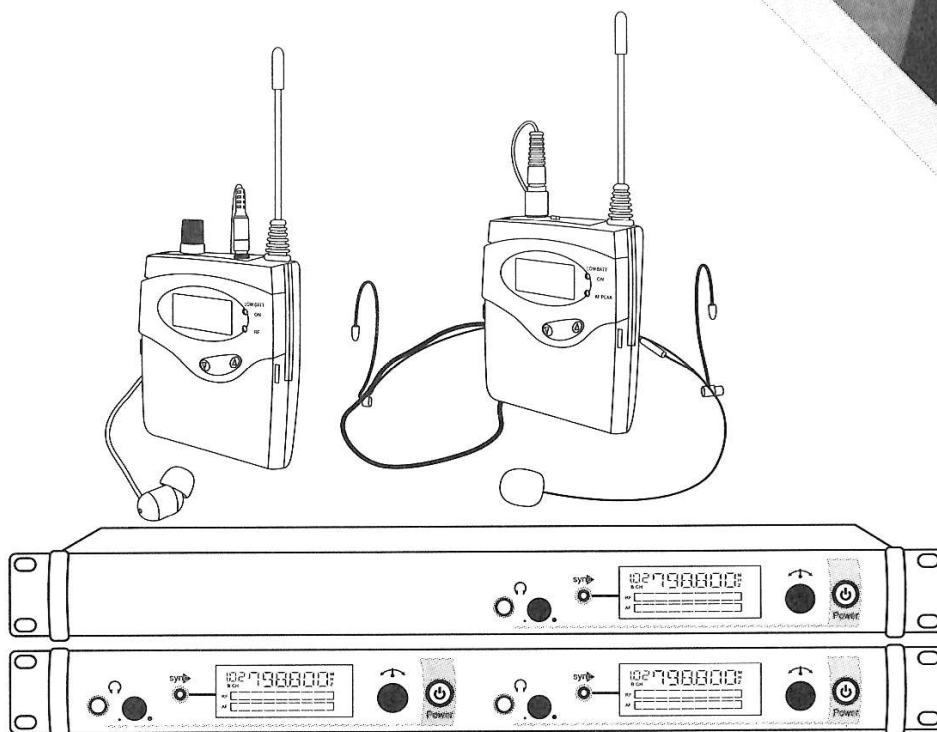


TUGA

RW2080

USER INSTRUCTION



In uses the unit before, please read the instruction manual carefully and keep the instruction manual properly in order to need in future.

Preface

Thank you for choosing our multi-channel microphone products. In order to guarantee you use this products well, please read this instruction booklet carefully before using, understood correct operating procedures, to obtain the best effect.

Security and Environment

1. Keep the facility under cool condition, and do not put this machine in the site which is high temperature, moist, dusty or close to liquid stuff.
2. Do not open the machine in case Fire, electric shock risk.
3. Only can use the power adapter which the machine offers and confirm whether the working power voltage is fit for adapter access specification. It may be damage if using adapter that supply by other distributor.
4. Turn off the machine and pull out the adapter when you leave for long time.

Product presentation

1. This wireless Ear-monitor System is used in stage performance and sound broadcast which can replace traditional complex sound monitoring equipment, achieve admirable listening effect.
2. With using the latest high frequency transmission and audio signal dynamic processing technology, also improve the signal-to-noise ratio of the dynamic range so that the system has the best anti-interference to show the perfect original sound again.

Main features

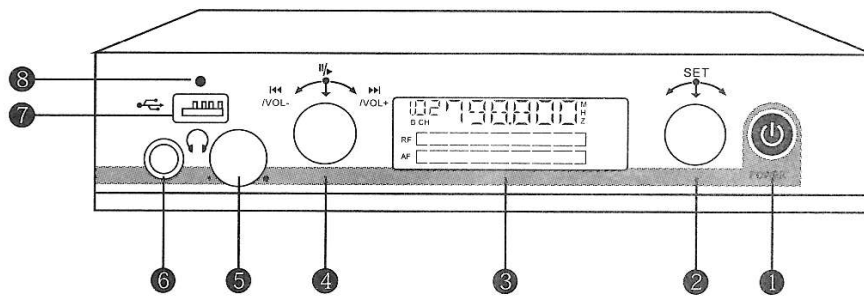
- UHF band Phase lock PLL
- Among the band of 32MHz, the preset 40 frequencies can be arbitrary switching
- Dynamic expansion circuit, greatly improve signal-to-noise ratio
- Elegant liquid crystal display panel
- With power and RF receiving indicator lamp
- With using two No. 5 batteries and efficient power circuit, long service time
- Metal housing, sturdy and durable
- The transmitter adopts balanced and unbalanced sharing socket
- The transmitter is with output monitoring phone jack

Main function

The system consists of a mini receiver and transmitter combination, and its main function and characteristics are described below:

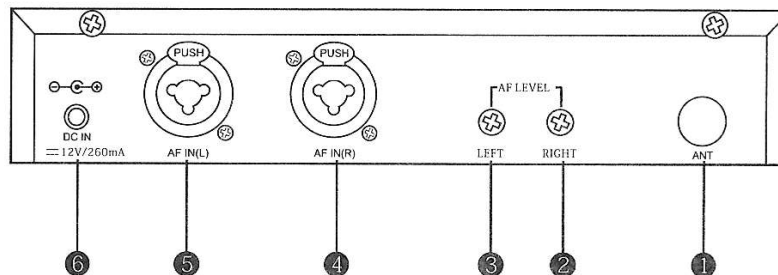
- Among the band of 32MHz, you can preset 40 frequencies which can be arbitrary switching.
- With using advanced circuit design, clear the receiving blind angle to make the system's receiving signal steady. The system is strong resistance to fall because of the housing is made by tough metal material. It is the best choice of stage performance monitor product.

The front panel instruction of single channel receiver



1. Power switch
2. Function setting key : choose the function of setting
3. LCD display : show the operation of each item and setting the content
4. USB function setting key : adjusted the function of USB play , volume control etc.
5. Earphone volume potentiometer : adjusted the volume of earphone
6. 6.3 earphone output socket : connecting the stereo earphone, monitoring the output signal
7. USB socket : connecting USB disk, MP3 audio frequency input
8. USB indicate light : to indicate the working condition of USB disk

The back side panel instruction of single channel receiver

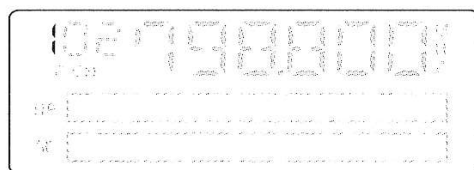


1. Antenna
2. Right channel potentiometer : adjusted volume
3. Left channel potentiometer : adjusted volume
4. Right channel output : can use balanced and unbalanced
5. Left channel output : can use balanced and unbalanced
6. DC power : connecting 12V DC power input socket , the voltage of the outlet center is positive voltage

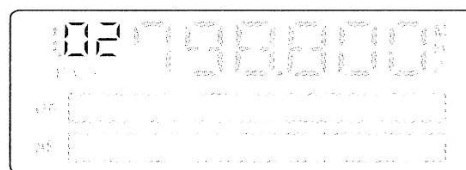
The instruction way to use single channel transmitter

1. Turn on / off : long press the button "POWER"
2. Group choosing : ① pressed "  ", ② turned "  " to left or right to choose the frequency range you need.
3. Channel choosing : ① pressed 2X "  ", ② turned "  " to left or right to choose the frequency range you need.

Group



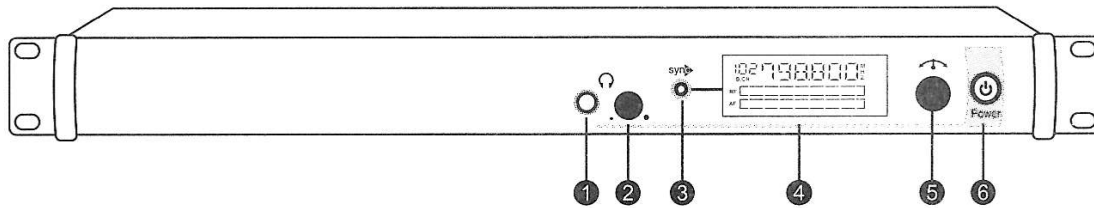
Channel



4. USB using method :

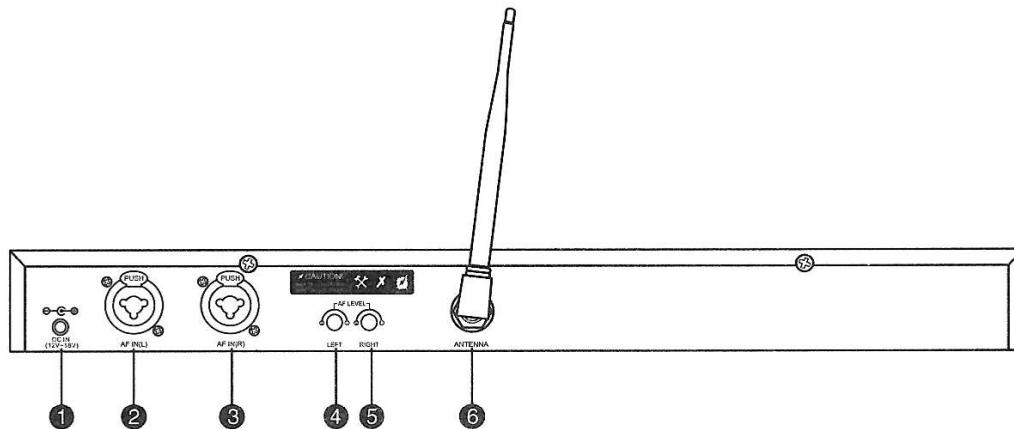
- ① Start/pause USB : insert USB or MP3 , pressed "  " lightly
- ② Choose music : turned "  " to left or right to choose last or next song
- ③ Adjusted USB volume : turned "  " to left or right to decrease or increase volume.

Single Channel Desktop Transmitter Front View



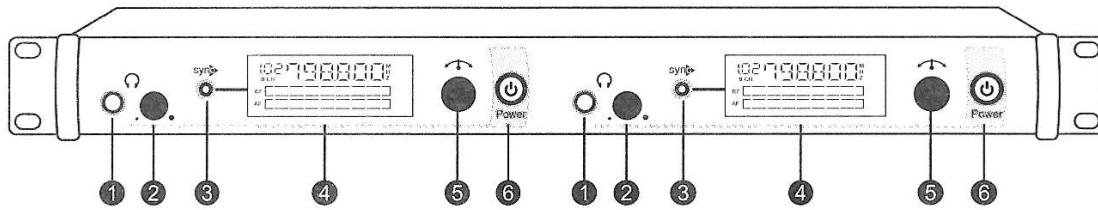
1. 6.35mm headphone output: connect stereo headphone, monitor output signal
2. Headphone volume potentiometer: adjust stereo headphone volume
3. SET selection: choose setting function
4. LED: display operation and content
5. DOWN selection: choose setting function
6. Power switch: turn on/turn off

Single Channel Desktop Transmitter Front View



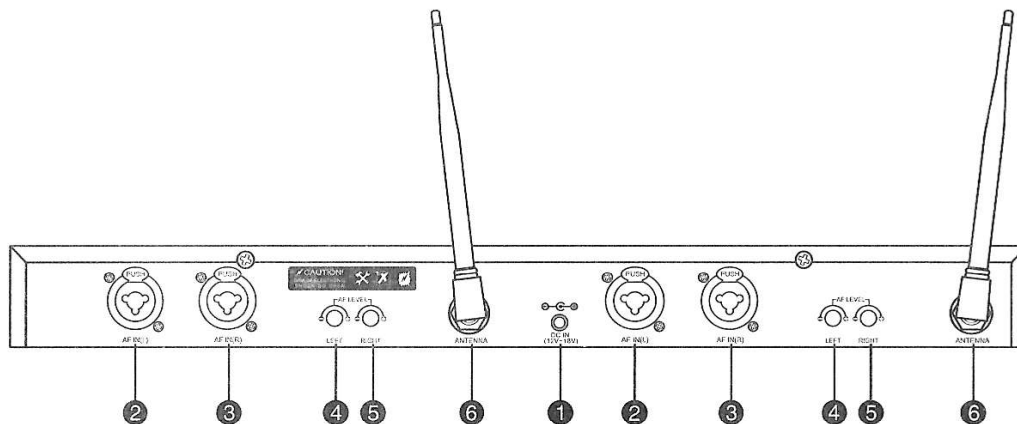
1. DC power socket: connect with 12V DC power input socket, the socket center connect positive voltage
2. The left channel: balanced and unbalanced sharing input
3. The right channel: balanced and unbalanced sharing input
4. Left volume adjustment potentiometer
5. Right volume control potentiometer
6. Antenna

Double Channel Desktop Transmitter Front View



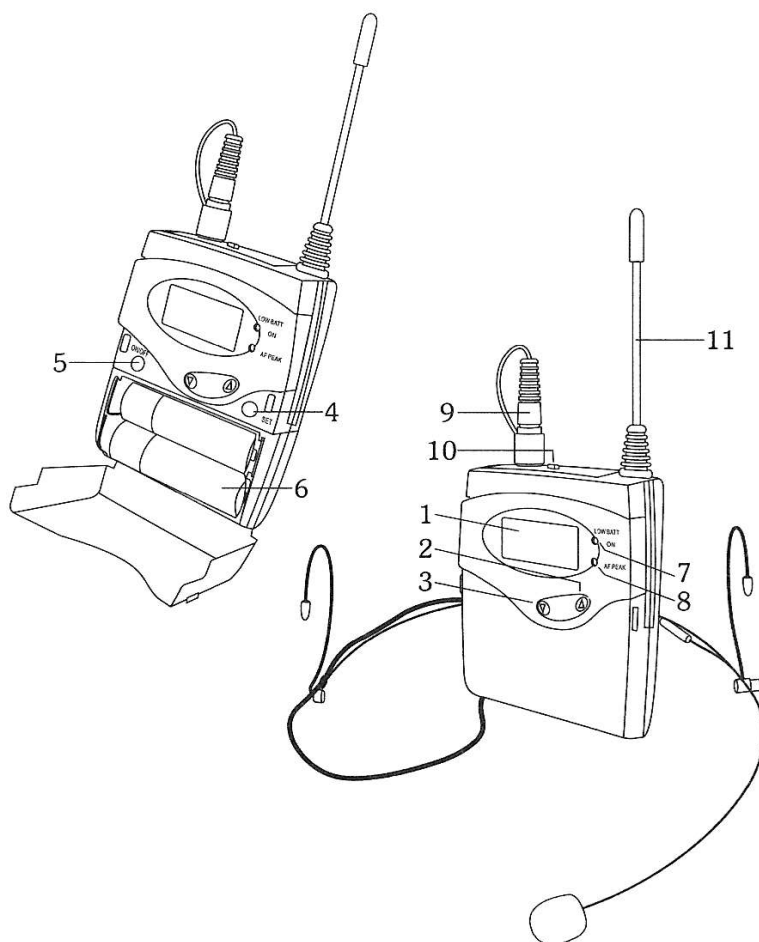
1. 6.35mm headphone output: connect stereo headphone, monitor output signal
2. Headphone volume potentiometer: adjust stereo headphone volume
3. SET selection: choose setting function
4. LED: display operation and content
5. DOWN selection: choose setting function
6. Power switch: turn on/turn off

Double Channel Desktop Transmitter Front View



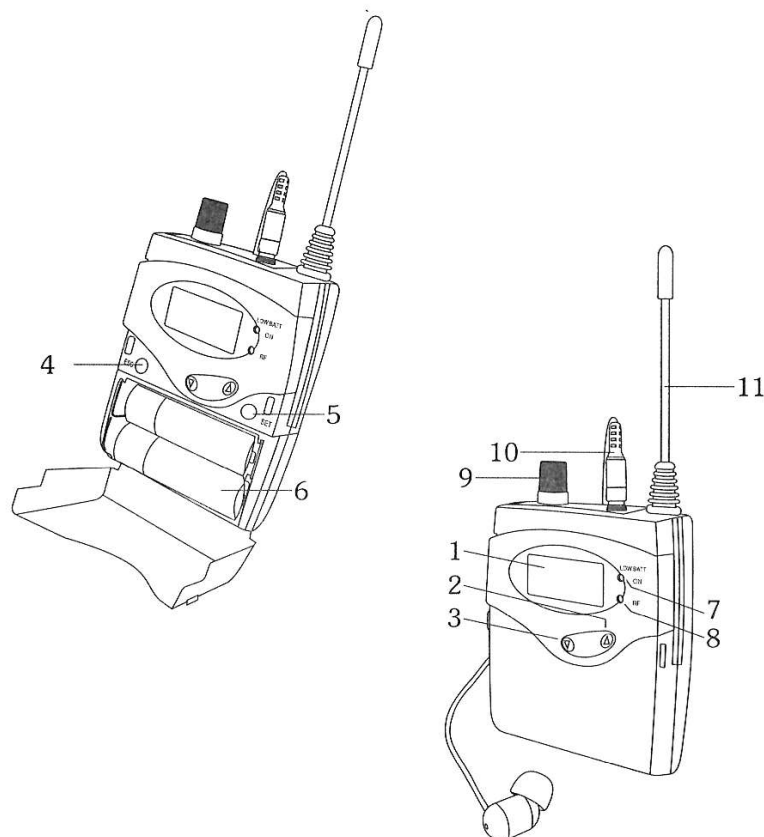
7. DC power socket: connect with 12V DC power input socket, the socket center connect positive voltage
8. The left channel: balanced and unbalanced sharing input
9. The right channel: balanced and unbalanced sharing input
10. Left volume adjustment potentiometer
11. Right volume control potentiometer
12. Antenna

Bodypack Transmitter



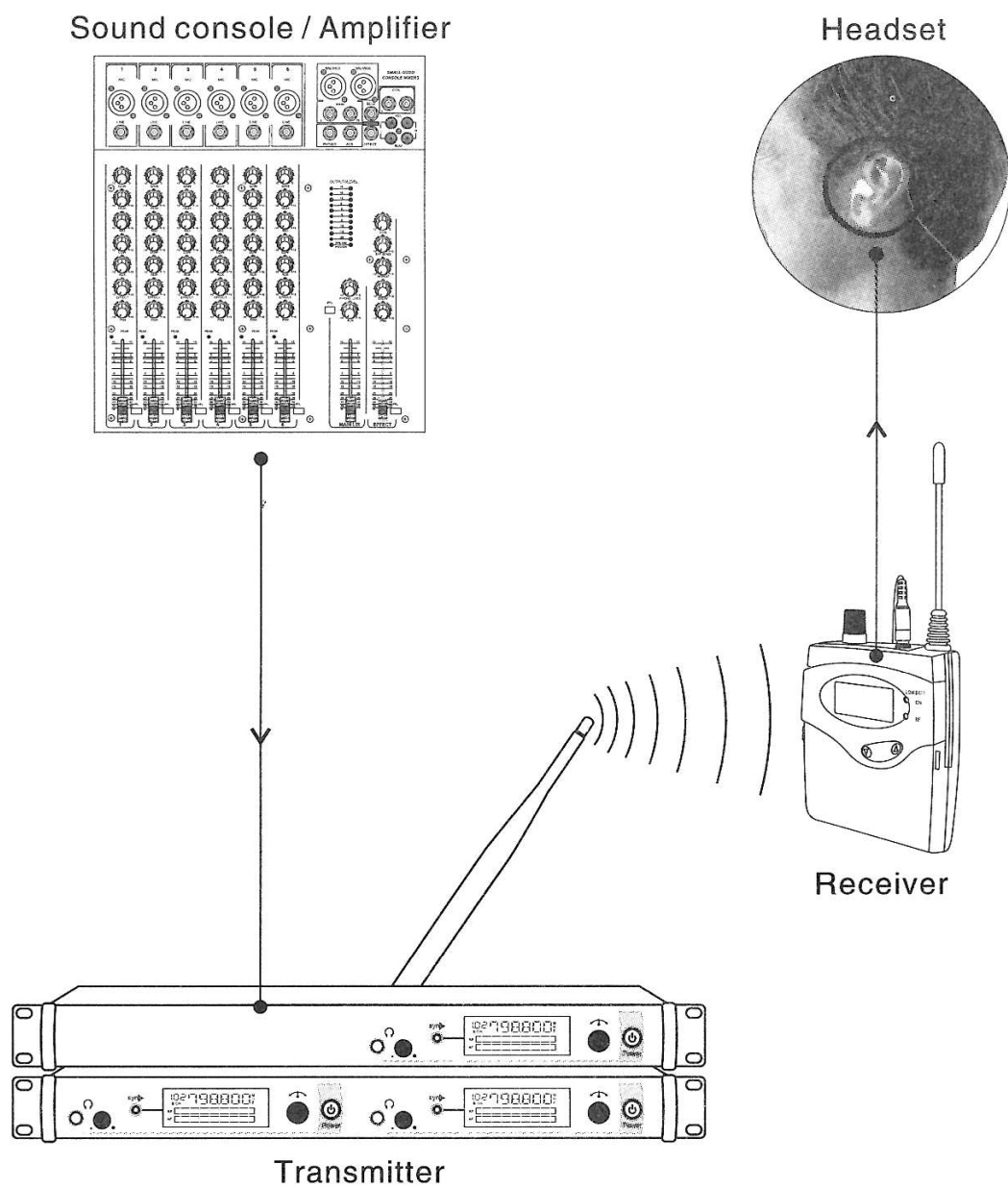
1. LED: Display working content
2. UP selection: choose setting function
3. DOWN selection: choose setting function
4. SET selection: choose setting function
5. Power switch: turn on/turn off
6. Battery warehouse: after inserting two number 5 batteries, cover it
7. low voltage indicator lamp: batteries work out
8. Volume peak indicator light
9. Mic input in
10. Mute switch
11. Antenna

Bodypack Receiver



1. LED: Display working content
2. UP selection: choose setting function
3. DOWN selection: choose setting function
4. SET selection: choose setting function
5. Power switch: turn on/turn off
6. Battery warehouse: after inserting two number 5 batteries, cover it
7. low voltage indicator lamp:batteries work out
8. RF indicator light: indicate receiving signal information
9. Power switch + volume potentiometer: turn on or turn off and adjust volume
10. 3.5mm headphone output: connect headphone
11. Antenna: assemble fixed antenna

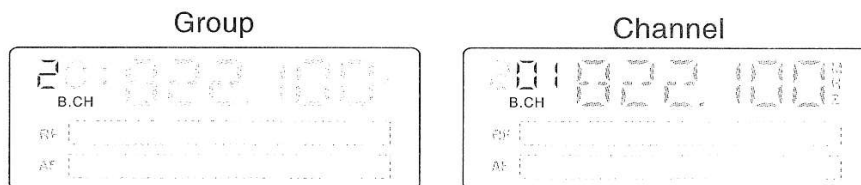
Usage illustration instruction



System settings

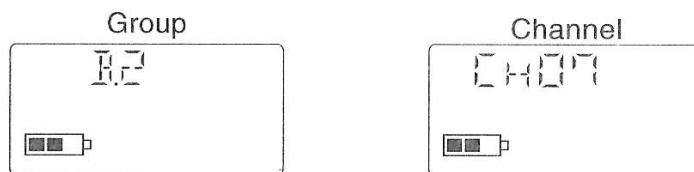
Desktop Ttransmitter Settings

1. Turn on/Turn off: long press POWER button
2. Group selection: ① SET or press  ② Reverse  to the left or right
3. Channel selection: ① 2xSET or press 2x  ② Reverse  to the left or right



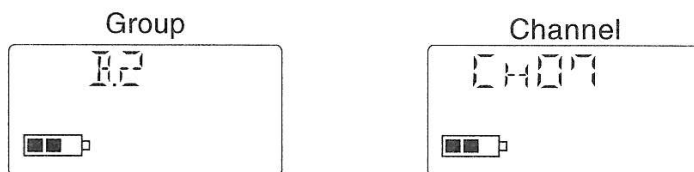
Bodypack Ttransmitter Settings

1. Turn on/Turn off: long press ON/OFF
2. Group selection: ① SET ②  / 
3. Channel selection: ① 2xSET ②  / 



Bodypack Receiver Settings

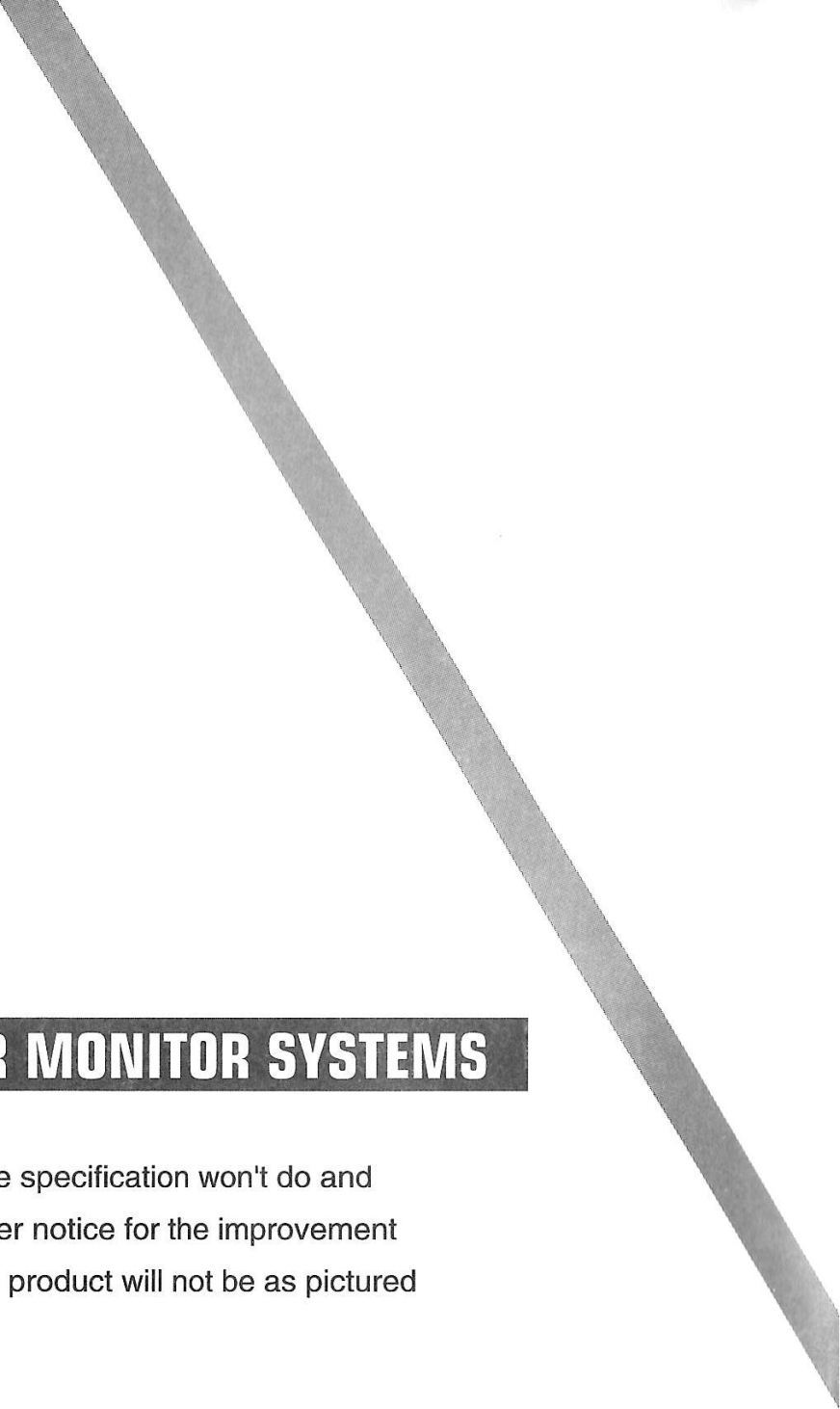
1. Turn on/Turn off: Rotate volume potentiometer  ON  OFF
2. Group selection: ① SET ②  /  ③ ESC
3. Channel selection: ① 2xSET ②  /  ③ ESC



Technical Data

Case specification:	standard 1U	Transmitter
Case material:	metal panel	
Oscillation mode:	PLL synthesized	
Frequency stability:	$\pm 0.005\%$	
Frequency range:	UHF798~830MHz	
Frequency interval:	32MHz	
Preset Channel:	40 channels separately set 4groups	
Operate mode:	manual adjust	
Max Deviation:	$\pm 48\text{KHz}$	
Frequency response:	50Hz~15KHz $\pm 3\text{dB}$	
Transmit output power:	100mW(50 Ω)	
Harmonic radiation:	<4NW	
AF input:	XLR, $\phi 6.35\text{mm}$ jack	
Earphone output:	$\phi 6.35\text{mm}$ stereophonic socket	
Earphone load impedance:	$\geq 16\Omega$	
Current consumption:	DC 12V/250mA	
Antenna socket:	TNC socket (50 Ω)	

Oscillation mode: PLL synthesized	Receiver
Frequency stability: $\pm 0.005\%$	
Frequency range: UHF798~830MHz	
Frequency interval: 32MHz	
Preset Channel: 40channels separately set 4 groups	
Operate mode: manual adjust	
Receiving mode: single tuning	
Sensitivity: deviation 25 KHz, with connecting 7dBuV, S/N>78dB	
Max Deviation: $\pm 48\text{KHz}$	
Comprehensive S/N ratio: >94 db (1KHZ-A)	
Comprehensive T.H.D: <3% @ 1KHz	
Frequency response: 80Hz~15KHz $\pm 3\text{dB}$	
Output power (32 Ω): 2X35mw @ 1KHZ	
Earphone load impedance: $\geq 16\Omega$	
Output socket: $\phi 3.5\text{mm}$ stereo earphone socket	
Volume output adjusts: adjust when using	
Power box: batteries AAX2	
Current drain: 3V/120mA(Under the mediant degrees of the volume control)	
Antenna: fixed 1 / 2 λ	



IN-EAR MONITOR SYSTEMS

The specification won't do and
further notice for the improvement
Actual product will not be as pictured