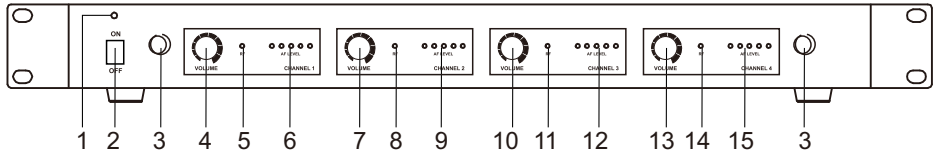


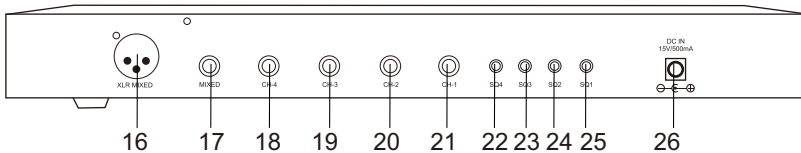
# UHF-04 WIRELESS RECEIVER

## Parts Description

Front



Rear



- |                              |                                  |
|------------------------------|----------------------------------|
| 1. Power Indicator           | 14. Channel 4 RF indicator       |
| 2. Power Switch              | 15. Channel 4 AF indicator       |
| 3. Antenna socket            | 16. Mixed balanced XLR output    |
| 4. Channel 1 Volume Control  | 17. Mixed unbalanced 1/4" output |
| 5. Channel 1 RF indicator    | 18. Channel 4 individual output  |
| 6. Channel 1 AF indicator    | 19. Channel 3 individual output  |
| 7. Channel 2 Volume Control  | 20. Channel 2 individual output  |
| 8. Channel 2 RF indicator    | 21. Channel 1 individual output  |
| 9. Channel 2 AF indicator    | 22. Channel 4 squelch control    |
| 10. Channel 3 Volume Control | 23. Channel 3 squelch control    |
| 11. Channel 3 RF indicator   | 24. Channel 2 squelch control    |
| 12. Channel 3 AF indicator   | 25. Channel 1 squelch control    |
| 13. Channel 4 Volume Control | 26. DC input                     |

## Operation

1. Connect one end of supplied 6.35mm to 6.35mm plug audio cable into AF OUT jack on rear panel of the receiver. Connect the other end of the audio cable into "MIC IN" or "AUX IN" of amplifier or mixer.
2. Connect DC plug of supplied AC/DC adapter to DC INPUT jack on rear panel of the receiver. Connect AC plug of AC/DC adapter to mains power socket.
3. Turn on the wireless receiver by switching power switch to ON position and the POWER light will illuminate to show the receiver unit is working.
4. Fully extend the aerials to the maximum height.
5. Switch ON the transmitter. The receiver RF indicator will light. When you talk, AF LEVEL indicators will blink to show the sound level.
6. Adjust the volume and tone levels of your amplifier system as well as the receiver as required.

## **UHF-04 WIRELESS RECEIVER**

### **Squelch**

The squelch control on the rear of the receiver is preset well at the factory, if you must use the system in an area with considerable RF interference and there is some noises from the receiver when your transmitter is off, you can adjust the squelch control, so the system will receive the signal from your transmitter only but squelch or eliminate the unwanted background RF noise.

This adjustment can cause reduction in useable range of the wireless transmitter, so set the control to the lowest position that reliably mutes the unwanted RF signals.

### **Specifications**

Frequency Range: 517.6MHz +521.5MHz +533.7MHz + 537.2MHz

Frequency Response: 60Hz~18KHz

Sensitivity: 6dBuV at S/N>70dB

Image Rejection: >60dB

Stability: +/-0.005%

Max Deviation: +/-56KHz with level limiting

Dynamic Range: >110dB

S/N Ratio: >100dB

T.H.D: <0.5%

Squelch: "Pilotone & Noise lock" dual squelch circuit

Audio output: -12db/600ohms unbalanced and balanced

Power supply: 12VDC/500mA

Dimensions: 420x208x45mm

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 a 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 of the following measures:

- 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 connected.
- Consult the dealer or an experienced radio/TV technician for help.

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.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.