

SPECIFICATIONS

General	
Frequency Range	135~175MHz
Number of channels	200
Channel Stepping	12.5KHz
Antenna Impedance	50Ω
Power supply	10.8 to 15.6V DC
Grounding Method	Negative ground
Frequency Control	Synthesized
Frequency Stability	5ppm
Temperature Range	-10 to +60 deg °C
Dimensions (W x H x D projections not included)	160 x 43 x 137 mm
Weight	Approx. 1.2kg / 2.6lb
TRANSMITTER	
Carrier Power	50W
Current Consumption	< 10A
Conducted spurious emissions	< -56dBW
Modulation	Phase
Modulation Distortion	< 5%
Audio Response	300~3000Hz (+1 ~-3dB) pre-emphasized 6dB / Oct
FM Noise / Angle Modulation Hum & Noise	-34dB
Maximum Frequency Deviation	±2.5kHz
RECEIVER	
Sensitivity	0.25uV (12dB SINAD EIA) typical
Audio Response	300~3000Hz (+1 ~-3dB) de-emphasized 6dB/Oct
Audio Output (8 Ω, 10% distortion)	2.0W
Hum and Noise	-38dB
Squelch / Mute	Adjustable via control head
Adjacent Channel Selectivity	> -65dB
Intermodulation	> -65dB
Spurious Rejection	> -70dB
Current Consumption	< 120mA muted with control head
	< 80mA with no control head
	< 800mA at 2W audio power output