

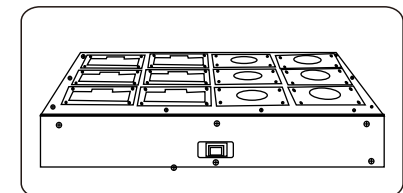
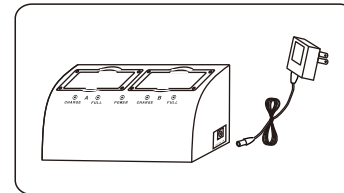
# OPERATING MANUAL



Notice:As the product is constantly improving,these won't be any further notice for the improvement.  
Actual product will not be as pictured.

## UHF PLL WIRELESS MONITOR SYSTEM

Dealer:  
经销商:





# Table Of Contents

Peaface.....	2
Specification.....	-3
Specification.....	4
Receiver Description.....	5
Transmitter Description.....	6
Operations of transmitter.....	7
Operations of Receiver.....	8
Safety Instructions.....	9
Common Faults.....	10

# Peaface

Thanks for choosing our wireless guide,electric guitar original transmitting system .The wireless system suffices to all kinds of audio industry ,multi-languages translation, wireless auditor and so on .In order to get the best using effect ,please read the manual carefully before operation .

## <1>FEATURES

The wireless system is designed for audio &public broadcast users .It is easy to hear clear without complicated signal connect cables or speakers .It is a free transmission for guitar and all kinds of bandsman on dynamic performance ,a professional language translation and tour explanation equipment .It is suitable for international conference hall ,school teaching, museum, temple ,hospital ,playground ,gymnasium, tour industry and impediment listener ,etc.

## <2>PRODUCT INTRODUCTION

The UHF stationary transmitter ,it built-in 32 frequencies which function is same as our wireless microphone system with 12MHz band.With up-date configuration and circuit design ,it is the best choice of professional language interpretation ,tour explanation and wireless transmission for electric guitar .

### MAIN SPECIFICATIONS

- 1)PLL phase locked loop ,built-in 32 frequencies within 12 MHz band.
- 2)With digital LCD including frequency ,channel and battery voltage .
- 3)With microphone signal input ,shared signal input of MP3/CD
- 4)S/N Ratio of compander circuit >90dB
- 5)2\*AA batteries
- 6)It adopts soft antenna ,safety and not easy to break
- 7)With fixed bolster which suitable to all kinds of applications .
- 8)With advanced TONE-LOCK function ,the leader of strong anti-interference

The UHF body-pack receiver .It built-in 32 frequencies which function is same as our wireless microphone system with 12MHz band.With up-date configuration and circuit design ,it is the best choice of professional language interpretation ,tour explanation and wireless transmission for electric guitar .

# Accessories List

## Accessories list:

- \* Receiver-----1
- \* Earphone..... 1
- \* Transmitter-----1
- \* Audio cable-----1
- \* AA batteries-----2
- \* Adaptor-----1
- \* Antenna-----2
- \* Manual-----1

## Common faults

1. When the power is turned on, the display does not light:
  - \*Is the power cable is correctly plugged in?
  - \*Is there power at the power socket?
  - \*Is the fuse blown?(Remove power before checking!)
2. When you speak into the microphone, and the RF power is showing correctly, but there is no sound output:
  - \*Check the transmitter or receiver output volume controls are turned up?
  - \*Check the audio output and microphone cables are connected correctly?
3. Signals are only detected are short range between the transmitter and receiver.
  - \*Check antennas are correctly connected and are for the correct frequency-band?
  - \*Are the receiver batteries OK?
  - \*Are there other strong RF transmissions in your location?
4. Audio quality is poor:
  - \*Are the receiver batteries OK?
  - \*Are there other strong RF transmissions in your location?
  - \*Is there another nearby microphone system on the same channel?  
(Separate same-channel systems by at least 100m, or use other frequencies.)
5. Momentary loss of sound as microphone(s) removed throughout the operating range.
  - \* Reposition the receiver, perform a “walkthrough” and observe the signal strengths. If audio dropouts persist, mark these “dead spots” in the operating area and avoid them during the performance.

## Specification

### 1-clip mic/headset mic (optional)

Type: condenser  
polar pattern :uni-direction  
frequency response: 20Hz-20KHz  
sensitivity: -48dB±2dB  
output impedance: ≤680 Ω  
S/N ratio :>58dB  
power supply :DC1.5V-10V  
cable length :1M  
output connector : Φ3.5mm mono plug

### 2-TRANSMITTER

**Operating frequency:794-806MHz**  
**Adopt CPU control**  
**With 32 channels for free selection and LCD display.**  
Band width:12MHz  
Oscillation:PLL synthesized  
Channel resolution:400K  
stability: ±0.005% 0°C-50°C  
R F output power:10mW/30mW/50mW  
With FM Max frequency adjusting:±45KHz  
frequency response:50Hz-15KHz ±3dB  
Level input control:Pre-panel knob  
AF input indication:8bands LCD  
AF input connector:XLR 1 / 4(6.3mm)  
Power:outer power DC:13.8V 450mA  
Measure:210mm(L)x 170mm(W)x44mm(H)

### 3-RECEIVER

**\*Operating frequency :794-806MHz**  
**\*Adopt CPU control**  
**\*With PLL combined technology**  
**\*With 32 channels for free selection and LCD display .**  
**\*Frequency stability : ±0.002%**  
**\*AF output voltage adjusting knob**  
**\*Frequency response:50HZ-15KHZ 3dB**  
**\*AF output change:earphone/line output**  
**\* Noise locked+pilot tone locked**  
**\*Power supply:2\*AA batteries**  
**\*Standing time:about 8 hours**  
**\*Special charging hole**  
**\*Measure:90mm(L)x 63mm( W)x22mm(H)**  
**\*Weight: 95g(no battery),145g(with batteries)**

# SPECIFICATION

## 4-EARPHONE SPECIFICATION

type: mono earphone  
 speaker's diameter :9mm  
 sensitivity :103±3dB/mwot 1KHz  
 impedance :32Ω  
 frequency response :20Hz-22KHz  
 rating output power :100mw  
 plug :Φ3.5mm

## 5-AF INPUT/OUTPUT CABLE

A: cable length :1M ,both sides are Φ3.5mm mono plug  
 B: cable length :1M ,one side is Φ6.5mm mono plug ,the other side is Φ3.5mm

## 6-CHARGING PLUG SPECIFICATION

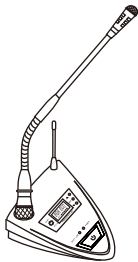
AC power input :110-230V  
 DC power output :12V 450MA  
 charging battery :2\*1.2V (AA)charging battery  
 charging current :0-150mA

## Multi-applications(additional buying accessories )

### 1-Wireless handheld microphone



### 2-Wireless conference microphone





### 3.Wireless body-pack transmitter



# Safety Instruction

 **Caution**  
 To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Only refer servicing to qualified service personnel.

 The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and servicing instructions.

 The lightning flash & arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of danger.

It is essential that these safety and operating instructions be read before using this product, and that all warning and operating procedures be understood and complied with.

**USER MANUAL STORAGE:** Store this user manual in a safe place to allow for future reference.

**USE AND STORAGE:** The product must not be exposed to high humidity, high magnetic fields, high temperatures, or direct sunlight. If not in use for extended periods, the power plugs should be removed from receivers, and the batteries removed from the transmitters or microphones.

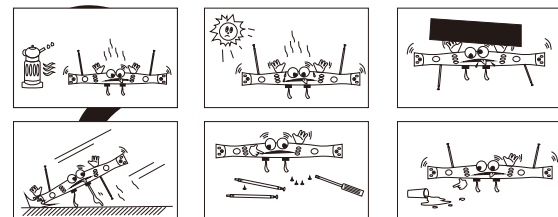
**CLEANING:** Remove the power plug from the wall before cleaning. Do not use volatile petroleum products or strong chemicals to clean the metal and plastic cases.

**ACCESSORIES:** Use only factory-provided or factory-approved accessories.

**POWER:** Check that the power supply ratings on the unit are suitable for your local supply.

**MAINTENANCE AND SAFETY:** If the equipment fails or does not operate correctly, do not attempt repairs or adjustment. Other than batteries, no user-maintainable parts are used in this product. Dangerous voltages are exposed when the outer case is opened. All repairs and adjustments must be carried out by qualified technicians.

**PARTS CHANGE:** If any parts require replacement, the same specification components must be used. Failure to do this could result in fire or electrical shock injury.



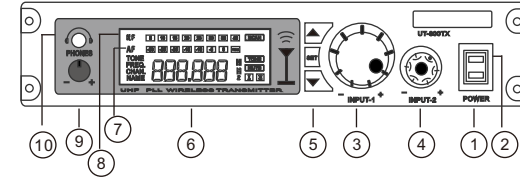
## Operations Of Receiver

- 1) Open the battery cover,insert 2 \*AA 1.5V batteries into the receiver battery compartment,turn on thereceiver power,the LCD display will be ON,it is showing the frequency and battery level (BAT ), check the receiver frequency is the same as the transmitter,and the battery voltage,if the low bat indicator long lighting ,and corresponding LCD display BAT under 2 segments,it is the low voltage,please replace them with the new batteries
- 2)The receiver include Voice gain adjusting device can be follow each person sound.
- 3)AF output selective switch.According the use of AF output signal to select the line output(high impedance,low level output) or earphone output(100mw,32 low impedance output),to make surethat the signal can be at the best and without any distortion.
- 4)Channel frequency set: To faciilitate the large number of users using the system,at the first channel frequency need reasonable set by group. the same place can t be used same frequency.Channel frequency set follow below:press SET key first display screen digitalshines,then press button until get to right frequency,after 5 seconds,the receiver will auto-save & lock the result of setup.
- 5)2.4V charging connector,it is to charge for 2\*AA 1.2V battery. The charging time dependson its capacity,it is advised to use the charging battery with 1500mAh,and its charging time is 10-12hours. (Operation of battery charger follow below:)

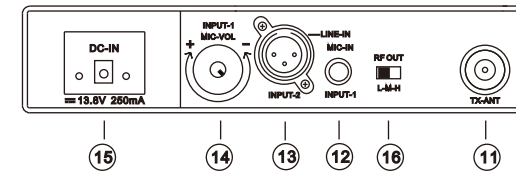
- 1.Plug the AC power transducer(AC to DC)into commercial power plug. Plug the AC 6.5mm into 12V charging input,the POWER lamp will be lighting.
- 2.Make sure that the 2\*AA 1.2V battery of receiver is charging battery withright polarity.Put the receiver frontal face to the user,plug into charging plug with right side. The corresponding charging lamp CHARGE will be lighting,the FULL lamp will be lighting after full charging.
- 3.It is advised to close the power of receiver when battery of receiver is charging.To avoid breaking down the inner component of receiver with high power.

## Transmitter Description

FRONT PANEL



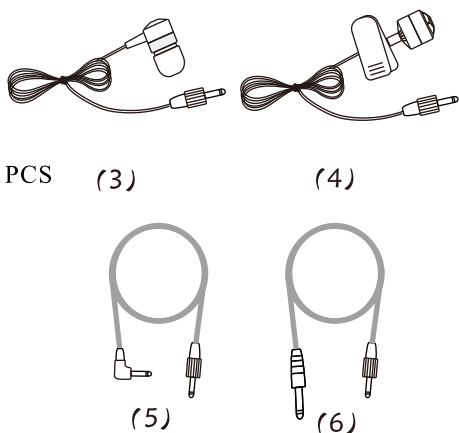
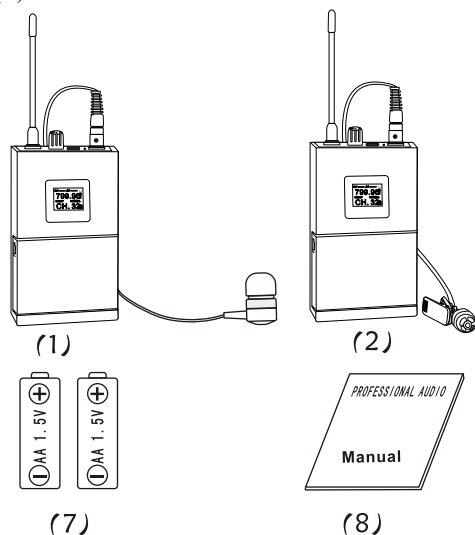
BACK PANEL



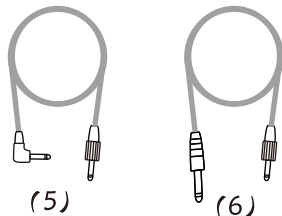
- 1-power ON/OFF
- 2-power lamp
- 3-INPUT-1 audio input volume control
- 4-INPUT-2 audio input volume control
- 5-channel & frequency selection
- 6-LCD display
- 7-AF input level indicator
- 8-RF output level indicator
- 9-earphone monitor output volume control
- 10-earphone monitor jack
- 11-antenna socket
- 12-INPUT-1 audio input jack (unbalanced XLR )
- 13-INPUT-2 audio om[it kacl (balanced 6.3mm )
- 14-general volume control
- 15-DC IN jack
- 16-RF output power selective switch

## Receiver description

- (1) Receiver : 1PCS
- (2) Transmitter: 1PCS
- (3) Double channel earphone : 1PCS
- (4) Clip condenser microphone : 1PCS
- (5) Audio connecting cable : 1PCS
- (6) Electric guitar audio connect cable : 1PCS
- (7) 1.5V battery : 4PCS
- (8) Manual : 1PCS



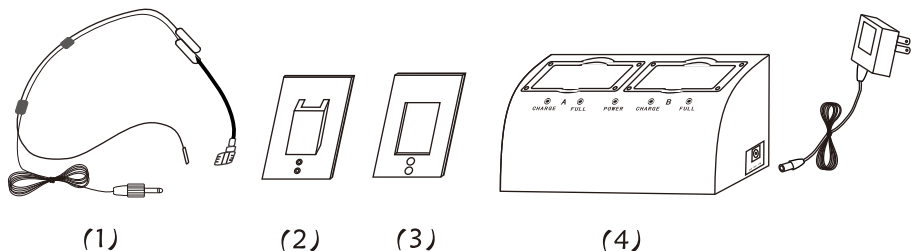
(3) (4)



(5) (6)

## <4>OPTIONAL BUYING ACCESSORIES

- (1) headset condenser microphone
- (2) fixed bolster
- (3) double side sticker (Use to stick the fixed bolster on machine ,e.g. on VCR.)
- (4) Charging plug (with AC/DC adopter )



(1) (2) (3) (4)

## Operation Of Transmitter

1. Check the operating frequency be same as the receiver, and plug in the correct antenna to the rear connector, adjust each antenna to be as near vertical as possible.
2. plug the DC socket ,connect to audio input signal source (e.g. : wire microphone ,wireless microphone, CD ,DVD ,MP3,mixer ,etc. ) Please decrease the volume of INPUT-1 ,INPUT-2 and PHONE to the mini position in advance ,then turn on the transmitter .
3. Open the corresponding table receiver or body-pack receiver /monitor , and turn the volume of ,INPUT-1&INPUT-2,earphone to the moderate position .Two channels earphone monitor on the transmitter .
4. If there is no RF signal when the transmitter and receiver is on , you should check if the frequency are the same ,or reset .  
Channel frequency set : press SET key first ,now the LCD frequency twinkling ,then to press ▲ ▼ key to choose the corresponding channel frequency, the frequency will be locked after 5 second LCD frequency twinkle .
5. RF OUT POWER set :there are High(H),Middle(M),Low(L) for your optional to meet the needs of different uses of lone or short distance . You'd better choose Low(L) to save power consumption and avoid other interference from other transmitter .

### RF LCD display :

High(H): ■ ■ ■ ■ ■ ■ ■ ■  
 Middle(M): ■ ■ ■ ■ ■ ■ ■  
 Low(L): ■ ■ ■

6. Turn off power :turn down the volume of transmitter ,receiver , amplifier to mini position and then turn off the power of transmitter to protect the amplifier and speaker .

### TRANSMITTER INSTALLATION NOTES :

From the ground is higher than 1 metre .Away from the wall is greater than 1 metre .Antenna to pull the machine or otherwise , will affect the results .



