

SoundCommander® SC5600 Series

High-Power, Long-Range, Directed
Acoustic Hailing Device (AHD) Loudspeaker System

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SoundCommander® SC5600

Direct your warnings and messages - undistorted - with continuous audio output over distances of 2000 meters or more with **SoundCommander® SC5600** Series Acoustic Hailing Device (AHD) loudspeaker systems. The SC5600 Series is the AHD of choice for U.S. and allied Armed Forces and for law enforcement and emergency

management agencies worldwide because of their loud, high-clarity sound capability over long distances. When seconds count, there's no time for doubt. Take control with SoundCommander.



The SC5600 System with Loudspeaker Array and Amplifier/Control Module.

The SC5600 Loudspeaker Array is a ruggedized, heavy-duty set of 6 directional, reentrant-horn loudspeakers. They can be reconfigured in fixed horizontal or vertical positions and be controlled manually or remotely with our Pan-and-Tilt capability. Each array's re-chargeable internal battery is powered by 100/220VAC or 12/24VDC and provides 12 hours of backup charge. The Amplifier/Control Module, physically separated from the speaker array for remote use, has its own ruggedized hard case. The unit comes with built-in sirens, various I/O options and UHF receiver.



• **Long Range Focused Loudspeaker Array** is a ruggedized aluminum framework enclosing 6 directional horn loudspeakers. Array projects focused beams with spread of +/- 15° from center. Arrays can be stacked in two horizontal or vertical speaker sets and can be separated by up to 120 meters (400 feet). The unit works with UHF Tx/Rx set, and its rechargeable battery can be powered by 110/220VAC or 12VDC/24VDC.



• **SC5600 Manual or Remote Pan and Tilt Versions.** Manual Pan and Tilt apparatus is easily installed and can be mounted directly on a vehicle machine gun pintle or optional MG pintle mount. A remote-powered Pan and Tilt mechanism is also available. It can be operated by a joystick connected wirelessly, by wired LAN, or by cable using PC software.



• **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.



• **AlertCommander®** Pre-recorded warning tone, siren and message delivery system enables the SC5600 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 ASY45814 | SC5600 Loudspeaker Array | Speaker Array can project continuous audio output to a range of 2000+ meters. Array projects a highly focused main "beam" (lobe) with a spread of +/- 15° from beam center. |
| Housing / Deployment ASY45814 | SC5600 Loudspeaker Array | Array is a heavy duty aluminum framework of 6 directional reentrant horn loudspeakers. Array weighs 44lb (20kg) and measures 22" (559mm) x 24" (610mm) x 10" (254 mm). |
| Housing / Deployment ASY45814 | SC5600 Loudspeaker Array | Array can be configured into either a stacked 6 speaker arrangement or 2 sets of horizontal 3 speakers that can be separated up to 400ft (120m). |
| Accessories ASY45814 | SC5600 Loudspeaker Array | Unit accessories include tied down straps for temporary vehicle mount, one or two adjustable air assisted pop-up tripods, and padded soft carry cases for dismounted operation. |
| Manual Pan and Tilt ASY45814 | SC5600 Loudspeaker Array | Manual Pan and Tilt version is easily installed and can be mounted directly on a machine gun pintle or optional MG pintle mount. |
| Remote Pan and Tilt ASY45814 | SC5600 Loudspeaker Array | A remote powered Manual Pan and Tilt mechanism is available that can be operated by either a wired joystick or via wireless or wired LAN using a PC software provided by FLIR. |
| Input / Output ASY45814 | SC5600 Loudspeaker Array | UHF wireless 50MW or 100MW tx/rx set can project voice, tones and other data up to 800 meters. |
| Housing / Deployment ASY45814 | SC5600 Amp/Control Module | Unit is encased in weather protected, ruggedized hard case with carry handle. Amplifier/Control Module operates completely separated from Speaker Array . |
| Input / Output ASY45814 | SC5600 Amp/Control Module | Unit has system controls, built-in 3 tone siren, 2 wired and 1 wireless input, 3 volume controls for mic, AUX audio sources, and 256 channel wireless UHF receiver. |
| Input / Output ASY45814 | SC5600 Amp/Control Module | Supports multiple audio source inputs like push-to-talk microphones, telephone, or AlertCommander® |
| Power Input ASY45814 | SC5600 Amp/Control Module | Can use 110 or 220VAC power source. Alternatively can use 12 or 24VDC source. |
| Accessories ASY45814 | SC5600 Amp/Control Module | Accessories include two 50'(16m) speaker cables, array interconnect cable, push-to-talk microphone, and 20'(6m) audio extension cable. |

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SoundCommander® is manufactured in the USA by IMLCORP, LLC

