



# AUDIO ARRAY AM-W14 UHF Dual Wireless Microphone Instruction Manual

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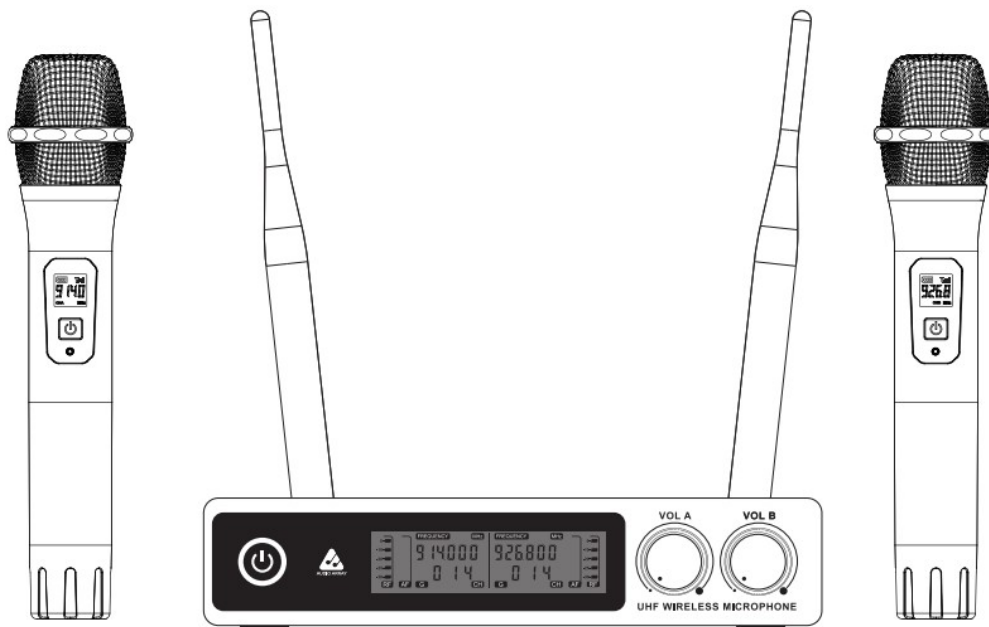


## AUDIO ARRAY AM-W14 INSTRUCTION MANUAL WIRELESS MICROPHONE

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**AM-W14 UHF Dual Wireless Microphone**



## TECHNICAL PARAMETERS

### 1.1 Comprehensive characteristics

Modulation mode:	FM
Audio response:	50Hz-15KHz
SNR:	>96dB
T.H.D. at 1KHz:	<0.5%
Temperature range:	-10°C-55°C
Working distance:	160ft-260ft (ideal environment)

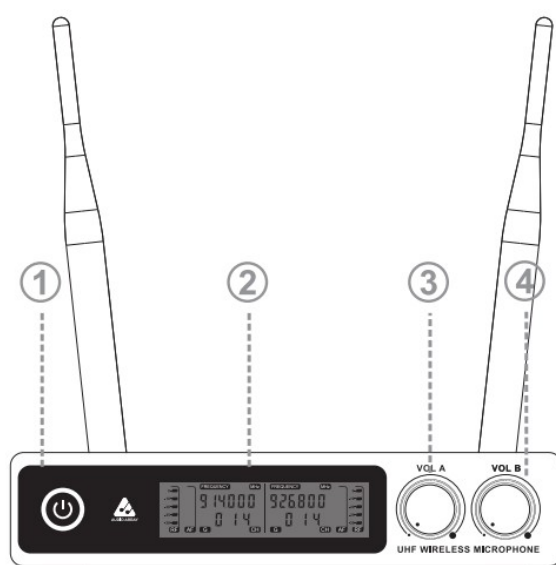
### 1.2 Receiver

Oscillation mode:	PLL(Digital frequency synthesizer)
Stray reject:	≥80dB
Image reject:	≥80dB
Sensitivity:	-52dB
Audio output Interface:	1/4" Output Jack XLR Output Jack
Working voltage:	DC 12V
Working current:	≤ 300mA

### 1.3 Handheld Transmitter

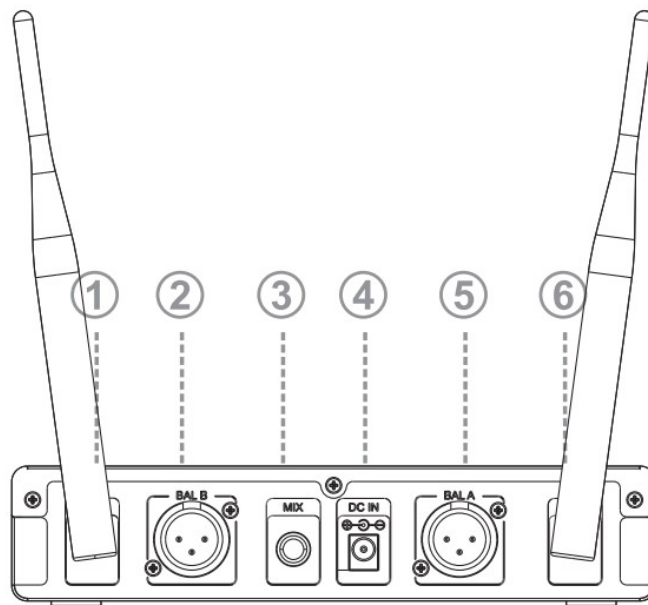
RF Power output:	$\leq 10\text{mW}$
Oscillation mode:	PLL(Digital frequency synthesizer)
Frequency stability:	$\leq 30\text{ppm}$
Dynamic range:	$\geq 100\text{dB}$
Frequency response:	50Hz-15KHz
Max input pressure:	130dB SPL
Microphone pickup:	Moving coil
Power supply:	2 (1.5V) Battery

## RECEIVER FRONT PANEL FEATURES AND INSTRUCTIONS



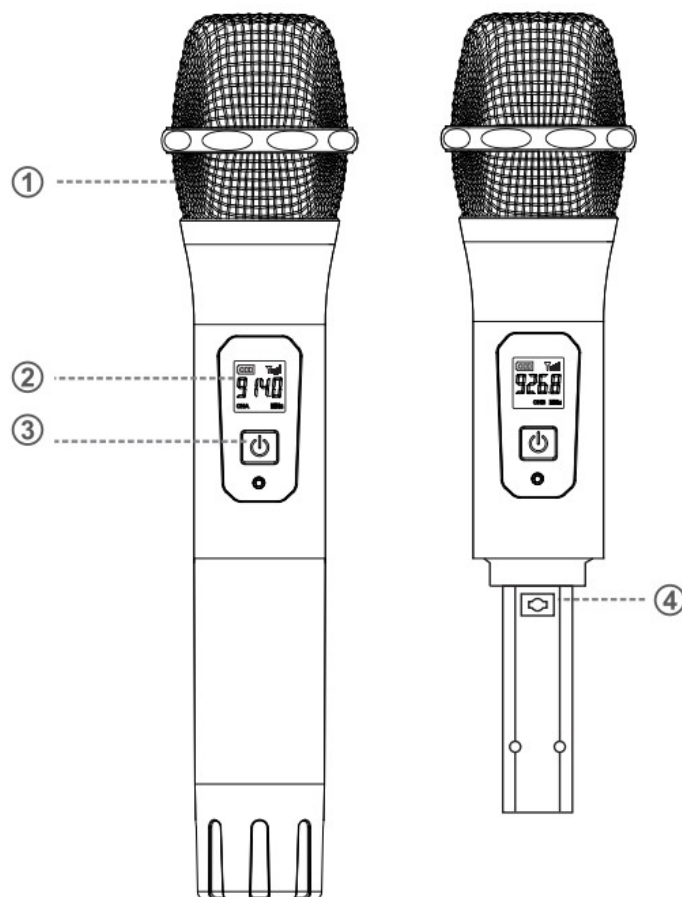
1. POWER Button: Press the power switch for 3 seconds, open power supply, LCD is bright; press the power switch for 3 seconds, the receiver power shut down.
2. LCD Display: Display system in the current working state.
3. Microphone A VOLUME control: Adjust the output volume. Clockwise rotation, the volume increase, Counterclockwise, the volume decrease.
4. Microphone B VOLUME control: Adjust the output volume. Clockwise rotation, the volume increase, Counterclockwise, the volume decrease.

## RECEIVER BACK PANEL FEATURES AND INSTRUCTIONS



1. Antenna B connector
2. Balanced Output B
3. Mixing 6.35mm Output
4. DC Power Input
5. Balanced Output A
6. Antenna A connector

## TRANSMITTER FUNCTION AND DESCRIPTION



1. Microphone head Section:

Including Microphone Cover Net and Microphone Cartiridge Module.

2. Display Screen:

Display working channels, battery power, frequency.

3. Switch button:

Press for 3 seconds on/off the microphone.

4. Frequency adjust button.

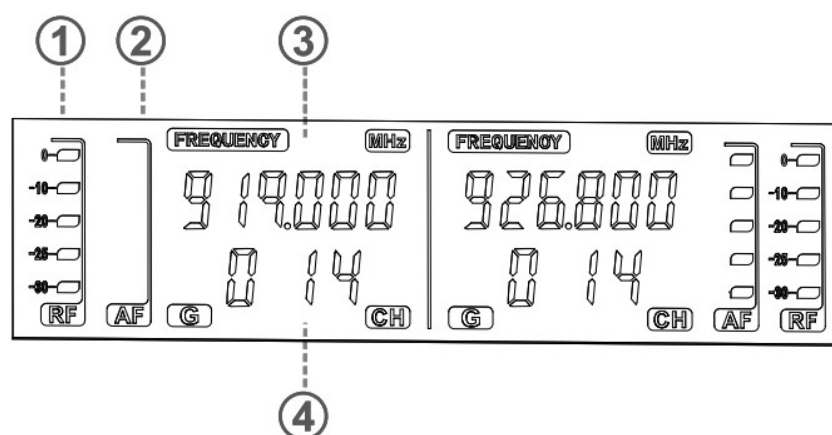
## SYSTEM SETTINGS

1. Adjust the volume to the smallest before turned on the transmitter, then turn on the receiver, the LCD lights up and alphanumeric displayed, then LCD will display the channel and frequency of the receiver.
2. After the transmitter is installed with the battery, press the switch for 3 seconds, the transmitter enters normal operation.
3. Turn on the transmitter first. The screen of receiver will light on. Then adjust the volume. When speak, the AF on the screen will light. When no sound or AF doesn't light, it means there is something wrong with the system and it needs repair.
4. Press the POWER button for 2 or 3 seconds to tum off the receiver.
5. The transmitter adjustable button (ie, transmitter function and description point 4) directly adjusts different frequencies, press to change the frequency, the receiver can automatically match the corresponding frequency, A microphone and B microphone do not interfere with each other, all can work normally. If use multiple sets of microphones at the same time, it need to set all the microphone (press the adjustable buttons) to different frequencies.

## RECEIVER SETTINGS

The display shows under normal working conditions.

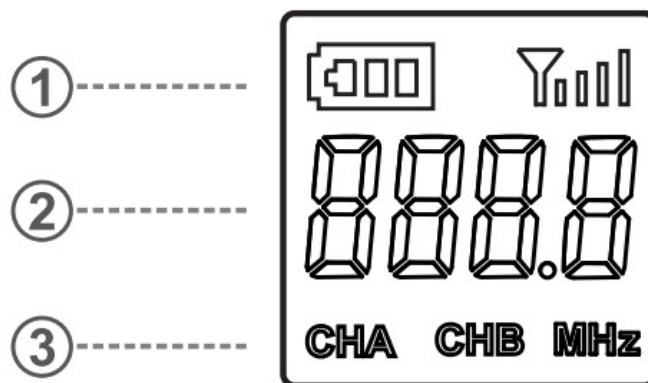
As shown below:



### Receiver LCD display:

1. RF signal strength display(RF)
2. AF signal strength display(AF)
3. CHANNEL: display the current working channel
4. FREQUENCY: display the current working frequency

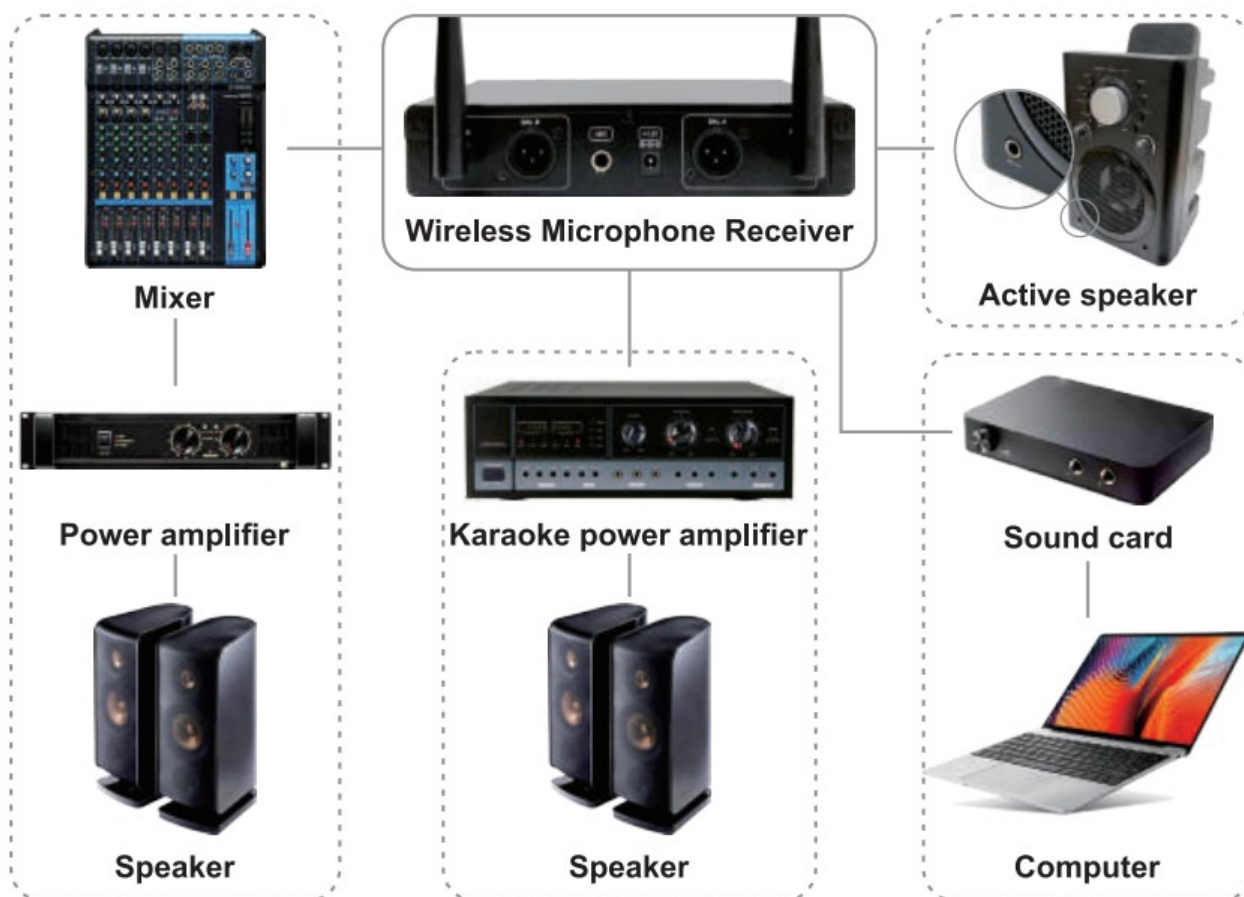
## TRANSMITTER SETTINGS



### Handheld transmitter display:

1. BATTERY: Display the Remaining Electricity of Transmitter Battery. When the battery power is low, the sign flashes. The battery should be replaced immediately to ensure the normal operation of the transmitter.
2. FREQUENCY: Display current working frequency
3. CHANNEL: Display current working channel

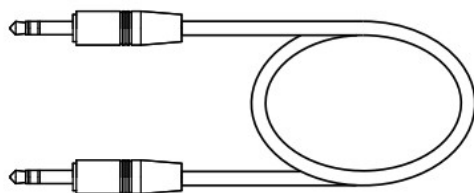
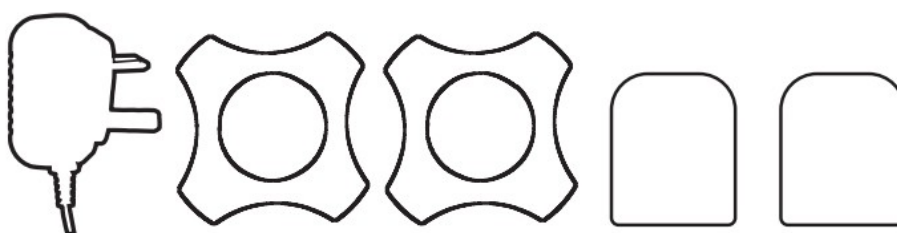
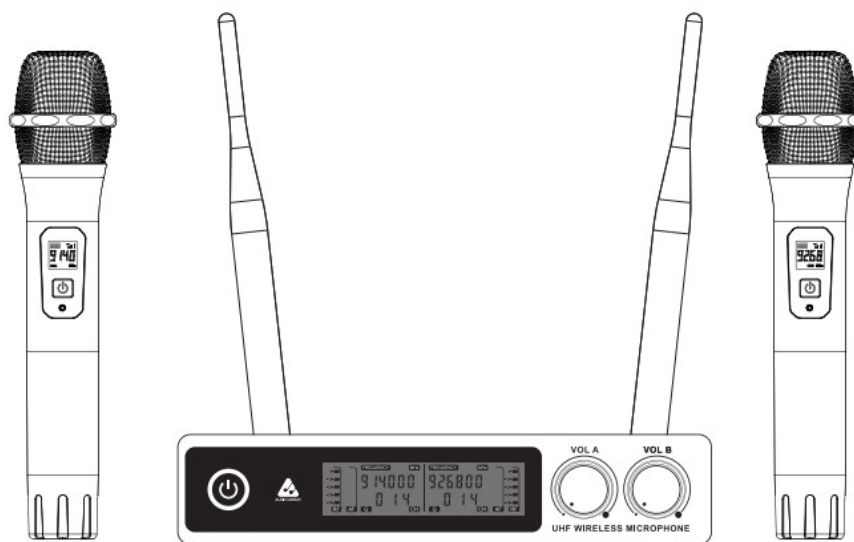
## CONNECTION DIAGRAM



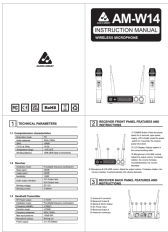
**Choose one of the following four connection methods:**

**Note:** The item doesn't work with TV directly, therefore we suggest not to connect it with TV.

## ACCESSORIES



AUDIO ARRAY



[AUDIO ARRAY AM-W14 UHF Dual Wireless Microphone](#) [pdf] Instruction Manual  
AM-W14 UHF Dual Wireless Microphone, AM-W14, UHF Dual Wireless Microphone, Dual Wire  
less Microphone, Wireless Microphone, Microphone

References

- [User Manual](#)