maono



USER MANUAL

UHF Wireless Lavalier Microphone System

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1. Introduction

AU-WM730 wireless microphone system is an equipment in which the audio signal can be transmitted without wire by using UHF frequency. The system consists of two parts: portable transmitter and receiver. By using it, the audio signal can be transmitted and received within 100 meters to avoid the inconvenience caused by the long wire between microphone and the camera. It's wireless and convenient so that it is ideal solution for long distance audio recording, filming and interview.

The system includes a omnidirectional lavalier microphone, a 3.5mm to 3.5mm TRS audio cable, a 3.5mm TRS to 3.5mm TRRS audio cable and a camera cold shoe mount.

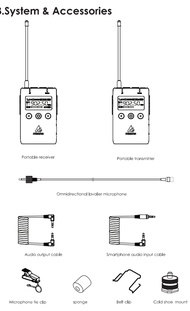
Product Feature

Independent transmitter & receiver
UHF wireless technology
Large LCD
Low cut filter
Attenuator
Mute
Transmition range up to 100 meters (328 ft)

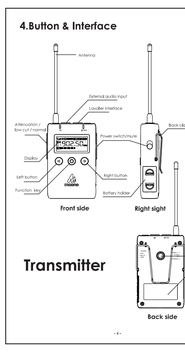
2. Specification

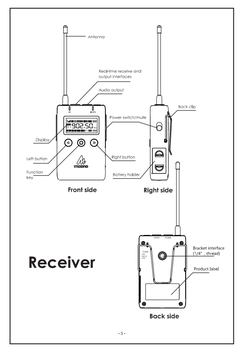
Communication Frequency	902.5 MHz~926.0MHz
Frequency Response	40 Hz to 18 kHz(+/-3dB)
Working Range	Up to 100 meters (328ft)
Antenna Type	External
Audio Input Interface	3.5mm Line-in
Signal to Noise	> =70dB
Distortion	<=0.2%
Headphone Output	40mW(32V/1Khz THD+N=1%)
Audio Output Level	<5db> _2dBu
Power Supply	AA x 2
Battery Life	Around 6 H
Size (antenna included)	218(H)*63(L)*24(W) mm
Weight	90g

3.System & Accessories



4.Button & Interface





5. LCD display introduction

Transmitter display



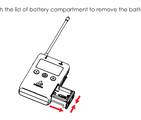
Receiver display



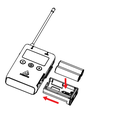
6. Battery Installation

Both the transmitter and receiver are powered by two AA batteries. To install the battery, please follow the steps below:

1. Pinch the lid of battery compartment to remove the battery holder.



2. Install the battery according to the terminals. Then, put the battery holder back.



7 Accessories Installation

7.1 Microphone Installation

Squeeze the wire loop at the collar clip to make the wire loop larger, and then wrap the wire loop onto the microphone's card position until the clip of the collar clip snaps into place.



Put the windproof cotton on the microphone



Model : AU-WM730

Technical Support:
support@maono.com
www.maono.com

RoHS Compliant
Made in China

7.2 Mount the microphone to the Transmitter

Insert the collar clip into the jack marked with "MIC" on the transmitter. To ensure a secure connection, be sure to tighten it by rotating the ring.

Note

After turning off the transmitter, be sure to install or remove the microphone to prevent damage to the plug during storage.

7.3 Line-in

The transmitter has the audio input interface "LINE-IN", which can accept other audio equipment to input to the transmitter, and use this wireless microphone system for transmission.

7.4 Connect to monitor headphone

1. The receiver has a monitoring function when the headphones are con -nected. Please insert the 3.5mm connector of the headphones into the "PHONES" jack of the receiver.
2. "OUTPUT" interface is an audio output interface, used to connect various recording devices or smartphones.

Note

Please turn down the receiver volume before the headphones is connected to protect your hearing.

7.5 Camera Cold Shoe Mount Installation

Follow the steps below to install the camera cold shoe mount:

1. Align the screw of the cold shoe socket with the screw hole on the back of the machine and screw it clockwise.
2. Adjust the square part of the cold shoe mount accordingly
3. Tighten the compression block on the side of the cold shoe to prevent it from loosening.

7.6 Belt Clip Installation

When using a belt clip, please remove the cold shoe mount first.

Installing the belt clip:

The belt clip of AU-WM730 can be easily removed and reinstalled on the belt pack transmitter.

Follow the steps below to install the belt clip:

1. Push the clip outwards to make one side of the clip pop out.
2. Push the clip out of the other side to completely remove the clip from the transmitter.
3. Align the belt clip with the hole in the transmitter, ensuring the clip faces the right direction.
4. Insert the other end of the clip into the belt transmitter.

8. Transmitter & Receiver Set-up

8.1 Turn on the Device

Slide up the switch on the right side of the transmitter and receiver for about 2 seconds, the screen displays information, and the boot is complete.

8.2 Switch the Channel and Pairing

Press the "function key". When "CH" flashing, adjust the "left / right button" to switch the channel of the transmitter and receiver to the same value, and press the "function selection key" again to confirm. If the transmitter is CH1, the receiver is also tuned to CH1.

8.3 Transmit Power Set-up: L/H

1. The transmit power needs to be set on the transmitter. Constantly press the "function key" until the screen displays ▮▮ or ▮ symbol flashing.
2. Press the "Left / Right Button" to select high / low power.
3. Press the "Function Selection Key" again to confirm and complete the power adjustment.

Note

Select the high-power 'H' mode, the working range will increase, but at the same time will consume more power. Please pay attention to the battery status and replace it in time to avoid power shortage. It is recommended to turn on low power 'L' mode for use in circumstance of small distance without obstacles, which is beneficial to prolong the battery life.

8.4 Mute and output volume control

1. The switch of transmitter and receiver is a three-way switch, corresponding to power off, mute and power-on.
2. By turning the switch of the transmitter or receiver, the mute mode can be turned on.

3. Adjust the output volume on the receiver. Press the 'Left / Right Button' to adjust the output volume of the receiver. At the same time, the value of the "Volume" displayed on the screen will vary between 0-15. The higher the value shows, the higher output volume is.

8.5 Low cut filter and attenuation function settings

This function can only be set on the transmitter.
The function switch on the left side of the transmitter can be adjusted in four levels, corresponding to the normal, low cut, attenuation, attenuation + low cut.

Use the switch on the left side of the transmitter to select these modes.

9. Troubleshooting

If you encounter any problems when using the AU-WM730 wireless micro -phone system, please follow the methods below to troubleshoot. If you still have issues, please contact us.

Status	Reason	Measure
Can't turn on the device	The polarity of the battery in the battery compartment is incorrect.	Correct the polarity of the battery.
	Battery died	Replace with a new battery
	The battery terminals in the transmitter are dirty.	Clean the +/- terminals
The battery is about to run out	The battery has ran out	Replace with a new battery
	You are using Zinc-carbon batteries.	Use alkaline batteries. We recommend use alkaline batteries for best performance.
	Use AU-WM730 astern under cold temperature	Power consumption is higher than normal temperature.
Can't change the channel	Not in the channel setting mode	Press the function key to adjust the channel, and then adjust it with the "Left / Right Key".
Has no sound	The channel of the transmitter and the receiver is not matched	Set the transmitter and receiver to the same channel

Volume is too low	Set too low the volume of the receiver	Adjust the volume to korrect to the highest level in the entire signal path without distortion to obtain the best signal-to-noise ratio.
	Is inserted to the signal input jack of the transmitter by mistake	Remove the cable from LINE IN and insert it into the microphone jack
Distortion	The volume of the receiver is inappropriate.	The volume of the receiver is inappropriate.
	Use mono headphones.	Use stereo headphones with 3.5mm connector.
The sound is noisy or distorted, including current sound, bottom noise, popping sound, etc.	The signal is interrupted.	1. Try to switch between different channels to avoid interference. 2. Try to adjust the angle of the transmitter and receiver. 3. There will be more radio frequ -ency interference workbook. Try recording indoors. 4. Keep the transmitter at least 0.5 m away from the receiver and keep the well away from conf -uctive objects such as metal and water. 5. Overhead phone lines, fluores -cent lights and metal fences can cause interference to the wireless microphone. 6. Turn off the electronic devices around, such as computer, mobile and telecom

The sound is noisy or distorted, including current sound, bottom noise, popping sound, etc.	The channel signal is weak.	Be sure that the antenna between the transmitter and the receiver is unobstructed. Your body clothing and stage settings may cause obstruction, and keep the transmitter within 100 meters of the receiver. If there are obstacles, you may need to shorten the transmission the distance between the receiver and the receiver.
	The input level of the camera, VCR or mixer is too high.	Turn down the audio input level of the camera or recording device. Lower the audio output level on the receiver. Turn down the insert gain. If there is no adjustment at setting function on the device, and the level is still very high, you can adjust the microphone volume level on the receiver.
Too many ambient sounds are picked up	When using an omnidirec -tional microphone like the one included with the system, the microphone may pick up more ambient sounds.	Be sure the microphone is as close to the talking object as possible.
No sound from monitor headphones	Headphone connection error	Be sure to use headphone with 3.5mm connector and is inserted to the jack of "PHONES" of the receiver.
	The volume of the receiver is set 0	Adjust the volume of the receiver to the appropriate.

10. FCC Statement

This device complies with Part 15 of the FCC Rules.

Operation meets the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Warning: Only qualified service personnel may install or repair this equipment.

Note

This device has been tested and meets the requirements of Part 15 of the FCC rules for Class B digital devices

These limits are designed to provide reasonable protection against harmful interference in residential installations. This equipment generates radiated radio frequency. If it is not installed and used in accordance with the instruc -tions, it may cause interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

1. Re-adjust or re-place the receiving antenna.
2. Increase the distance between the interfered device and the receiver.
3. Adjust the interfered device to a frequency band different from the radio wave of the receiver.
4. Consult the dealer or an experienced technician for help.