

M10 Wireless Megaphone System for Drone Normal Version



This megaphone is particularly suitable for DJI Inspire 1 and Inspire 2, but UAV models from other manufacturers can also be installed. It is perfectly shielded for use with drones. The megaphone features a lightweight and simple size, which makes it easy for the UAV to carry, also easy for installation. It supports real-time broadcasting, MP3 functions (recording and playback) and plays 3 types of warnings and sirens. The power consumption is about 15-25W. And the audio transmission distance is about 5km, which can install a range increase mode to extend the distance to 15km. This megaphone system can be applied in many fields like traffic dispersion, police negotiation, search and rescue etc.

Parameter:

Megaphone weight: 280g

Size: 100x100x60mm

Power: 100W

Transmission distance: 5km (with range increase mode, can be extended to 15km)

Sound Strength: max. 115db

Power: built-in battery

Battery duration: 60 minutes

Functions:

Real-time broadcasting

Play 3 types of warnings and sirens

MP3 player (recording and playback)

Handheld Device:

Function: Real-time aerial shouting, real-time recording and playback, playing warning and alarm sounds, etc.; built-in battery for convenient portability. Battery capacity is 12.6V, 2200mAh.

Handheld Intercom Function Buttons Explanation:

Three yellow buttons are for playing car horn sound, fire alarm sound, continuous alarm sound, and the two red buttons below are for real-time recording and playback. On the left side, there is a button for real-time voice playback. On the upper right side, there is a power switch, and on the lower right side, there is a volume control knob. For detailed usage instructions, please continue reading below.



Handheld Intercom:

Features: Real-time aerial broadcasting, real-time recording and playback, playback of alerts and alarm sounds, etc. It can support a TF card, enabling control of audio playback from within the TF card. Built-in battery for easy portability. Battery capacity is 12.6V, 2200mAh.

Explanation of Handheld

Microphone Functions: The three yellow buttons are for playing car horn sound, fire alarm sound, and continuous alarm sound respectively. The two red buttons below are for real-time recording and playback. On the left side, there is a button for real-time voice broadcasting. On the right side, the top button is the power switch, and the bottom button is the volume control knob.



1. TF Function

As shown in the diagram, you can turn on the ground terminal by activating the power switch on the handheld microphone. Use the TF and handheld microphone function toggle button to switch between the handheld microphone and the TF card. When switched to the TF card mode, you can control the audio playback from the TF card using the TF control button on the handheld device. The voltage display shows the battery voltage (please note that the battery voltage should not be below 10.5V). The antenna is a retractable antenna.

2. Handheld Intercom

To switch to the handheld microphone mode using the TF and handheld microphone function toggle button, ensure that all five function buttons on the handheld microphone are in the raised position.

Then, turn on the power switch. The power indicator light will be on, and the REC light will not be on.

To use the handheld microphone, follow these steps:

1. Hold down the "Talk" button and speak into the microphone to utilize the broadcasting function. The "Talk" button should be in the raised position.

2. Use the three yellow function buttons to activate three different alarm sounds.

3. To record your voice, ensure that the "PLAY" button is in the raised position, press the "Record" button, and hold down the "Talk" button while speaking. This will initiate the recording process.

4. Release the "Talk" button and press the "PLAY" button to play back the recorded sound. (Note: The broadcasting and playback functions cannot be used simultaneously. While broadcasting, the "RECORD" and "PLAY" buttons must be in the raised position.)



Precautions:

1. When using the broadcasting function, ensure that both red buttons on the handheld microphone are in the raised position, and the controller toggle button is set to the handheld microphone mode.
2. The two red buttons on the handheld microphone, located on the left for recording and on the right for playback, work as follows: press and hold the recording button to record your message while holding down the broadcasting button on the left side of the handheld microphone (up to a maximum of 10 seconds). After finishing the broadcasting, press the playback button to replay the recorded message.
3. Use a TF card with a maximum capacity of 32GB, formatted in MP3 format, and with a bitrate lower than 320kbps when working in TF card mode.
4. For the handheld device's antenna, it is recommended to keep the last two sections retracted during operation for better performance.
5. When testing at close range, it is advised to lower the volume, while for long-distance communication, increase the volume accordingly.