

# BOGEN®

# A12

**High-Output,  
Long-Throw  
Loudspeaker  
for All-weather  
Applications**



## Powerful Sound, Rugged Construction

The latest addition to Bogen's A-Series all-weather speaker family, the **A12 Loudspeaker** features a more powerful, more focused driver complement for use in larger, outdoor public spaces and with higher ambient sound levels.

Unique technologies produce the highest sound quality in the most durable and reliable loudspeakers. The A12's rugged construction resists water, snow, dust, salt spray, UV rays, and extreme temperatures, making it the ideal choice for any outdoor application, including theme and water parks, amphitheaters and athletic fields, seaside locations and marine use.

The A12 is compatible with low-impedance and 70V systems, and is rated 225 watts @ 16 ohms and 128 watts @ 70V. Metal Diaphragm Technology (MDT) and Magnetic Liquid Suspension (MLS) make these drivers extremely weather-resistant while still providing smooth, accurate sound over the speaker's entire coverage area.



# A12

## BOGEN

All-weather Loudspeaker



### A12 Features:

- 16-ohm and 70V operation in one unit
- Purpose-built to be extremely durable in all weather conditions
- 225W of power at 16 ohms
- 70V Power Taps: 128, 64, 32, 16, 8 watts
- Dual 6.5" anodized metal-alloy MDT mid/bass speaker cones are extremely stable in all environments
- MLS Ferrofluid voice coil suspension replaces distortion-causing mechanical spider and environmentally seals magnet gap
- Dual-layer voice coil with separate inner and outer windings for high output and ultra-low distortion
- Horn-loaded, 1" exit compression driver features a 1.9" Mylar diaphragm for consistent long-term performance
- 90° x 45° Horn delivers high-frequency pattern control over the listening area
- Mineral-filled polypropylene cabinet
- Advanced polymer compound surrounds resist UV rays, chemicals, and salt spray
- Gold-plated, rust-proof input connectors
- Heavy-gauge powder-coated stainless steel mounting bracket with 180° swivel
- Model TMA812 Adjustable Tilt-Mount Adapter provides wide selection of tilt angles (*sold separately*)

### SPECIFICATIONS

Frequency Response	55 Hz to 17.5 kHz
LF Driver	Dual Anodized Metal-Alloy 6.5-inch Cone Woofers
HF Driver	1.9-inch Mylar Diaphragm with Constant-Directivity Horn
Sensitivity (1W/1m)	94.5 dBspl
Dispersion	90° Horizontal, 45° Vertical
Impedance Ratings	Low (16 ohms) / High (70V)
Power Input (Max.)	225W @ 16 ohms; 128W @ 70V
Power Settings (in watts)	70V: 128, 64, 32, 16, 8
Dimensions	10-1/4" W x 17-7/8" H x 11-3/4" D
Product Weight	22 lb.



A12 Rear Panel:  
Input Terminals

1. DURABLE COMPOUND RUBBER CONE SURROUNDS RESIST CHEMICALS
2. SPECIALLY ANODIZED METAL-ALLOY WOOFER CONES
3. HIGH-GAUSS FERROFLUID<sup>®</sup> DESIGNED TO PREVENT OXIDATION IN THE MAGNET GAP AND TO KEEP THE VOICE COIL COOL AND CLEAN
4. UNIQUE VENT COVERS SHED WATER YET ALLOW BASS TUNING TO REMAIN ACCURATE AND POWERFUL.
5. HORN FLARE COLLECTS WATER FROM UPPER GRILLE AND CHANNELS IT AWAY FROM HORN OPENING
6. HORN-LOADED COMPRESSION DRIVER WITH MYLAR DIAPHRAGM IS EXCEPTIONALLY WEATHERPROOF
7. POLYPROPYLENE GRILLES WON'T RUST OR CORRODE
8. RUST-FREE STAINLESS STEEL, ALUMINUM, AND BRASS HARDWARE THROUGHOUT
9. INPUT TERMINALS ARE GOLD-PLATED TO PREVENT OXIDATION/CORROSION
10. MOLDED MINERAL-FILLED POLYPROPYLENE ENCLOSURE WITH PATENTED RIB DESIGN
11. STAINLESS STEEL, POWDER-COATED ADJUSTABLE MOUNTING BRACKET

### ACCESSORY

#### TMA812 TILT-MOUNT ADAPTER

Stainless Steel Construction,  
Rust-resistant Hardware

