

maxon^{CIC} EUROPE



maxon

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Specification

GENERAL

Channels.....	40 Ch AM/FM 4W
Frequency Range.....	26.565 to 27.99125 MHz
Frequency Control.....	PLL
Operating Temperature Range.....	-10° / +55°C
DC Input Voltage.....	13.2 V DC ±15%
Size.....	180(L) X 35(H) X 140(D) mm
Weight.....	750 g

RECEIVER

Receiving System.....	Dual Conversion Super Heterodyne
Intermediate Frequency.....	1 st IF: 10.695 MHz, 2 nd IF: 455 MHz
Sensitivity.....	0.5 μV for 20 db SINAD in FM mode
Audio Distortion.....	Less Than 8% @ 1 KHz
Image Rejection.....	65 dB
Adjacent Channel Rejection.....	65 dB
Signal/ Noise Ratio.....	45 dB
Current Drain at standby.....	150 mA
Current Drain at maximum audio.....	820 mA

TRANSMITTER

Output Power.....	4W @ 13.2 V DC
Modulation.....	FM: 1.8 KHz ±0.2 KHz
Frequency response.....	From 400 Hz to 2.5 KHz
Output impedance.....	RF 50 ohm Unbalance
Signal/ Noise Ratio.....	40 dB MIN
Current Drain.....	1100 mA

