Intelligent induction microphone system **User manual**



The latest automatic induction patent technology. Microphone will auto mute after left transmitter enter into idle mode, automatic power off.

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enter into idle mode, automatic power off.

Digital pilot receiver operation

Turn off the receiver, press left "up" button to turn on, can set lock function. Lock state as follows.

Press left and right "DOWN" to turn on the receiver. Enter into ID encryption menu. LCD screen

any transmitter, For avoid string frequency, we suggest customer don't use this function.

display "IDON" ,press "up" or "down" to change. "IDON" is nomally using mode. Under this situation,

receiver only suitable used with the last matching transmitter. "ID OFF" is for testing, it is suitable for

Attention: Under "ID ON" situation, LCD Screen display battery level, while "ID OFF" will not.

After set down "ID" function, press "SET" button to set ID algorithm identifier. Customer can

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If appear that transmitter and receiver showed the same frequency, but the receiver

The receiver can only used the last with matching frequency transmitter

has no sound signal, to set once again.

use this function when use near than 200 sets in a karaoke club.

4, Receiver, LOCK AND UNLOCK

5, BUILT-IN HIDDEN DEBUG MODE

1, IN ORDER TO ADAPT DIFFERENT GAIN SYSTEM, THE NEW DEVICE WITH MAXIMUM VOLUME FUNCTION.

Operating mode as follows: Power off, press left and right "+" together, then turn on the receiver, LCD dispaly "VOL", press

"+" "-" to set MAX volume. Pess "SET" twice to save and exit. Factory MAX volume is "72" ,the bigger of number, the louder of the volume.

Digital pilot receiver operation



The way enter into menu is same to item I. Press left and right "+", turn on the receiver, first menu is MAX volume, press "SET", enter into feedback menu. LCD display "db2", customer can set from

Note: this function only for two transmitters use at the same time.



3, AUTOMATIC SEARCH FREE CHANNEL FUNCTION.

Under complex environment, it is better to use auto search available channel function; Press "SET" for two seconds, enter into auto search menu, when receiver get usable channel, the data is lighting, put transmitter close to "IR" window, press "SET", this operation finished.



CATALOG

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Analog pilot receiver operation

A, the four key receiver operating: press SEL Button to choose (A stands for left while B stands for

right), then press the "UP" and "DOWN" to plus/minus the frequency point, the corresponding channel

Finally open transmitter, keep it close to the receiver IR window, then press receiver SET key again, 2

seconds later, transmitter frequency point will be same to receiver. Six key receiver operation: press

the" up "and "down "to change frequency point, and then press SET key, press the SET key again to

A, receiver with four buttons, automatically locked under boot mode, then press "SEL" butto

to automatically unlock, turn it off again. It is locked; B, Receiver with six buttons, press "SET"

button three times to enter the "LOCK ON and LOCK OFF" menu, Press the up and down key

Four key receiver can display the complete information, no adjustable options. Six key receiver can

not display frequency and points at the same time. If you want to display frequency, press the "SET"

key for 2 times enter into the display mode Settings Menu (DISPL), "CHANNL" is for the frequency

On rear panel of the receiver, there is an SQ" potentiometer near to antenna, adjust the SQ

suggest you to set the smallest while without string frequency.

potentiometer to adjust the host receiving distance, Clockwise to set largest, receiving distance

is furthest, the smaller the distance closer. Can set the data up to karaoke installing situation, we

display mode "CH * * *", "FREQU" is for the frequency display mode. Press "SET" button to save and

1, CHANGE THE FREQUENCY POINT.

2, RECEIVER/UNLOCK.

3, DISPLAY MODE SETTINGS.

4, DISTANCE CONTROL.

display will flash, then press SET to confirm.

switch can unlock, press the "SET" key to exit.

Problem & Solution

trouble shooting

Some common problems and their solutions are identified in the table below. If you are unable to solve the problem, Please contact your dealer for solutions.

Situation	Solution
No voice;(situation: the RF display of receiver off)	Check the transmitter and receiver to see whether it is on the play of "NO" Check if the "negativre" and the "positive" pole of the battery confused. Check the antenna connecting situation Make sure that there is no block between the antenna and the transmitter.
No voice(situation:RF display is nomal; AFdisplay is nomal)	Check if the voice of receiver is on the lowest place. Check whether the connecting between the loudspeakers and receiver are nomal.
No voice(situation:RF display is nomal; AF display is un-nomal)	Check whether the power of the transmitter is on. Exchange transmitter when it is necessary
Put through the transmitter, there is some noise or some nterruption noise in the receiving signal	Check whether the battery is tight enough. Eliminate the disturb RF source is nearby. Check the connecting situation, if using githar or other musical instrument. If both of the transmitters are using the same frequency, check it and close one of them. maybe the signal is too infirmness, adjust the place of the antenna more nearly to the transmitter as possible. Replace other channel.
There is some noise, after closing the transmitter.	Adjust the sensitivity button of the transmitter, the "SQ" button. Eliminate source of RF noise Adjust the place of the receiver or the place Of the antenna again.
While the showplace is moving, the voice from the transmitter may get lost sometimes.	Adjust the sensitivity button of the transmitter; the "SQ" button. Locate the receiving machine over again and hare the "on-show" experiment. Observe the RF display. If you find some voice lost, tag the point and avoid this point when performing.

Receiver operation

6. Power socket: DC12V500mA power input socket, positive voltage connect with the center of

14. Audio output: suitable for long distance connection, effectively reduce noise due to cable.

(10) (11) (13) (14) (12) (14) (13) (11)

3. Frequency menu display: the last six characters display the current operating frequency.

4. Menu display: FREQ light on, display the current operating frequency.

5. MUTE display: mute light on, means not received RF signal.

the electrode.

7. Antenna socket.

Receiver LCD display

8. Mix audio output: mix two output signals together.

1. RF display level: display received RF signal strength.

6. I stands for channel A while II stands for channel B

Audio level display: display the audio signal.

9. Noise control: If set "-", the shorter distance, lower sensitivity, otherwise.

6) UHF frequency band, phase-locked loop (PLL) frequency synthesis

8) Superheterodyne secondary frequency conversion design, with extremely high receiving

9) Special mute circuit design, completely eliminate the noise of microphone turns on or off.

11) Adopts unique design of booster battery, will not affect the stability when battery use out.

noise control knob, can be in 10 meters According to need Flexible setup effective radius of operation between 80 meters.

16) Special models for KTV projects, two microphone with one receiver. Easily install more than 100 KTV rooms, the product structure design is unique, Quick and easy maintenance.

classroom, meeting room, etc., is the key products, are extremely interested Customers . Packing type: conventional color box packaging (see sample)

Operation of transmitter

technical parameters

The latest automatic induction patent technology, microphone will auto mute after left transmitter within 3 seconds (at any direction or any angle can be), Enter into idle mode after 5 minutes, automatic shutdown after 15 minutes and then completely cut off the power,it is a new concept of



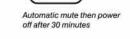
intelligent, automatic wireless microphone system.











1) New circuit structure, high frequency is exquisite and low is strong, especially on the details

of sound with perfect performance. super Strong dynamic tracing ability makes it easy pick up no matter long distance or short.

Digital pilot induction microphone system characteristics

2) New concept of digital pilot technology, solve KTV rooms string frequency Phenomenon completely.

Build in feedback circuit board, more easier to operate. 4) Automatic search effective channels , installation is more convenient

5) Maximum volume can be set.

7)100 * 2 channels, spacing 250 KHZ

sensitivity RF part adopts multilevel high-performance medium filter, good anti-interference ability, the first middle frequency acoustic filters, the second middle frequency use level 3 ceramic filter, very good to improve the anti-interference ability

Use tesco 5 batteries, can keep up to 6-10 hours.

12) Working distance is about 80 meters, suitable for all kinds of requirements. 13) Adjustable transmission power and noise threshold, after receiver panel is set external

15) With IR automatic frequency function, can make the transmitter work more faster.

Applicable occasions: suitable for high-grade KTV room, small and medium-sized performances,

645-694.75MHz Frequency range Adjustable channel Oscillation mode Phase-locked loop (PLL) frequency synthesis Frequency stability Plus or minus 10 PPM Secondary superheterodyne frequency conversion Reception mode Pilot way Digital pilot Receiving sensitivity - 95 - - 95 DBM Frequently response 40-18000 Hz 0.5% or less Signal to noise ratio 110 db or higher

Audio output Equilibrium output and mixed output 12mw Transmission power Frequency modulation (FM) Modulation mode battery specification 2 no.5 batteries

Power supply specifications 100-240 - v 50-60 Hz 12 VDC power adapter (switch) 12 VDC or 220 vac / 50-60 Hz (linear power supply)

The power consumption 10 w or less

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in particular installation. If this equipment does cause harmful 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

-- Reorient or relocate the receiving antenna.

--Increase the separation between the equipment and receiver. --Connect the equipment into an outlet on a circuit different from that to which the receiver is

void the user's authority to operate the equipment.

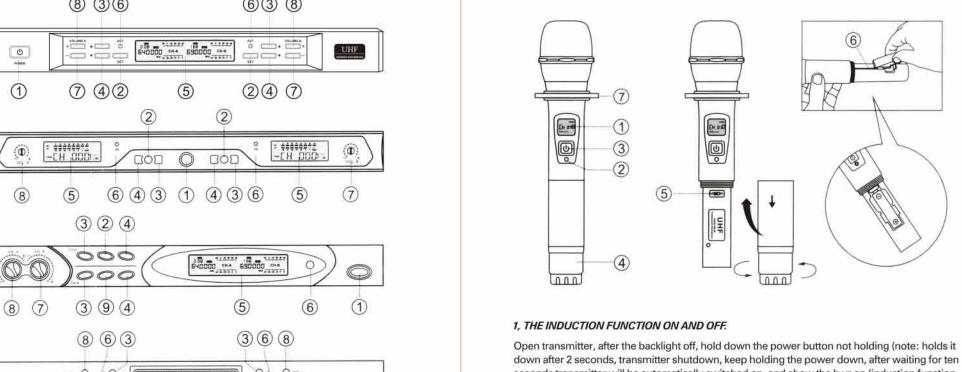
alog pilot induction microphone system characteristics

The latest automatic induction patent technology, microphone will auto mute after left trans-

Basic configuration

This series product is composed of handheld mic and receiver, including audio output cables batteries, frame and auxiliary installation Form a complete set screw, such as product specification attachment.

Intellisense receiver function



1. Power: press the power switch, LCD is bright, turn on power, and then press power knob for 3 seconds,LCD closed, power shut down.

2. Four function keys: can choose left or right side with No.9 "SEL" button, choose No. 3 "▲" No. 4" ▼" button to select current menu, then press No. 2 "SET" to confirm. 3. Liquid crystal display (LCD): can display channel, mute, receiving signal level, audio power level.

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4. Frequency of infrared window: cooperate with "SET" key, keep the transmitter close to No.6 to get channel parameters.

Volume knob

down after 2 seconds, transmitter shutdown, keep holding the power down, after waiting for ten seconds transmitter will be automatically switched on, and show the byr on (induction function open) or b yr off (table Induction function closed), then release the power release button, transmitter enter into normal work mode. Open and close the induction function is the same operation, simply Repeat again. Please remember that holds the power down at the whole

Operation of transmitter

(5) High \ low power switch (6) Battery compartments

(3) Power switch

1, MICROPHONE, THE SHAPE OF THE STRUCTURE

(1) LCD screen (2) IF receiving window

(4) Tail cone

(7) Roll ring



Operation method and attentions

Operation method:

Connect the audio system well;

audio system from power amplifier to mixe

2. Set the volume of the receiving machine and the loudspeaker to mix;

3. Turn on the power of the audio system from mixer to power amplifier. 4. Turn on the power of the transmitter;

5. Adjust the audio effect of the audio system: firstly, adjust the volume of the receiving machine to the middle point, turn on the microphone, talk directly forward the microphone, fit the volume secondly, adjust the tone, volume controller carefully and make the voice clear and the volume suitable. Add the transmitter and experience the "on show" process;

6. There are some problems with receiver . Please check this user manual to find out and solve the problem. If the problem can not be solved, please contact the technician or sales.

7. After using, please turn off the power of the transmitter, than turn off the power of all the

1. The antenna location will effect the receiving signal of receiver, so pay attention to the installation method. The most important principle is that keep shortest distance between the microphone and the receiver.

2. Avoid putting the receiver near the computer or other equipment which can produce RF

Avoid putting the receiver to the lowest exclude install antenna far away.

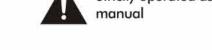
4. This receiving system can fill 200 microphones use at the same time, and it could be set different frequency by professional technician. 5. When some wireless systems are used at the same time, pleas pay attention to the setting

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of "SQ" of the receiver. The lower the sensitivity, the shorter the working distance. It is better to set "SQ" state.

microphone systems. We are confident to say we are the expert of manufacturing wireless microphone systems. Our products are suitable for KTV, stage, school, stadium and so on. Our products are with high quality and interested in many customers. We supply best best and great quality for our customers. Our professional engineers can help you to solve all the problems.





--All safety and operating instructions should be read before the product is operated.

--Power cord protection: Protect the power cord from being crushed, especially the power

--Humidity: The unit should far away from water.

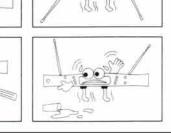
--Electronic shock: Be careful that no objects fall or liquid is spilled inside the unit through

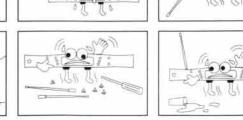
ventilation openings.

--Smelling: All suspicious burning smells or smoke, please power off and pull out the plugs







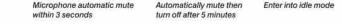


mitter within 3 seconds (at any direction or any angle can be), Enter into idle mode after 5 minutes, automatic shutdown after 15 minutes and then completely cut off the power, it is a

In order to adapt to different occasions, the microphone with high \ low power designed. Set power to "H" position, the highest the power, the furthest the distance, (effective working distance is about 200 meters), power consumption is bigger. When the switch to "L" low power position, microphone transmitted power is lowest, the effective distance is about 60 meters(empty), less power consum-









display to the receiver IR window, press SET key of receiver to set same frequency.

ption. The user can according to the actual situation to choose Settings.

Press power button for 2 seconds, microphone display will light up and LCD screen will display related work information, including working frequency (channel), battery level and other information. situation to check if need to replace the battery. In general, a pair of ordinary No.5 battery can be normal used for 8 hours. When the battery is 1 case, screen flashing shows LOW voltage will prompt "LOW BAT", shows that the battery is about to run out of, please replace the battery. In addition, the display backlight will automatically put out a few seconds after switch on the microphone enter into energy saving mode, if you need to look the screen when the using information, press the power switch can light. Press the power switch for 3 seconds, the display shows "OFF", then the microphone will be turned OFF. When the microphone when not in use for a long time, please take out the battery

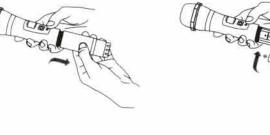
4. START-UP AND SHUTDOWN OPERATION

2, HIGH \ LOW POWER SWITCH

3, INFRARED FREQUENCY:

to protect circuit board.

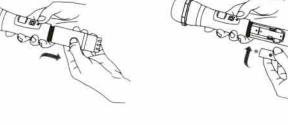
Handheld microphones out of the packaging, unscrew the tail cone, according to the polarity to labeled into 2 section No.5 battery, and then turning the tail cone.







5, INSTALLATION, THE MICROPHONE BATTERIES



new concept of intelligent, automatic wireless microphone system.

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classroom, meeting room, etc., is the key products, are extremely interested Customers .

of the following measures:

-Consult the dealer or an experienced radio/TV technician for help. Changes or modifications not expressly approved by the party responsible for compliance could

Thanks for purchasing our wireless microphone. With several rich experience of producing





Read carefully about safety and manipulation requests --Prevent water, metal, combustible or other objects from falling, avoiding fire or electronic

--Please keep this user manual for reference.

--Temperature: Do not install near any heat sources. Such as radiators, stoves, heating resistance or other apparatus that produce heat.

-Cleaning: Do not use volatile liquid. Such as alcohol, paint thinner, gasoline and so on. Clean only with dry cloth.

