

# SS-158EDX SPECIFICATIONS

## GENERAL

Model	SS-158EDX
Channels	480FM, 480AM, 480LSB, 480USB,
Frequency Range	24.265 ~ 29.655 MHz
Frequency Control	Phase-Lock-loop (PLL) Synthesizer
Frequency Stability	0.001%
Temperature Range	-30°C to +50°C
Antenna Impedance	50 Ohms
Antenna Connectors	Standard SO-239 type
Input Voltage	13.8V DC
Size	7 7/8" (W) x 10 3/4" (D) x 2 3/8" (H)
Weight	5.0 lbs.

## TRANSMITTER

RF Power Output	AM/FM/CW: 10watts; SSB: 25watts PEP
Carrier Emission	-50 dB
Spurious Emission	-50 dB
Audio Distortion	10%
Frequency Response	300 to 2500 Hz
Microphone	Dynamic

## RECEIVER

Sensitivity for 10 dB (S+N)/N	CW/AM : < 1.0 $\mu$ V ; SSB : < 0.25 $\mu$ V
Sensitivity for 20 dB (S+N)/N	FM : < 0.5 $\mu$ V
Squelch Sensitivity	< 0.5 $\mu$ V
Image Rejection	More than 65 dB
AGC Figure of Merit	100 mV for 10dB Change in Audio Output
Audio Power Output	2.5W @ 10% Distortion
Audio Response	300 to 2500 Hz