

STANDARD AX700E

SCANNING RECEIVER
WITH PANORAMIC
LCD DISPLAY

The Communications Receiver
you can watch.



- Large LCD panoramic spectral display
- 50 - 904.995 MHz continuous coverage
- Automatic scanning of AM/FM/NBFM
- 100 channels of memory plus 10 band memory
- Scans in 10/12.5/20/25 KHz steps
- 12 VDC or 120/220/240 AC with adaptor
- Excellent sensitivity
- 100 KHz, 250 KHz, 1 MHz spectrum display
- Simple channel selection
- Lithium battery back-up for the memory

GENERAL

The AX700 has been designed as a professional quality scanning receiver covering most of the well used spectrum in the world. This makes it ideal for monitoring such services as: police, fire brigades, marine communications, land mobile communications, ambulances, amateur radio, aircrafts, TV audio, etc.

The rear of the set has a S0239 antenna socket to facilitate the use of the telescopic whip antenna which it is supplied with or any other receiving antenna the user wishes to use.

SPECTRAL DISPLAY

The large LCD panoramic display is designed for two functions. The first is to provide a good spectral display with bandwidths up to 1 MHz. This makes the unit ideal for seeing channel activity over various bandwidths.

The second utilizes the top section of the screen to give full information on the channel being monitored and the settings of the scanner. The display is backlit with an easy to see yellow light, the brilliance is controlled by a dimmer button for comfortable monitoring.

MANUAL CHANNEL SELECTION

Manual channel selection of stored memory channels or any channels within the receivers coverage is easily accomplished by using either a rotary channel change knob, up/down buttons or by simple key pad entry.

MEMORY CHANNELS

The scanner can memorise up to 100 channels and 10 bands. The memory channels can easily be selected or scanned by simple key strokes.

TECHNICAL SPECIFICATIONS

Frequency range	: 50 - 904.995MHz
Antenna impedance	: 50 ohms
Power requirements	: 12-13.8 VDC at 1 amp 110/220/240 AC with adaptor
Weight	: 2.1 Kgm
Dimensions	: 180 (W) × 75 (H) × 180 (D) mm
Demodulation formats	: AM, FM, NBFM
Operating temperature	: -10 to +60 deg C
Scanning steps	: 10/12.5/20/25 KHz 1 KHz and 5 KHz with up/down keys
Sensitivity	: AM (10dB S/N) better than 3µV NBFM (12dB SINAD) better than 1.5µV FM (12dB SINAD) better than 1µV
Memory channels	: 100 user programmable channels plus 10 band memories
Audio output	: 2 Watts
External outputs	: Audio; 2 Watt into 8 ohms Tape; 30mV 100K PSU; 8 VDC 40mA

In the interest of improvement, these specifications are subject to change without notice.



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