

SST-1000C, 1KW FM TRANSMITTER SYSTEM WITH LINE PROTECTOR



- ← Line Surge Protector (optional)
- ← 30 watt exciter
- ← 1KW Broadband Amplifier

“The Transmitter People”



ENERGY-ONIX

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SST-1000C, 1KW FM Transmitter System

- **USA Manufacture, USA quality, and USA customer support.**
- **5 year warrantee if AC and lightning protection options are included in system.**
- **Includes frequency agile, 30 watt solid state exciter, broadband SSA-1000C, 1KW amplifier, AC line surge protector and polyphasor lightning protector.**
- **Exciter includes built-in stereo generator.**
- **All chassis are 19" rack mountable and, when including exciter, amplifier and AC line protector, occupies 19-1/4" to 21" of rack space.**
- **Exciter includes limiter.**
- **AC line surge protector has additional AC outlets that can provide line surge protection for processor and STL receiver.**

TECHNICAL SPECIFICATIONS

Rated output power: 2 – 1100 watts

RF Output Connector: "N" Type female

RF Output Impedance: 50 Ohm

Frequency Range: 87.5 MHz to 108 MHz

Frequency Programmability: Front Panel Switch in 10KHz increments

Frequency Stability: Better than 5 ppm (+/- 500 Hz)

Modulation Type: Direct carrier frequency modulation

Emission Class: F3E

Spurious & Harmonic Suppression: <-80 dB or better

Stereo Separation: 50 dB @ 1KHz

Distortion: <0.1% (typ. 0.08%)

Asynchronous AM S/N Ratio: 60 dB or better below reference carrier with 100% modulation at 400 Hz, without de-emphasis, FM
+/- 75Khz at 400 Hz.

AC Power Requirement: 117 or 230V +/-10%, 50-60 Hz, single phase

Power Consumption: 1700w @ 1KW output

Panel Size: 483mm (19") W x 534 mm (19-1/4" to 21")H

Overall Depth: 508 mm (20")

Weight: 50KG (110#)

Ambient Temperature Range: 0° to 50° c (32° to 122° F)

Pre-emphasis: for FCC 75 usec: for CCIR 50 usec front panel selectable

