

## PRODUCT SHEET

### THE SOUNDSABER ADVANTAGE:

#### HIGH INTELLIGIBILITY/CLARITY

- ENSURES THAT YOUR MASS NOTIFICATION MESSAGES ARE READILY UNDERSTOOD

#### COST EFFECTIVE SOLUTION

- FASTER INSTALLATION TIME
- HIGHER QUALITY SOUND AT LOWER POWER

#### EASE OF INSTALLATION

- RUGGEDIZED PACKAGE
- LOWER WATTAGE POWER AMPLIFIER REQUIREMENTS
- ALL WEATHER CAPABILITY
- LOWER MOUNTING HEIGHT
- POLE OR BUILDING MOUNT
- LIGHTWEIGHT

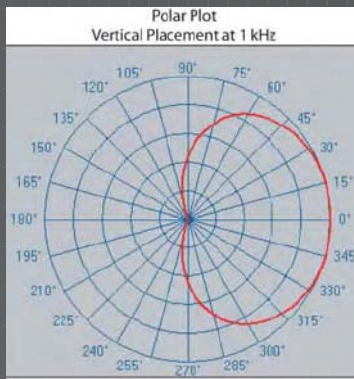
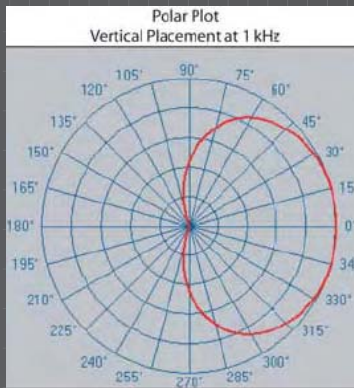


## SOUNDSABER 100 - THE SOUND OF MASS NOTIFICATION

SoundSaber 100 is designed to be integrated into a mass notification system as an upgrade or new installation.

Using ATC's patented NeoPlanar® technology, SoundSaber 100 creates superior sound quality, higher sensitivity, lower wattage power amplifier requirements and greater power handling capabilities for sound pressure levels as high as 111 dB in a package that is 27 inches long by 9 inches wide by 8.5 inches deep, weighing only 17 pounds. The result is a clear, crisp audio dispersion pattern suitable for any notification system, regardless of ambient noise or the scale of broadcast.

Our proprietary design and unique assembly technology replaces the traditional speaker cone with an almost weightless thin-film diaphragm driven by the force of high energy magnetics for less distortion and higher dynamic range than other planar drivers of a similar size. Mass notification messages delivered through SoundSaber 100 systems feature clean, transparent sound and are easily understood by listeners.



### WEIGHT

Emitter Array Weight

Approximately 17 lbs

### UNIT COLOR

SoundSaber 100

Gray

### MECHANICAL

Physical Dimensions

27" x 9" x 8.5" (L x W x D)

Number of Elements

1

### ENVIRONMENTAL

Operating Temperature

-40°C to 60°C

### SHOCK AND VIBRATION TESTED

Tested to Grade "A" shock and vibration

### TECHNICAL PERFORMANCE

Maximum SPL

111 dB @ 60 Watts/1 Meter/4.5 kHz

Frequency Response

250 Hz to 17 kHz (-10 dB)

Total Harmonic Distortion

1.7% at 1 kHz\*

Directivity Characteristics

Horizontal Placement +/-18° @ 1 kHz; +/-12° @ 2 kHz

Vertical Placement +/-70° @ 1 kHz; +/-68° @ 2 kHz

Sensitivity

87.5 dB at 1 Watt/1 Meter/1 kHz\*

Impedance

Non-reactive, 3.6 Ohms (purely resistive load)\*

70V Distribution Transformer

Built in, 20W/40W/60W Selectable

\*Without 70V Distribution Transformer

