

# TCPA-OMNI MEDIUM POWER SPEAKER ARRAY



## FEATURES

- UL 1480 & ULC S541 LISTED
- 129 dB SPL
- 1/4 MILE RADIUS COMMUNICATION RANGE
- WIDE FREQUENCY RANGE: 350 Hz - 5 kHz, OPTIMIZED FOR HUMAN VOICE
- 50-200 WATTS
- 70 V DRIVE
- INTELLIGIBLE VOICE ANNOUNCEMENTS & SHARP WARNING TONES



## TCPA-OMNI

The TCPA-Omni is the perfect solution for both indoor and outdoor mass notification needs. It is UL 1480 and ULC S541 listed for General Notification and Fire and Emergency Signaling. The TCPA-Omni provides both crystal-clear voice and high impact tones, making it possible for one speaker to service all of your acoustic needs.

The TCPA-Omni is the class leader in intelligibility and acoustic power density. At a mere 18 inches in diameter and weighing only 19 pounds, the TCPA-Omni will be heard more than it is seen. Its acoustic punch allows for fewer units to be installed in large industrial complexes, increasing intelligibility while reducing installation and maintenance costs.

The TCPA-Omni can be powered directly from a fire alarm control panel, giving the customer a fully UL listed solution. It has three power taps (50W, 100W,

and 200W), which are configured during installation.

The unit is corrosion resistant, allowing it to withstand the industry's harshest environmental conditions. The rugged housing is UV stable and will maintain a quality appearance over time.

## APPLICATIONS

- Emergency Notifications
- Campus Communications
- Manufacturing Facilities
- Fire & Life Safety
- Warehouses
- Corporate Campuses
- Airports/Airport Hangars
- Arenas/Stadiums
- Parking Structures



**ACOUSTIC SPECIFICATIONS:**

	50W	100W	200W
Sound Pressure Level (Peak @ 1 m)	123 dB	126 dB	129 dB
Sound Pressure Level (Max RMS Broadband @ 1 m)	116 dB	119 dB	122 dB
Sound Pressure Level (Max RMS Broadband @ 100 ft)	86 dB	89 dB	92 dB
Sound Pressure Level (Max RMS 1 kHz @ 1 m)	113 dB	116 dB	119 dB
Usable Range @ 70 dB	656 ft	925 ft	1,312 ft
Dispersion	360° Horizontal		
Usable Frequency Response	350 Hz - 5 kHz		
UL Frequency Response	500 Hz - 5 kHz		

**POWER REQUIREMENTS:**

Power	50, 100, 200 Watts
Input Voltage	70 VRMS

**PHYSICAL SPECIFICATIONS:**

Dimensions	18.38" DIA x 10.50" H (46.67 cm DIA x 26.67 cm H)
Weight	19 lbs (8.62 kg)
Housing Material	Composite
Housing Color	Gray, Red, or White

**ENVIRONMENTAL:**

Operating Temperature Range	-20° C to 60° C
Operating Humidity Range	0-95% Non-Condensing
Ingress Protection	NEMA3R, UL (Dry, Damp, Wet)

**CERTIFICATION:**

UL 1480	Fire Alarm, Emergency, & Commercial Use
ULC S541	Fire Alarm & Equipment
CSFM	California State Fire Marshal Listed

**ORDERING INFORMATION:**

90185A-801-XX-X	TCPA-Omni, 50W/100W/200W, 70 volt drive
04-A	Gray with red alert label
04-F	Gray with red fire label
04-N	Gray with no label
05-A	Red with white alert label
05-F	Red with white fire label
05-N	Red with no label
06-A	White with red alert label
06-F	White with red fire label
06-N	White with no label



**making a difference**

Ultra Electronics  
 USSI  
 4868 East Park 30 Drive  
 Columbia City  
 Indiana, 46725-8861  
 USA  
 Tel: +1 260-248-3666  
 Email: sales@ultra-ussi.com  
 www.ultra-hyperspike.com  
 www.ultra-electronics.com

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