

Specifications HX280E

General	
Frequency Range (MHz)	156.025 MHz - 162.000 MHz (Marine Band)
Channel Steps	25 KHz
Frequency Stability	± 5ppm (-20°C ~ +60°C)
Emission Type	16K0G3E
Aerial Impedance	50 ohms
Supply Voltage	7.4VDC
Current Consumption	320mA RECEIVE
	50mA STANDBY
	1.6A TX HI POWER 0.7A TX LO POWER
Operating Temperature	-20°C ~ +60°C
Waterproofing Rating	30 Minutes @ 1 Metre depth (IPX7)
Case Size (W x D x H)	56 x 133 x 27.5 mm
Weight Approx	310 gm with FNB-V105Li
Transmitter	
RF Output Power	1W / 5W @ 7.4V
Modulation type	Variable Reactance
Maximum Deviation	± 5KHz
Spurious Emissions	less than 0.25µW
Microphone impedance	2 K-ohms
Receiver	
Circuit Type	Double Conversion Superheterodyne
Intermediate Frequencies (IF)	1st 10.7 MHz; 2nd 450 KHz
Sensitivity	1µV for 20dB SINAD
Adjacent Channel Selectivity	70dB
Intermodulation Response	68dB
Selectivity	12KHz/ 25KHz (-6dB / -60dB)
AF Output	700mW @16 Ohms for 10% THD (@7.4V)

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