

TCPA™ Directional Public Address Speaker

Features

- 136 dB SPL acoustic output
- Long range: 6562 ft
- Dispersion: 70° x 80°
- Wide frequency range: 425 Hz - 7 kHz
- Lightweight at 26 lbs
- Rugged composite material

The TCPA is a revolutionary new directional public address system that utilizes patented Hyperspike® technology to project clear intelligible voice and penetrating alert tones. The TCPA is configurable and adaptable for nearly any mounting environment and is ideal for indoor and outdoor use.

To achieve a wider broadcast area, the TCPA can be set in array with other TCPA devices, and with a weight of only 26 lbs, the TCPA can be installed in place of most existing public address systems without additional structural reinforcement.

The TCPA is both modular and light weight, allowing the end user to select from other TCPA horn configurations to construct a system that will yield the desired output and dispersion for the situation, and install TCPA into environments where weight is a concern.

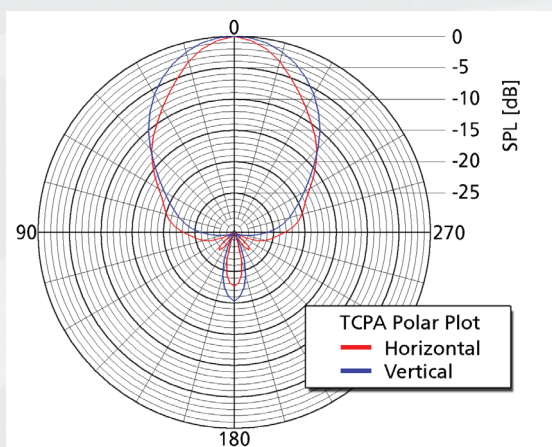
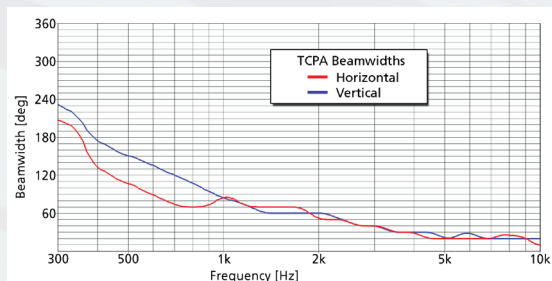
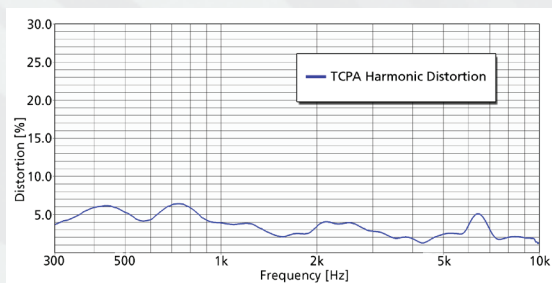
Applications

- Crowd Control
- First Responders
- Emergency & Event Control
- Border & Port Protection
- Indoor/Outdoor PA

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TCPA™ Directional Specifications



Acoustic specifications:

Sound Pressure Level (Max @ 1KHz)	136 dB @ 1 m
Sound Pressure Level (Max @ 1KHz)	107 dB @ 100 ft
AES2 Bandlimited Pink Noise (Max)	134 dB @ 1 m
Usable Range ^A	6562 ft @ 70 dB
Dispersion	70° Horizontal x 80° Vertical (1 kHz @ -10 dB)
Frequency response	425 Hz - 7 kHz (-10 dB) (See graph)

Power requirements:

Average Power	200 Watts
Nominal Impedance	10 Ohms
Input Voltage	45 VRMS

Physical specifications:

Dimensions	14.9" H x 21.3" W x 20.3" D (37.8 cm H x cm 54.1 W x 51.6 cm D)
Weight	26 lbs (11.8 kg)
Housing material	Composite
Housing color	Taupe

Environmental:

High/low operating temperature	-20° C to 60° C
Operating humidity	0-95% Non-Condensing
Ingress Protection	IP54

Ordering Information:

Model No.	90136A
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^A Ambient environmental conditions



Ultra Electronics

USSI
4868 East Park 30 Drive
Columbia City
Indiana, 46725-8869
USA
Tel: +1 260.248.3666
Email: sales@ultra-uss.com
www.ultra-hyperspike.com
www.ultra-electronics.com

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