

ZHC358 FM RADIO DEMODULATOR



Overview

ZHC358 FM demodulator is an innovational professional FM radio receiver. It has high sensitivity for receive. It has standard communication interface for telemetry. It can be used for radio broadcast transposer, FM radio monitoring and any other occasions where high-quality FM receiver is required.

Features

- Built-in RF amplifier circuit improves the receiving sensitivity.
- It can receive well in serious RF noise
- Output audio quality can be used for professional broadcast
- Output volume can be adjusted electronically or can be mute
- All parameters can be displayed on LCD
- RS232 telemetry interface

Specifications

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|---|-------------------|
| 1.Receiving frequency range | 87MHz~108MHz |
| 2.Receiving sensitivity | <1uV (0dBuV) |
| 3.Receiving SNR | >3dB |
| 4.Automatic S/N function | >10dB(RF SNR) |
| 5.De-emphasis | 50uS |
| 6.Analog audio output impedance (balanced XLR) | 600 Ω |
| 7.Volume Gain | -20dB~+6dB |
| 8.Stereo Separation | ≥45 dB(type.50dB) |
| 9.Audio SNR | ≥65dB |
| 10.Audio frequency response | ≤0.3dB |
| 11.Distortion(stereo) | ≤0.2% |
| 12.Field strength, SNR and volume level detection function. | |