

MODEL: SY-130

VHF FM MOBILE

TRANSCEIVER

LCD DIGITAL PLL SYNTHESIZER SYSTEM

BUILT-IN VFO FUNCTION

TONE CALL WITH REPEAT SYSTEM

50W RF OUTPUT POWER
CTCSS (50 CODES)



SPECIFICATION

■ FREQUENCY COVERAGE

	(TX)	(RX)
. SY-130T	144.000 - 148.000 MHz	136.000 - 174.000 MHz (U.S. Amateur Version)
. SY-130E	144.000 - 146.000 MHz	144.000 - 146.000 MHz (European Amateur Version)
. SY-130EZ	144.000 - 146.000 MHz	136.000 - 174.000 MHz (World Amateur Version)
. SY-130F	136.000 - 174.000 MHz	136.000 - 174.000 MHz

■ GENERAL

- . Frequency Resolution 5, 10, 12.5, 15, 20, & 25KHz Steps
- . Antenna Impedance 50 Ohms Unbalanced
- . Power Supply Requirements 13.8Volts DC
- . Current Drain at 13.8V Receiving Squelched less than 800mA
Transmitting VHF High/ 10A(approx.), Low/3A(approx.)
- . Dimension 140 x 40 x 154mm (W x H x D)
- . Weight Approx. 1.4Kgs

■ TRANSMITTER

- . Output Power High/50W, Low/10W(approx.)
- . Emission Mode F3E (FM)
- . Modulation System Variable Reactance Frequency Modulation
- . Max. Frequency Deviation ± 5 KHz
- . Microphone Electret Condenser Microphone
- . Operation Mode Simplex/ Semi-Duplex
- . Offset Offset from 0 to 15.995 MHz

■ RECEIVER

- . Receiving System Superhetrodyne Dual Conversion
- . Intermediate Frequency 1st 21.4MHz & 2nd 455KHz
- . Sensitivity 12dB SINAD - 16dBu (136.000 - 174.000MHz)
- . Sensitivity More than ± 6 KHz at -6dB
Less than ± 15 KHz at -60dB
- . Audio Power Output More than 2.5W at 10% Dist
- . Speaker Impedance 8ohms

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