

**Professional Wireless Microphone Systems**



**KOK AUDIO**

**MI 700**

**User use manual**

**UHF WIRELESS  
MICROPHONE**

# warn

## pay attention to:

- \* For adequate ventilation of the equipment, please keep a certain gap around the equipment;
- \* The vents should not be covered with articles such as newspapers, tablecloth and curtains to prevent ventilation;
- \* Exposed flame sources, such as lit candles, should not be placed on the equipment;
- \* Normal use of the equipment in tropical and temperate conditions;
- \* The equipment shall not be subject to water droplets or water splashes, and such items as vases filled with liquid should not be placed on the equipment;
- \* The terminals with dangerous warning signs on the equipment are warnings of dangerous electrification and should not be contacted with hands. The external wires connecting these terminals need to be installed by instructed personnel or use off-the-shelf leads or flexible wires.



## warn

Do not place the machine in a wet zone to avoid electricity leakage or fire.

## Security matters

Do not open the rear cover to avoid electric shock. No spare parts, do not repair, if necessary, please professional maintenance.



This symbol indicates no insulation, Do not touch it to avoid getting an electric shock.



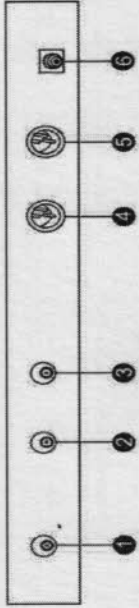
this symbol indicates important operational requirements, instructions carefully. Please read the operating

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## Rear panel and connection method



1 2. BNC antenna base, antenna input

3 6. 3 Audio hybrid output outlet, mixing the left and right signals together for output

4 5. XLR balance output outlet, output the signal into left and right separately

6 Receiver power supply, power outlet, input DC 1 2V / 1A

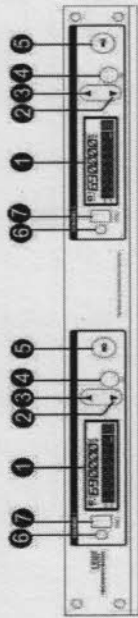
## method of attachment

1. Place the receiver near the amplifier or console system to the local power adapter. (Connect to location 6)
2. Connect the audio over the machine line at one end to the hybrid audio output end of the local machine, and at the other end to the microphone input port of the power amplifier or tuning console (connected to position 3).
3. If the separate output method requires, two balanced audio lines are connected to the balanced output seat, that is, two channels output respectively (connected to position 4, 5)
4. Screw the antenna into the antenna holder on the left and right sides of the channel (connected to positions 1, 2).

## preface

Sincerely thank you for your trust and support for the company's products, and welcome you to join our user team, this product has a solid structure, stable and reliable performance, easy operation, and more importantly, can present the sound perfectly. Whether you are a singer, an instrumental player, or a Kara OK lover, let your performance can play more freely.

## Front panel and LCD display



1. LCD screen (LCD), display channel, silent, RF signal level, sound and electricity equal.

2. ▼ (lower key)

3. ▲ (upper key)

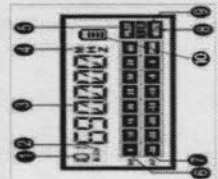
4. SET function button: press this key to select the menu cycle, press the ▲▼ key to change the currently selected menu status, and then press the SET key setting to take effect.

The 5. ON power switch button.

6. Infrared to frequency-button.

7. Infrared frequency window to transmit channel data to the transmitter.

## liquid crystal display



1. Channel display: Display the currently used channel

2. B.CH is the channel abbreviation

3. Frequency display: display the frequency of current use.

4. The MHZ is the unit of frequency.

5. The PILOT is the pilot display, when receiving the transmitter pilot signal is displayed.

6. Level 8 RF level display: display the received RF signal intensity.

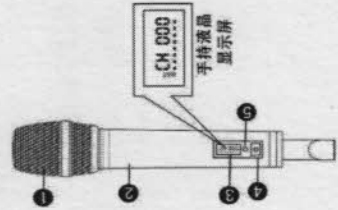
7. Level 8 audio level display: displays the size of the audio signal.

8. True episode display: automatically displays the current used antenna I or II.

9. MUTE is silent: when this light is lit, no RF signal is received.

10. Battery power display, showing the current used handheld battery charge

## Handheld transmitter and battery



1. Net head (containing Mimi core)

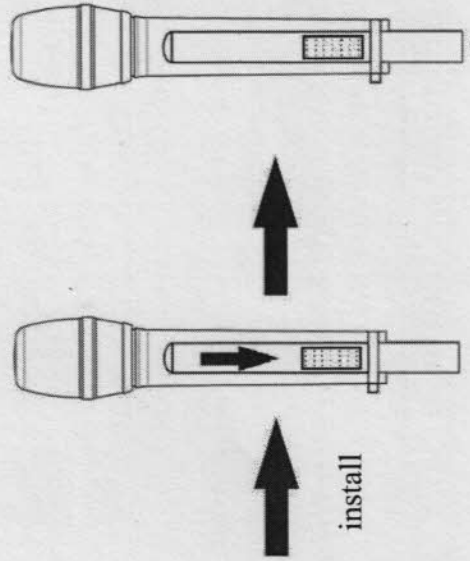
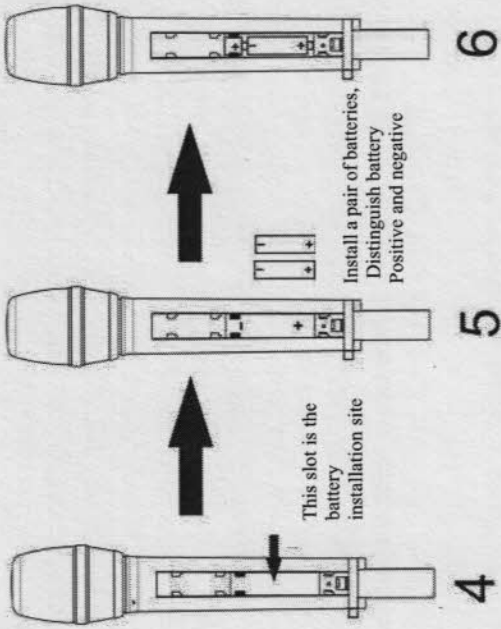
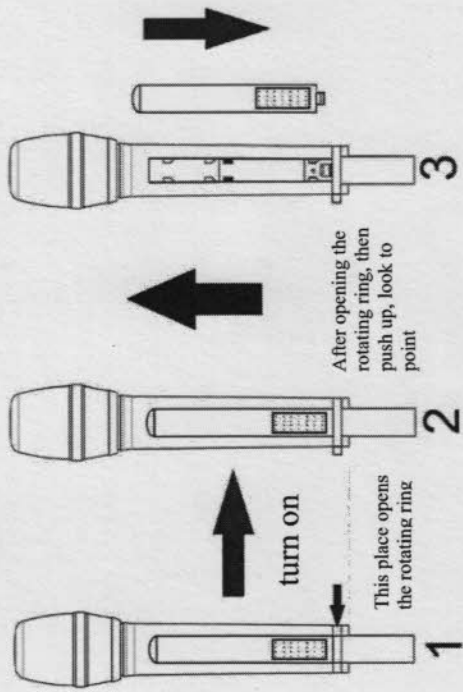
2. Metal pipe body: internal installed battery, transmitting circuit board.

3. LCD display: display channel, frequency, battery power.

4. mains switch.

5. Infrared frequency window: transfer the channel data to the transmitter.

### Battery installation





## starting up

1 After confirming that the connection is correct, minimize the volume of the amplifier or mixer. Press The "ON" key turns on when the LCD screen is on and turns from green to yellow. The MUTE display indicates that the receiver is on standby mode.

Note: Without the transmitter turned on, if the RF level indicates the flashing, and the current channel is in interference, please select the other non-interference channel.

2 Turn on the emitter, and load the battery. After the transmitter power switch is turned on, observe the receiver, the backlight changes from yellow to green, RF level meter is up, MUTE is off, pilot PILOT is on, diversity display I or II, (the receiver automatically selects according to the quality of the receiving channel). Frequency synchronization is complete.

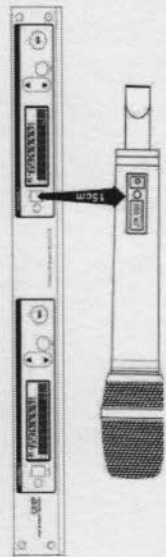
3. Speak the head of the microphone, The receiver's AF level meter will light up the audio level indication with the size of the sound.

4. In standby state, the LCD display shows yellow, After the frequency is connected the display is green.

## Receiver channel and To Infrared pair frequency setting

### 1. Channel Settings

When the frequency needs to be adjusted, press the SET key to enter the frequency adjustment interface, when the LCD screen flashes, and the button is set to the required frequency. After 6 seconds of standby, the blinking stops and returns to the main menu. The setting takes effect at this time



When the required frequency is set, face the infrared pair frequency window of the transmitter against the receiver. About 15 cm away, press the pair of frequency button. A red light is flashing at the receiver. Indicates that frequency receiver data is transmitted when the transmitter's LCD screen is on. Indicates that the receive and transmit frequencies are synchronized and the setting takes effect.

1. Sing, speak, or play your musical instrument at a normal volume. The following signals indicate that the system works correctly:

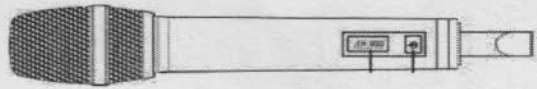
RF is RF, if the level shows the received signal the higher, the stronger the RF signal.

The AF is audio, and if the higher the level display reception signal, the higher the audio signal.

2. After the use, turn off the handheld power supply. If it is not used for a long time, the battery should be removed to avoid the damage caused by the battery leakage and corrosion of the circuit board.

### The microphone

Hold down the handheld power button for 1 second, The LCD screen will be the The LCD screen will be the Display the current channel, the battery power (as shown in the figure)



display screen

power switch

### The microphone is closed

Press and hold the handheld power button for 2 seconds, the LCD screen will display the OFF, and then the black screen will complete the shutdown process.

## add locking

In order to prevent changing the original set parameters from misoperation during use, the receiver has also designed an interface lock function like the mobile phone lock. It is much more reliable to use. Press the SET key for three consecutive times to enter the locking state, and then the interface flashes. Press the ▲ key to display the following figure. Flash stops and returns to the main menu. The additional lock setting takes effect right now.



## Deb locking

When SET and ▲ or ▼ shows the following below, the system is currently locked. Only the volume adjustment and counterfrequency functions are now available.



Press the SET key for three times to enter the unlock state. The figure interface as shown below appears and flashes.

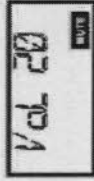


Press the ▲ to change the status. As shown in the figure below. Flash stops and returns to the main menu. The unlock setting takes effect right now.



Note: In the above function operation, if the setting of the original parameter is changed, and the system will have no keys in the case of action, automatically confirm and return to the main menu after seconds.

## Volume adjustment



Without pressing the SET key, press ▲ key to enter the interface (as shown above), display the current volume and flashing, (minimum 0, maximum 30, factory 23) after pressing the ▼▲ key to adjust the required volume. twinkle stops and returns to the main menu. The setting is in effect right now.

## sensitivity

Press the SET key two times to enter the setting state, when the current sensitivity is displayed and the interface flashes. Press ▼▲ to adjust to the desired status (factory set to SQ HI). Blink stops and returns to themain menu, when the setting takes effect.



HI-high (high) long-distance reception  
MID- middle (middle) medium distance receiving  
LOW-Low (low) low distance reception

Note: This function is designed to adapt to different use environment (radio interference environment), generally need not be set, so as not to affect the receiving distance and affect the use effect.

## automati

Press the SET key for four times to enter the automatic search non-interference channel execution interface. Then the interface displays the AUTO and flashes the interface. Press The ▲ key performs an automatic search. When the non-interference channel is searched, it will automatically stop, and it can be used normally again.



## performance parameter

system parameter	
modulation mode	Broadband FM (FM)
frequency range	530-580MHz, 640-690MHz
Number of channels	200 preset channels with 250KHZ
frequency stability	±0.005%
dynamic range	100dB
maximum deviation	±48KHZ
Audio frequency response	50HZ-16.5KHZ
Integrated SNR	105dB
Comprehensive distortion	<0.3%
Adjacent channel inhibition	>70dB
operating distance	About 100, 150 m
Receiver index	
receive mode	Automatic dispatch reception
mode of oscillation	Phase-locked ring (PLL) frequency synthesis
Antenna input	BNC socket outlet / (50Ω)
intermediate frequency	110MHz, 10.7MHz
sensitivity	12dBuV (80dBBS/N)
Discrete inhibition	>75dB
Maximum output level	+10dBV
supply electricity	At 12V DC, 1A
working current	<500mA
Transmitter index	
antenna	The handheld microphone has a built-in spiral antenna, and the waist-hanging transmitter uses a 1 / 4 wavelength whip antenna
RF output power	High-power level of 30mW,
pick up head	moving-coil
Discrete inhibition	60dB
supply electricity	Two # 5 AA alkaline batteries
Battery life	High power for 6 hours,
	operating ambient temperature -10° C+50° C

## Product distribution, item list

	name of a part	unit	quantity
1	Power adapter	individual	1
2	antenna	branch	2
3	Angle code (including	cover	1
4	6.35 Audio Connector	twig	1
5	instructions	stem or root of plants	1



## corrective maintenance

question	cause	terms of settlement
The emitter LCD does not display	Polarity error when installing the battery	Check and install it correctly according to the standard
	Battery power is insufficient	Replace the battery
	Battery contact piece is dirty or rusty The electrical socket is not energized	Clean or replace the battery contacts
The receiver does not turn on		Ensure that the AC power outlet is normal and that the supply voltage is normal.
	Poor receiver power contact	Verify that one end of the AC power adapter is plugged into the power socket, and the other end, and is plugged into the DC input connector in the rear panel of the receiver.
The receiver has no reception	The transmitter and the receiver are not on the same channel	Transmitter and receiver are set to the same channel
	The microphone is not turned on	Turn on the corresponding microphone
	The microphone exceeds the effective distance The volume knob is in the minimum position	Back to the valid distance
The receiver has received no sound	Wrong audio connection line connection or bad contact, damage.	Check the receiver volume knob and the volume knob for the voice expansion system
When the microphone is not on, the receiver, reception, noise in the speaker squawk	Other equipment with the same or similar frequency is available nearby	Check the suspicious connection audio cable and audio interface
Use the medium sound on and off	The receiver volume is too loud	Change the position of the receiver or change the frequency of the system
	Over the effective distance of the file receiver	Adjust the receiver volume in the appropriate position
Short effective distance	The environment is too complex	Back to the effective distance to use
Audio signal distortion	The transmitter volume is too high The receiver is too far away	Avoid complex environments or add antenna amplifiers
		Adjust the transmitter volume
		Return to the effective distance range, with maximum sensitivity adjustment.

Note: If the fault is not included in the table, do not repair, please contact the manufacturer or local dealer!