

## Character:

- VHF High band frequency by quartz locked controlled. Range from $160-245 \mathrm{MHz}$
- Compact, lightweight,single channel receiver.
- LED Indicator (Power,RF,AF) and telescopic antenna.
- Compression / Expanded circuit for extended dynamic range.
- Special circuit design to delete microphone switch ON/OFF noise.


## Specifications:

| Receiving method | Non-diversity receiver |
| :--- | :--- |
| Carrier frequency range | VHF Hi-Band $160-245 \mathrm{MHz}$ |
| Frequency stability | $0.005 \% / 25^{\circ} \mathrm{C}$ |
| Modulation mode | $\mathrm{FM}(\mathrm{F} 3 \mathrm{E})$ |
| Max. deviation | $\pm 40 \mathrm{KHz}$, ,with limiting compress |
| T.H.D. | $<1 \%$ |
| Dynamic | $>100 \mathrm{~dB}$ |
| S/N Ratio | $>90 \mathrm{~dB}$ |
| Frequency response | $50 \mathrm{~Hz}-15 \mathrm{KHz} \pm 3 \mathrm{~dB}$ |
| Receiving mode | Quartz control fixed frequency |
| Audio output level | Unbalance $, 300 \mathrm{mV}, 10 \mathrm{~K} \quad$ load <br> At deviation $= \pm 40 \mathrm{KHz}$ |
| Output connector | Unbalance $6.3 \varnothing \mathrm{~mm}$ phone jack |
| Power supply | DC $12 \mathrm{~V} \sim 18 \mathrm{~V} 200 \mathrm{~mA}$ <br> With $\mathrm{AC} / \mathrm{DC} \mathrm{adaptor} 115 / 230 \mathrm{~V} 50 / 60 \mathrm{~Hz}$ |
| Dimensions | $152 \times 98 \times 36 \mathrm{~mm}$ |
| Weight | 226 g |



1. Power ON Indicator
2. Microphone ON Indicator
3. Audio AF Indicator
4. Power Switch / Volume Control
5. Telescopic Antenna
6. Audio Output Connector
7. Power Input Connect


Receivers signals from the transmitter. Make sure the antenna is fully extended vertically.

FIG. 1

## 2.Audio Output Connector

You can connect an unbalanced audio cable with a $1 / 4$ inch phone plug between this connector and your mixer or amplifier input.

## 3. Power Supply Connection

 Use DC power supply could switch with adaptor supply or batter of 12-18V DC.Connection DC supply, DC plug conn-ection with "DC-IN" socket. (See FIG.3) another plug terminal connection with battery or power supply.
4. Power switch \& volume control: Adjust the volume control to"OFF" state, the unit will be powered off adjust the volume control to "ON" direction, the power will be switched on and the volume can also be contrtolled.


FIG. 4
a. Power ON Indicator:

This red light glows when the DC supply and power Switch ON. It indicates that the receiver is on.
b. Reception Indicator:

This indicator does light during standby. When microphone signal is received, The green indicator light to indicate the reception of microphone.
c. Audio AF Indicator: This LEDindicator will light up when AF signal is received


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