

SOUNDCOMMANDER[®] 3500

Giant Voice -- Multi-Speaker System

Due to a growing requirement for powerful deployable systems that will be set up in semi-fixed locations for early warning and "Giant Voice" mass notification type applications, IMLCORP now produces the SOUNDCOMMANDER[®] 3500. It projects high power, long range crystal clear, undistorted voice audio over an area encompassing a full 360° of coverage, to ranges exceeding those of the SC1000 series. The system is designed for operation from a command desk in a temporary or permanent compound or area.

The system normally operates from an external 110 or 220 VAC or 12 VDC power source. In case of external power failure, the internal battery backup system will operate the system continuously for approximately four additional hours. While resting, with no messages, warnings or voice audio, it draws less than an amp.

The SOUNDCOMMANDER[®] 3500 system consists of:

- Main Amplifier/Power Station, located within a weather-protected Ruggedized cabinet containing a 184 watt RMS power amplifier, 110-220VAC to 13.8VDC 25Amp Hr. power supply/charger, 12VDC, 12Amp Hr. battery pack, battery backup module, military style screw on connectors for output cables and system main power switch.
- Internal Preamplifier/Control module, with controls, inputs and outputs
- Powerful built-in three-tone siren with wail yelp and horn.
- Adjustable mounting bracket.
- Push-to-talk microphone.
- Five 60 watt reentrant horn loudspeakers mounted on a circular speaker bracket.
- Under bracket sealed speaker junction box with waterproof military connectors.
- Heavy duty 60' master speaker cable from the main amplifier to the speaker junction box. (longer 100' cable is available).
- The optional wireless remote transmitter/receiver set includes a rooftop whip antenna with mounting bracket and 40' antenna cable.
- Heavy duty adjustable tripod equipment stand with articulating leg for uneven terrain, on top of which, is mounted the multi-speaker bracket.
- Padded soft Cordura nylon stand case.
- Hard system storage/transport box holds all components, except the tripod

SOUNDCOMMANDER[®] 3500 Operation

- The control panel and controls of the Amplifier/Power Station are the same as those on all other SoundCommander systems.
- The SC3500 can be used in a desk top mode, or as a portable system, operating for approximately 2-4 hours on a single battery charge. The main station hard case has its own built in carry handle.
- The preamplifier/control module can be separated from the main cabinet for vehicle operations (optional).
- The system Amplifier/Power Station is mated to the loudspeakers via 50' or 100' speaker cables, with military style connectors.
- The five external speakers are mounted outside on a single circular bracket measuring approximately 24" across. The bracket, together with the mounted speakers and junction box weighs approximately 35 lbs. The bracket can be mounted on the included adjustable equipment stand, or on a pole of the unit's choosing for a more permanent setup.
- For optional wireless operations, a short whip antenna is included for portable operation. A rooftop outside whip antenna is included for ommand desk operation. It is recommended that the SC UHF 256 channel, transmitter/receiver set be used for SC3500 wireless operations.

The more powerful amplifier in the SOUNDCOMMANDER[®] 3500 system, 184 watts vs. 33 watts RMS, of the SC1000 systems, operates at a higher overall volume, than the three speaker SC1000 systems. The audio is spread more evenly, in a full circle, with five speakers operating simultaneously instead of three. In a compound with many generators the SC3500 will be the most effective system.