



Radio Monitoring System RMP-V1.0

شرکت مهندسی فتون داده پروری بسامد



RF Performance

Frequency Range	87~108 MHz	Other Bands are optional (64~108 MHz)
RF Sensitivity	30 dBuV	SNR = 20dB, AGC Disable
RF Input Resistance	4 KΩ	
RF Input Capacitance	5 pF	
RF IP3	105 dBuV EMF	
AM Suppression	50 dB	m=0.3
Adjacent Channel Selectivity	50 dB	± 200 KHZ
Alternate Channel Selectivity	70 dB	± 400 KHZ



Audio Performance

THD	0.1 %	
Mono SNR	63 dB	
Frequency Response	30 HZ ~ 15 KHZ	-3dB
Output L/R Imbalance	< 1 dB	
Stereo Separation	42 dB	
De-emphasis Time	50 us, 75 us	User selectable
Audio Connector	2 * XLR Male	50Ω, Electronic Balanced
Audio Maximum Level	+18 dBm	Maximum Volume selected (VOL=20)



Volume & Tone Control

Volume	0 ~ 20	Step = 1
Bass	± 14 dB	Step = 2 dB
Treble	± 14 dB	Step = 2 dB

Display Functions

LCD	2*20, Blue	
Run Indicator	Green LED	Blinks when system is running
Stereo Pilot Indicator	Red LED	ON when stereo pilot detected
RDS Pilot Indicator	Yellow LED	ON when RDS pilot detected (Optional)
Audio Level Bar Graph	2*30 LED	Display the level of audio outputs (L/R) in dBm unit
RSSI Bar Graph	1*30 LED	Display the level of RSSI in dBuV unit

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