Press the Play button to speak to realize recording, release the Play button, and press the play button to play the recorded sound. (Note: The function of shouting and playing cannot be performed at the same time, and the RECORD button and the PLAY button must be in the up state when Speaking).



Notice:

1. The two red buttons on the handheld are in a pop-up state, and the controller switch button is at one end of the handheld intercom.
2. The left red button on the handheld intercom is the recording button, and the right red one is the play button. First press the record button, then press and hold the speaking button on the left side of the handheld intercom to speak normally (support max 10 seconds), after real-time speaking, press the play button to repeat the playback.
3. TF card supports max 32G, mp3 format, bit rate less than 320kbps, switch to the TF card end when working.
4. For the handheld antenna, it is recommended not to pull out the last two sections of the antenna during work to ensure a better effect.
5. It is recommended to turn down the volume for short-distance tests, and turn up the volume for long-distance tests.
6. Never hold the antenna of the hand-held end by hand when the megaphone is in operation.