

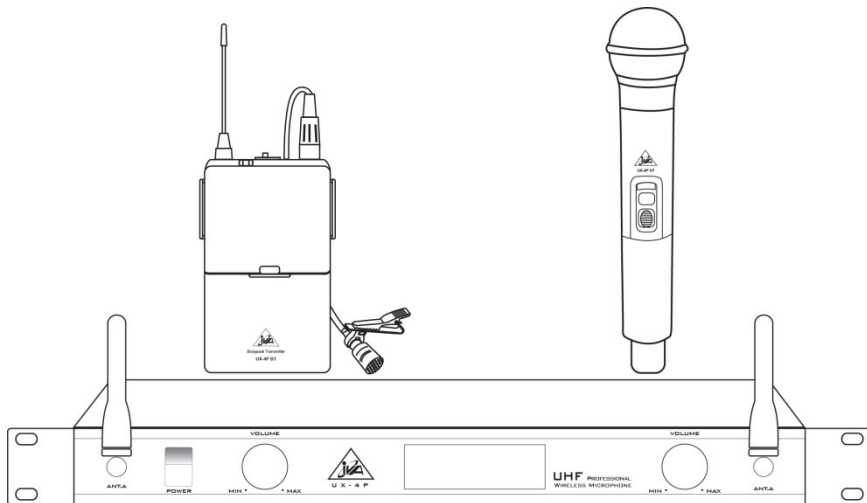


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## IVA UX-4P

# UHF Wireless Microphone

## User Manual

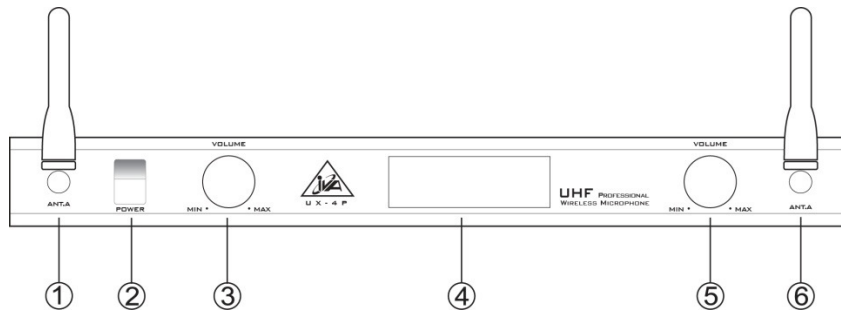


## Features

- Enhanced muting
- High signal/noise ratio
- Supports both balance & unbalance audio output
- Display panel show the frequency of the microphones and the volume level it is receiving
- Near zero noise output on standby
- Broad frequency response range
- Low distortion
- No 'pop' sound when switching receiver on/off, ensure safety of rear stage amplifier system and speaker
- Perfect operative status signals, fluorescence display with digital microphone
- Dual frequency design that allows two microphones to be used at the same time without mutual interference
- Modern audio compounder preserving tone quality

# Receiver

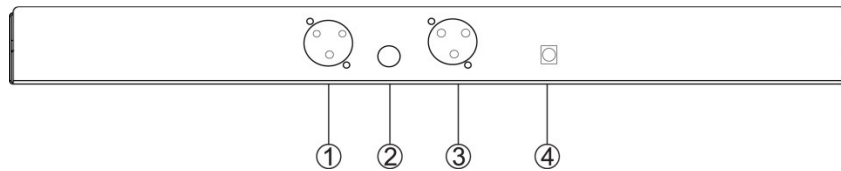
## Front panel



- 1 – Antenna A
- 2 – Power Switch
- 3 – Volume Control A

- 4 – LCD
- 5 – Volume Control B
- 6 – Antenna B

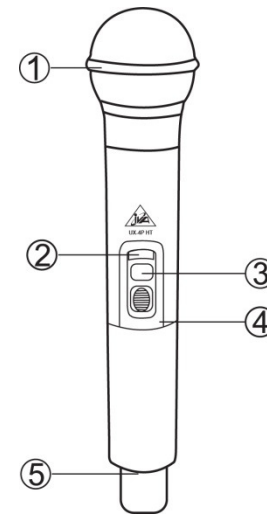
## Rear Panel



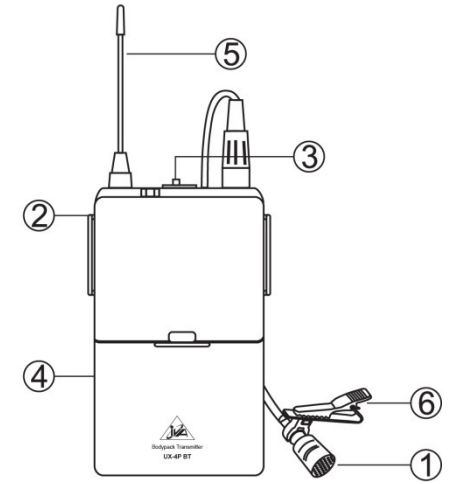
- 1 – Balance Audio Output A
- 2 – Unbalance Audio Output

- 3 – Balance Audio Output B
- 4 – DC Power Jack

# Transmitter



- 1 – Cartridge Module
- 2 – Operating Indicator
- 3 – Power Switch



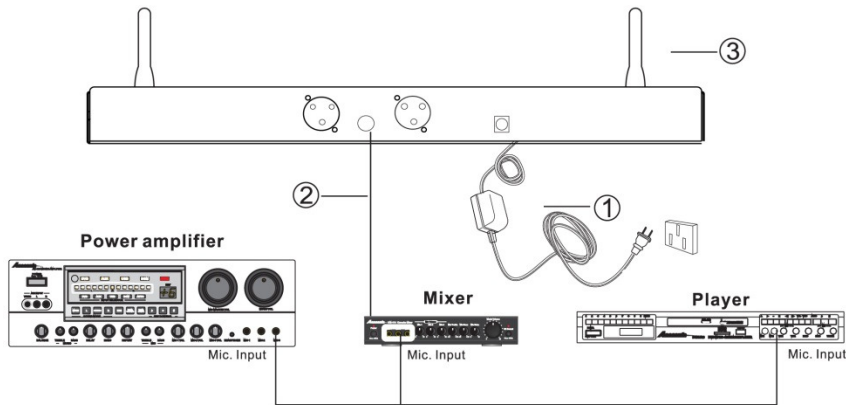
- 4 – Battery Cover
- 5 – Transmission Antenna
- 6 – Clip

Note: When the operating indicator lights up red, it means that the battery is low. When it light up green, it means that the battery is good. When there is no light, it means the microphone is off.

## Operation:

1. Install batteries
2. Turn on microphones by pushing the switch towards the ON position
3. After you are done singing/talking, push the switch to the OFF position
4. If you are not going to use the microphone for long period of time, turn off the microphone and pull out the batteries to avoid deterioration and damage towards the components

# Receiver



1. Connect the DC POWER ADAPTER to the receiver's DC INPUT then plug the other end of DC POWER ADAPTER into the WALL OUTLET
2. Connect one end of 1/4 " to 1/4 " cable to receiver's UNBALANCE AUDIO OUTPUT (MIX) and the other end to a mixer. If you are using the BALANCE AUDIO OUTPUT, use a XLR to XLR cable or XLR to 1/4 " cable
3. Install the antenna into each antenna socket on rear panel, then fasten the antenna towards the right side till the antenna is vertical with ground
4. Push/Open the microphones handle/bodypack cover to check to see if there are batteries. If not, install the batteries into the microphones with the negative and positive end of the battery correspond the negative and positive end of the microphone. Push/Close the microphone handle/bodypack back on

# Parameter

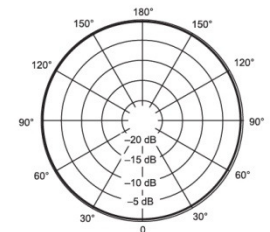
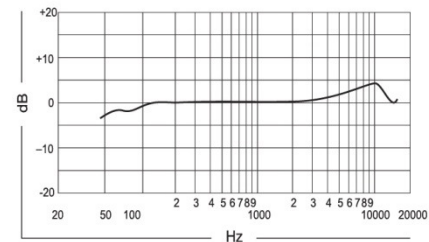
## Receiver

<b>Oscillation Mode</b>	Quartz Controlled Fixed Frequency
<b>Carrier Wave Stability</b>	10 PPM
<b>Sensitivity</b>	-105dB @ sinad=12 dB
<b>S/N Ratio</b>	>105dB
<b>T.H.D</b>	<0.5% @1 kHz
<b>Image Rejection</b>	85 dB typical
<b>Spurious Rejection</b>	75 dB typical
<b>Frequency Responses</b>	40Hz – 18kHz
<b>Working Distance</b>	30 meters at empty space
<b>Squelch Control</b>	Dual Squelch Circuit
<b>AF Output Impedance</b>	2.2 kohm
<b>Max Output Level</b>	Balance: 0-400mv, Unbalance: 0-200mv
<b>Display</b>	LED
<b>Power Supply</b>	External DC Power Supply, 0.35A, 12-18V DC
<b>Output Connector</b>	2 x XLR Balanced Socket, Unbalanced TRS
<b>Dimension (mm)</b>	420 (W) x 45 (H) x 195 (D)
<b>Weight (KG)</b>	2.1

## Transmitter

<b>Transmitter Power</b>	30mW
<b>Spurious Emission</b>	<40dB (with carrier)
<b>Display</b>	LED
<b>Battery Voltage</b>	1.5V x 2
<b>Battery Life</b>	5 hours depends on usage

## Frequency Response



# Troubleshooting

Problem	Possible Cause	Solution
<b>Receiver</b> No sound No light	-Power button is at OFF position -DC power supply adapter is not plug in -Poor connection of DC power adapter	- Turn on power button - Plug in the DC power adapter -Check to see if the DC power adapter is loose. Check on receiver end and wall outlet end
<b>Transmitter</b> No sound No light	-Transmitter is out of range -Microphone switch is off -Microphone volume is turn down -Batteries in the microphone are not properly installed -Receiver is not connected to an mixer	-Operate the machine in the effective range -Turn on the microphone switch -Turn on the microphone volume -Reinstall the batteries. Make sure the positive and negative end are install correctly Connect to ¼ " to ¼ " cable from the receiver to a microphone input
Distorted sound; feedback	-2 microphones are too close together -Batteries running low in microphone -Microphone volume is too high -Distortion from other electric wave	-Separate the microphone further away -Replace the batteries -Reduce the volume of the microphone -Move the receiver away from electric equipment



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