

PM-320 | WIRELESS IN-EAR MONITOR SYSTEM



PM-320 is a wireless monitoring system for stage performances and audio broadcasting, and a wireless listening system for large simultaneous interpretation conferences. High-fidelity sound, advanced electronic processing technology instead of the traditional complicated and heavy monitoring equipment, eliminate the howling from the monitoring equipment, and make the performance reliable and perfect.



PM-320R
Stereo Mini Receiver

- The housing of PM-320R receiver is made of light-weight and tough alloy materials.
- Exquisite and simple OLED multifunctional display.
- The receiver uses the UHF frequency band, and the CPU controls diversity reception to reduce dead spots and ensure stable reception.
- With headphone monitoring output.
- With long transmission distance, it is suitable for various occasions.

Receiving method:	Antenna diversity reception
Channel:	single channel
Frequency stability:	± 0.005% (0 ~ 50 °C)
Carrier frequency range:	554MHz ~ 936 MHz
Modulation mode:	FM (wideband stereo)
Working range:	100 meters (in open space)
Oscillation:	PLL phase locked frequency synthesis
Sensitivity:	6dBuV, S / N > 60dB at 25KHz deviation
Bandwidth:	32MHz (1280 frequencies, 25 KHz step in tune)
Max. Deviation Range:	± 48KHz
Comprehensive S / N :	> 100dB
Comprehensive T.H.D.:	<0.9%@1KHz
Comprehensive Frequency Response:	50Hz-15KHz ± 3dB
Stereo Separation:	≥45dB, at 1KHz
Output connector:	φ3.5mm stereo headphone connector
Output power:	2x150mW at 1KHz (T.H.D.: 3%)
Battery:	AAx2
Current consumption:	185mA (typical)
Battery life:	about 7 hours
Dimension (mm):	90 (H) x 65(W) x 23(D)
Weight:	approximately 190g



PM-320T
Stereo Transmitter

- Metal 1/2 EIA standard 1U case.
- The bandwidth is 32MHz and there are 1280 adjustable frequencies. 1-10 Channel groups, more than 180 fixed frequencies for choose. Channel groups U1-U5 can set and save frequencies freely.
- Stereo and mono selection
- Treble boost function, limit control function
- The stable PLL phase-locked oscillation circuit, combined with the "noise lock" squelch can effectively block stray RF.

Main Frame Size:	1/2 EIA standard 1U
Channel:	single channel
Frequency stability:	± 0.005% (-10 ~ 50°C)
Carrier frequency range:	554MHz ~ 936 MHz
Modulation mode:	FM (wideband stereo)
Output power:	30mW-50mW
Oscillation:	PLL phase locked frequency synthesis
Bandwidth:	32MHz
Harmonic radiation:	60dB below the main wave
Max. Deviation Range:	± 50KHz
Comprehensive S / N :	>100dB
Comprehensive T.H.D.:	<0.9%@1KHz
Comprehensive Frequency Response:	50Hz-15KHz ± 3dB
Audio Input:	Line level x 2, XLR and φ6.3mm compound jack
Audio Output:	φ6.3mm balanced jack x2
Dimension(mm):	206 (W) x43(H) x206(D)
Weight:	1.0kg