

SUPER STAR 2400

MOBILE TRANSCIVER



3600 Channels 5-Mode
AM/FM/USB/LSB/CW



The Super Star 2400 is a combination transmitter-receiver designed primarily for mobile use. It employs the very latest technology to provide 240 channels of operation by means of digital frequency synthesis with PLL (phase-locked-loop) circuitry. The use of PLL assures a precise on-frequency operation on every channel in both transmit and receive mode. The Super Star 2400 also includes many other features which will provide greater operating convenience and assure optimum communications under a wide range of conditions.

SPECIFICATIONS

GENERAL

Frequency composition, PLL synthesizer

Frequency range	A - 26.065 to 26.505 MHz B - 26.515 to 26.955 MHz C - 26.965 to 27.405 MHz D - 27.415 to 27.855 MHz E - 27.865 to 28.305 MHz F - 28.315 to 28.755 MHz
Channels.	Total 3600:240 x 5 MODE 240 (+5 kHz) x 5 MODE 240 (-5 kHz) x 5 MODE
Frequency space	10 to 20 kHz
Emission	AM/FM/USB/LSB/CW
Power Source	13.8 VDC \pm 10%

Receiver

Sensitivity	AM - 1 micro-V @ 10dB S/N FM - 1 micro-V @ 20dB S/N SSB/CW - 0.5 micro-V @ 10dB S/N
Selectivity	60dB
Audio Output	2 W @ 8 Ohms.
Fine Tune range	\pm 800 Hz
Coarse Tune range	\pm 5 kHz
intermediate	AM/FM: 10.695 MHz / 455 kHz
Frequency	SSB/CW: 10.695 MHz

Transmitter

RF power output	High	Low
SSB/CW	12W	2W
AM	10W	1W
FM	10W	2W
SSB generation	Double-balance modular with crystal lattice filter	
Coarse Tue range	\pm 5 kHz	

- Operable on 240 channels divided into six groups of 40 channels.
- 2-way RF gain switch.
- Full noise reduction features - ANL and noise blanker.
- 5 modes of operation - CW, LSB, USB, AM or FM selectable with a rotary switch.
- Provision of PA.
- Concentrically mounted fine and coarse controls to fine tune to any transmissions or operate in inter-channel frequencies.
- Tone switch to select receive tonal quality in 2-way.
- RF power output switchable in 2-way for required communication range.
- TX lamp that indicates you are on-the-air.
- External speaker jack for an extra sound source.
- Electrically floating chassis for negative or positive ground operation without switching.
- A high-sensitivity dynamic microphone equipped.
- Hand Microphone: Super Star
- Desk Top Microphone: CB-1 (Options)
- Marine Fibre Antenna: CB-6 (Options)
- Power Supply: SPL-212 (Options)

Super Star Copratation
Original designed : JAPAN