

THPSS

Transportable High Powered Speaker Station

ATI's Transportable High Powered Speaker Station (THPSS) allows users to deploy a reliable alert system anywhere. Easily set up by two people, the unit is ideal for both temporary and permanent installations and reduces the need for special contractors.

This unit provides 1600 Watts of continuous audio output power for reliable alert tone notification and delivery of pre-recorded messages in emergency situations or for public address (3200 watt configuration available as well). Designed for temporary usage, the unit is suited for military installations, sporting events, large public gatherings, and construction sites where a permanent mass notification system is not cost-effective.

Key Features

- Easy-to-assemble 30-foot mast system
- User-friendly LCD menu for local control
- Exceptional acoustic performance and intelligibility
- Message encryption and security coding prevents unauthorized system activations
- 60 minutes of continuous tone operation*
- 7 days of standby time without AC power
- 10 standard alert tones plus live PA broadcast ability
- Automatic gain control for consistent output volume
- Local and remote control, monitoring and activation *
- Solar panel charging available*



PHYSICAL ATTRIBUTES		THPSS	400W Speaker
Height with mast fully extended:		30'	Length: 19"
Width:		Base Width: 11.2'	21"
Depth:		Base Depth: 11.2'	24.34"
Weight:		803 lbs. without speakers	45 lbs.
ENVIRONMENTAL CHARACTERISTICS			
Temperature:	-40°C to +55°C		
Humidity:	0 to 95% non-condensing		
ELECTRICAL CHARACTERISTICS		THPSS 1600 Watt	THPSS 3200 Watt
Supply Voltage:	120VAC 60Hz, 240VAC 50Hz		120VAC 60Hz, 240VAC 50Hz
Supply Current Max:	7A (120v)/3.5 A (220V)		7A (120v)/3.5 A (220V)
Standby Current (24 VDC):	550mA typical §		550mA typical §
Standby Time (without AC):	> 7 days §		> 7 days §
Activation Time Max:	60 minutes (steady tone, full power) §		60 minutes (steady tone, full power) §
Battery Backup:	2 x 12V 100AH*		4 x 12V 100AH*
Radio Power Supply:	12V DC, 12A max*		12V DC, 12A max*
COMMUNICATION I/O			
Communication (to ATI units):	UHF/ VHF RF, IP, Ethernet-over-Fiber, Telephone/ Twisted - DSL, Cellular, and Satellite		
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			
Alert Tones:	10 pre-configured alert tones		
Recorded Messages:	255 max		
Recording Time Max:	100 hours (depends on recording content)		
AMPLIFIER CHARACTERISTICS		THPSS1600	THPSS3200
400W Speakers:		Up to 4	UP to 8
Output Voltage:		25V	25V
Power max (audio/strobe):		1600W RMS	3200W RMS
Audio Bandwidth:		250Hz to 5kHz	250Hz to 5kHz
Output Regulation:		< 1dB no load to full load	< 1dB no load to full load
Amplifier Efficiency		90%	90%

* Additional hardware/firmware may be required.

§ Assuming 2 or 4 12V 100AH batteries

