

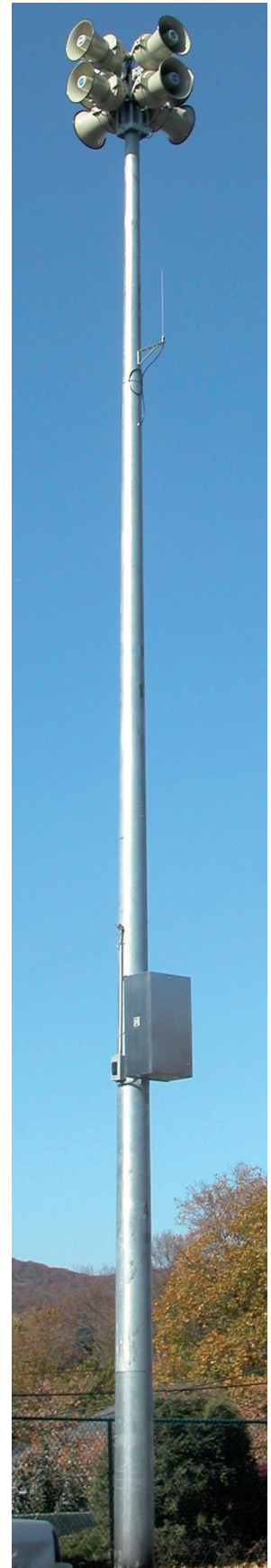
## High Powered Speaker Station

Our most powerful siren, the High Powered Speaker Station (HPSS) provides exceptional voice clarity for outdoor mass notification applications where intelligibility of pre-recorded voice messages and live Public Address (PA) is critically important. The HPSS provides up to 3200 watts of continuous audio output. It is also capable of driving strobe lights and LED message signs for visual alerting in areas with high ambient noise levels.

The unit is monitored, controlled, and activated by an ATI central control unit, such as the REACT5000 or REACT4000, or can operate standalone using the Local Operating Console (LOC) option.\* Our HPSSs can support multiple simultaneous communication paths to ATI control units to provide the most robust, reliable notification system available\*. All HPSSs have battery backup systems since AC power is often lost during an emergency. In addition, ATI offers a high wind solar panel option to charge the batteries where AC is not available or practical. \*

### Key Features

- Excellent acoustic performance and voice intelligibility
- Up to eight 400W speaker horns and steel speaker mounting bracket included, for roof or pole-mount installation
- Configurable audio coverage patterns ranging from 360° omnidirectional to unidirectional
- NEMA 4X Stainless steel enclosure with ventilated battery compartment, door intrusion switch and enclosure mounting bracket
- Unique, compact and highly efficient Class D amplifiers with 1600/3200 watts of continuous audio output power integrated on a high-performance controller board
- Conformal-coated printed circuit boards for operating in harsh environments
- UL464 listed option available upon request\*
- Message encryption and security coding to prevent unauthorized system activations
- Local and remote testing and reporting including “silent” testing
- Temperature-compensated battery charger and power On/Off circuit breakers
- Very low standby power requirements and 60 minutes of continuous activation
- Flexible and redundant communication methods including IP, Ethernet, twisted pair/telephone cable, fiber optic, cellular and satellite\*
- Built-in tone generator providing 10 standard, pre-configured tones; up to 255 pre-recorded voice messages and 100 hours of recording time
- Automatic gain control for consistent output volume



ATI's HPSS32

# HPSS SPECIFICATIONS

Physical Attributes					
	HPSS16		HPSS32		400W Speaker
Length	40"				19"
Width	23"				21"
Depth	15"				24.34"
Weight (without radio/batteries)	118 lbs		126 lbs		45 lbs
Environmental Characteristics					
Operating Temperature	-40 to +80°C				
Humidity	0 to 95%, non-condensing				
Electrical/Power Characteristics					
	HPSS16		HPSS32		
Supply voltage	120VAC 60Hz	240VAC 50Hz	120VAC 60 Hz	240VAC 50Hz	
Supply current, max	5A	3A	5A	3A	
Standby current	550mA, typical §				
Standby time without AC	> 3 days §				
Max activation time	60 minutes (steady tone, full power) §				
Radio power supply	12V DC, 12A maximum*				
Communication I/O					
Communication to ATI units	IP (Ethernet), (UHF/VHF) radio, fiber, satellite, DSL, and cellular modem*				
RS485/RS232 port	1, maximum (either RS485 or RS232)*				
Signaling inputs	8, maximum* (configurable)				
Signaling outputs	8, maximum* (configurable)				
Audio out (for PA or FACP)	configurable 300/600 ohm balanced or unbalanced				
Pre-recorded Messages/Tone Characteristics					
Number of alert tones	10 pre-configured alert tones				
Number of recorded messages	255, maximum				
Recording time, maximum	100 hours (depends on recording content)				
Amplifier Characteristics					
	HPSS16		HPSS32		
Number of 400W speakers	up to 4		up to 8		
Output voltage	25V				
Max power (audio/strobe)	1600 W RMS		3200 W RMS		
Audio Bandwidth	250 Hz - 5 kHz				
Output regulation	< 1dB, no load to full load				
Amplifier efficiency	90%				

All information and specifications are subject to change without notice, and may contain typographical or other errors.

§ Assuming 2 - 105AH batteries, with radio communication

\*Additional hardware/firmware may be required.