



# SPECIFICATIONS DC6

## FEATURES

- Compact two-way system for small dance clubs
- Very effective as a fill system in large clubs
- Dual 8-in woofers, vented
- Horn-loaded 1-in exit/1.75-in voice coil HF compression driver
- Cutaway rear corner directs coverage down from its position close to a ceiling

## DESCRIPTION

The DC6 is engineered for use in permanent installations. The system includes dual 8-in woofers in an optimally vented enclosure and a 1-in exit/1.75-in voice coil high frequency compression driver on a 90° (h) x 60° (v) dispersion constant directivity horn.

The dual woofers are placed adjacently to enhance driver coupling and minimize horizontal beaming at the top of the LF passband while the HF horn's complex flare ensures true 90° horizontal coverage.

A complex asymmetrical internal passive crossover/filter network provides subsystem integration, ensuring coherent summation throughout the transition.

## APPLICATION

The DC6 compact, passive two-way dance club system provides high output, high definition reinforcement for small clubs or smaller spaces within clubs. Overall design is robust to ensure reliability in the face of continuous peak output operation.

The DC6 is designed for overhead mounting in a horizontal configuration to cover small dance floors or auxiliary spaces within larger clubs. Its cutaway upper-rear corner allows it to tuck up next to the ceiling while angling its coverage down 20°. The enclosure includes balance-optimized threaded mounting points.

Like all EAW products, it can be special ordered in virtually any color to match a specific décor. Six year warranty.

## PERFORMANCE

### Frequency Response

±3 dB	75 Hz to 19 kHz
-10 dB	50 Hz

### Axial Sensitivity (dB SPL, 1 watt @ 1 m)

Full Range	95
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### Nominal Input Impedance (ohms)

Full Range	4
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### Power Handling (watts, continuous)

Full Range	400
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### Calculated Output Limit (dB SPL @ 1 m)

Full Range Peak	127
Full Range Long Term	121

### Nominal Beamwidth (degrees @ -6 dB SPL)

Horizontal	90
Vertical	60

## PHYSICAL

Product Group	Avalon
Configuration	2-way full-range
Powering	Full-range (passive LF/HF crossover)
LF Subsystem	2x 8-in woofers, vented
HF Subsystem	1x 1-in exit/1.75-in voice coil compression driver on CD horn
Enclosure Material	Exterior-grade Baltic birch plywood
Finish	Wear-resistant black textured paint
Connectors	2x Neutrik NL4 Speakon
Suspension Hardware	10x 3/8"-16 threaded mounting points (4 top, 3 per side)
Grille	Zinc coated perforated steel

### Dimensions

	inches	millimeters
Height (front)	10.7	270
Height (rear)	7.5	189
Width	30.0	762
Depth	11.7	297

### Weights

	pounds	kilograms
Net Weight	56	25.5
Shipping Weight	64	29.1

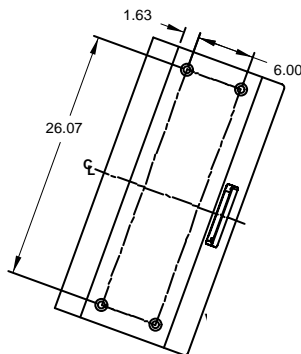
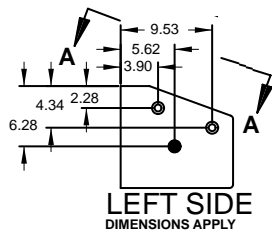
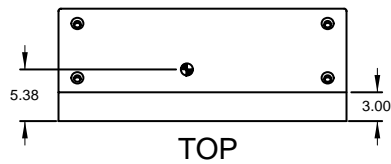
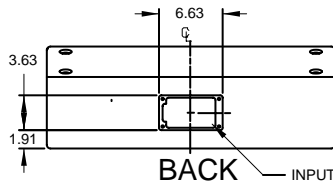
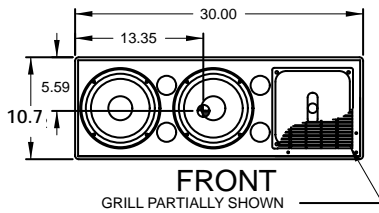




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## DIMENSIONAL DRAWING

- ⊙ INDICATES MOUNTING POINT, 3/8-16 THREADED HOLE (PI ANGLE).
- INDICATES MOUNTING POINT 3/8-16 THREADED HOLE (NUT PLATE).
- ⊕ INDICATES CENTER OF BALANCE



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Manufacturing tolerances are +/- 0.13 and +/- 1°

## INPUT PANEL

