

SoundCommander® SC360 System

Fixed-Location Emergency Mass Notification
Loudspeaker and Emergency Warning System



SoundCommander® SC360

Deliver emergency mass notification announcements, instructions and warnings loud and clear with the **SoundCommander® SC360** fixed-location, "Giant Voice" loudspeaker system. Scientifically placed SC360 loudspeakers cover specific outdoor areas with powerful sirens and the clearest pre-recorded and live voice

messages. The SC360 integrates with telephone, email, SMS, indoor-speaker and signage emergency mass notification systems. Ideally suited for college, office and industrial campuses; airports; zoos and parks; and military bases. When seconds count, there's no time for doubt. Take control with SoundCommander.



The SC360 System comes with Loudspeaker Array, Amplifier/Power Module, and Remote Central Control Base Station. The SC360 System complete with Loudspeaker Array, Amplifier/Power Module, and Remote Central Control Base Station. The SC360 provides powerful audio coverage with superior audio frequency response via hexagonal-array, 60-watt RMS loudspeakers available in 360° or 180° in rugged, weather-protected encasements. They can be mounted on roofs or towers. The SC360 Amplifier/Power Module - encased in a sealed, weather-protected metal NEMA IV-rated enclosure - provides uninterrupted power. The Remote Control Central Base Station(s) can control up to 48 speaker-array nodes wirelessly or wired.



• **Hexagonal Circular Six Loudspeaker Array** stacks up to 4 levels to increase projection range out to a full one-mile radius. Multiple speaker arrays can be linked together via Central Control Base Station(s) to cover any size area. Signals and announcements to the arrays can be received via LAN, fiber optic, UHF band, cable, and wirelessly.



• **SC360 Amplifier/Power Module** is encased in weather-proof NEMA-IV IP66 rated steel casing, is easily maintained, and is IP addressable. Its 52Ahr rechargeable internal battery can receive a charge from 110 or 220V AC, or 12-24V DC. Power Modules possess power failover contingency that will continue to operate the SC360 system for at least 4 hours of active use and over 24 hours in standby mode.



• **Remote Central Control Base Station** units each can control up to 48 Amplifier/Speaker Arrays. Multiple base stations can be installed at different command locations for simultaneous use. Base Station includes multiple inputs for microphone and AUX audio. The 7.5Ahr 12VDC rechargeable internal battery can operate the station for 24hrs without external power.



• **AlertCommander®** Pre-recorded warning tone, siren and message delivery system enables the SC360 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 ASY45058	SC360	Loudspeaker Array	Projects almost flat response of +/- 3dB from 400Hz to 6500Hz with a maximum response of 300 to 8000Hz
Array Node Link ASY45058	SC360	Loudspeaker Array	Multiple speaker arrays nodes can be linked together via a central control base station to cover any size area.
Housing / Deployment ASY45058	SC360	Loudspeaker Array	Marine grade UV protected loudspeakers housed in weather-protected steel encasements. Arrays configurable in 360 and 180° variants. Can be mounted on pole, tower, or roof.
Sound Projection ASY45058	SC360	Loudspeaker Array	Max range out to a full mile (1600m), with up to 4 level stacked array, producing a continuous sound pressure level (SPL) of up to 76dB depending on environmental conditions.
Housing / Deployment ASY45817	SC360	Amp/Power Module	Each module encased in weather-protected, sealed metal NEMA-IV rated enclosure. Modularized design is easily maintained interchangeable. Can mount on tower, pole or building.
Power Output ASY45817	SC360	Amp/Power Module	All weather Amplifier/Power Module produces up to 2000 watts (w/ 4 array system) via auto-trigger power amplifier.
Power Input ASY45817	SC360	Amp/Power Module	Can be powered from external 110 or 220VAC, or 12-24VDC sources. Units possess rechargeable internal 52Ahr battery, capable of 24 hr backup in standby, or 4 hrs of active use.
Deployment IML25751	SC360	Base Station	Each station can control up to 48 Amplifier/Speaker Array Nodes. Multiple base stations can be installed at different command/control locations simultaneously.
Input / Output IML25751	SC360	Base Station	Inputs include microphone and AUX all-purpose interface for audio sources like PA systems, radio receivers, telephone systems, or AlertCommander®
Power Input IML25751	SC360	Base Station	The 7.5Ahr 12VDC rechargeable internal battery can operate Base Station unit for at least 24 hours without an external power source.
Notebook UI IML25751	SC360	Base Station	The Base Station Notebook PC offers individual or multiple speaker node selection and displays the status and condition of each node.
Monitor Speaker IML25751	SC360	Base Station	Monitor speaker is included with each base station.



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