

SoundCommander® SC3500 Series

“Giant Voice” 360° Deployable Mass Notification
Voice and Warning Tone Loudspeaker System

GSA Contract #GS-07F-9199S

NSN: 5830-01-542-3267



SoundCommander® SC3500

Get your emergency mass notification and warning system where you need it with the **SoundCommander® SC3500** loudspeaker system. This rugged, deployable system can be set up in the field or mounted on a vehicle to deliver warning tones and vital instructions loud and clear. The SC3500 system projects powerful

131dB continuous (RMS) crystal-clear, articulate voice and warning-siren audio over areas encompassing 360° of coverage up to a diameter of 1600 meters. Operate the system in the field from a command vehicle or temporary command center. When seconds count, there's no time for doubt. Take control with SoundCommander.



The SC3500 System with Loudspeaker Array, and Amplifier/Control Module.

The SC3500 provides powerful audio coverage with superior frequency response through hexagonal-array, 60-watt RMS loudspeakers mounted on a circular base or included adjustable tripod. The field-tested Amplifier/Control Module, which meets MIL-STD 180, powers the unit and controls the system through available control and I/O options. Several SC3500 systems located at different locations on a facility can be controlled using a Central Base Station wirelessly or wired.



• **Circular Six Speaker Array** projects clear, wide-frequency, warning and voice audio to a radius up to 1600 meters. Speaker arrays can be mounted to accommodate uneven terrain and/or alter projected sound patterns. Each speaker connects to the amplifier module with 14Ga heavy-duty speaker cables through sealed junction boxes.



• **Amplifier/Control Module** is housed in a weather-protected, ruggedized electromagnetic shielded hard case, complete with a carry handle. Total weight is only 35lbs. The module has 3 built-in sirens; visible multi-section audio-modulation and battery-level LEDs; and 2 XLR inputs. It is equipped for wired and/or wireless operation with a 256-channel UHF tx/rx that ranges up to 800 meters.







• **Central Control Base Station** units can be installed at different command locations for simultaneous use. Base Station includes multiple inputs including microphone and AUX audio inputs. The 7.5Ahr 12VDC rechargeable internal battery can operate the station for 24hrs without external power (110/220VAC).



• **AlertCommander** Pre-recorded warning tone, siren and message delivery system enables the SC3500 system to project pre-recorded messages or tones directly from the amplifier/control module or base station to the Loudspeaker Array(s) via an Android color touch screen mobile device. User can download files and locally record and edit messages for the system.

FEATURE	COMPONENT	DETAILS
Audio Response ASY45725	SC3500 Loudspeaker Array	Unit projects clear warning and voice audio up to a radius of 800 meters. Frequency response is flat from 400Hz to 6500Hz +/- 3dB with max frequency spread of 400-8000Hz.
Housing / Deployment ASY45725	SC3500 Loudspeaker Array	6 (12 speaker array is available) 60 watt RMS horn loudspeakers arranged in a 360° pattern can be mounted on flat platforms, adjustable tripod stand, crank upstan, fixed pipe or pole.
Housing / Deployment ASY45725	SC3500 Loudspeaker Array	Each loudspeaker can be adjusted slightly to the sides, up or down to vary the projected sound pattern. System includes a hard transport case for speaker array and other accessories.
Housing / Deployment ASY45725	SC3500 Loudspeaker Array	Each speaker connects to a sealed junction box. A 100' (30m) 14Ga heavy-duty speaker cable (extensions available) connects from the array to the amplifier with military style connectors.
Adjustable Tripod STD64307	SC3500 Loudspeaker Array	Included adjustable tripod stand equipped, with leveling leg for uneven terrain, adjusts upward from a height of 5' (1.5m) to 8' 6" (2.6m) (4m option available). Includes storage/carry case.
Housing / Deployment ASY45814	SC3500 Amp/Control Module	Encased in weather and electro-magnetic protected hard case with handle including internal 15Ahr battery weighs 35lbs (16kg). Unit and case complies with MIL-STD 180 ruggedness.
Power Output ASY45814	SC3500 Amp/Control Module	Unit internal amplifier produces 500 watt RMS (1000 watt version available).
Power Input ASY45814	SC3500 Amp/Control Module	Can use 110 or 220VAC power source. Alternatively can use 12 or 24VDC source. Internal rechargeable battery can continuously operate system for 4 hours or 24 hours in standby mode.
Input / Output ASY45814	SC3500 Amp/Control Module	Unit comes with 3 powerful built-in sirens, visible multi-section audio modulation and battery level LED's. 2 XLR inputs and 3 separate volume controls for wired and wireless audio sources.
Deployment IML25751	SC3500 Base Station	Unit can control several SC3500 systems at once.
Input / Output IML25751	SC3500 Base Station	Supports multiple audio source inputs like push-to-talk microphones, telephone, or AlertCommander
Power Input IML25751	SC3500 Base Station	Station can be powered by 110 or 220VAC. Also accepts 12DC power source. The internal 7.5Ahr 12VDC battery pack can operate system for at least 24hrs without external power.

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SoundCommander® is manufactured in the USA by IMLCORP, LLC

