

# JBL Control 29AV-WH Passive Loudspeaker



## Features:

- Extended bandwidth, extremely smooth frequency response.
- 110° x 85° HF coverage, rotatable horn.
- 110 W transformer for 70 V or 100 V lines, with 8 W thru.
- SonicGuard™ overload protection.
- 200 mm (8 in) Kevlar cone woofer, 25 mm (1 in) titanium diaphragm compression driver.
- Includes InvisiBall™ mounting hardware, plus ten 6 mm attachment points for suspension and optional U-bracket.
- Sealed input panel cover and screwdown input terminals.

## Specifications:

Frequency Range: 37 Hz –18 kHz (-10 dB)

Power Capacity: 300 W Continuous Program Power; 150 W Continuous Pink Noise

Transformer Taps: 70 V: 110 W, 55 W, 28 W & 14 W 100 V: 110 W, 55 W, & 28 W,

Thru Position: 8 ohms nominal

Frequency Response: 45 Hz – 18 kHz ( ± 3 dB)

Maximum SPL @ 1m: Short-Term: 120 dB; Long-Term: 114 dB

Nominal Sensitivity: 90 dB (2.83V / 1m)

Nominal Coverage Angle: 110° H x 85° V, rotatable

Directivity Factor (Q): 7.2 dB, averaged 500 Hz to 16 kHz  
Directivity Index (DI): 8.6 dB, averaged 500 Hz to 16 kHz  
Nominal Impedance: 8 ohms  
Minimum Impedance: 6.3 ohms @ 230 Hz  
Crossover Network: 3rd order High Pass, 2nd order Low Pass with impedance compensation, 2.5 kHz crossover frequency  
Low Frequency: 200 (8 in) kevlar cone with pure butyl rubber surround, 50 mm (2 in) voicecoil on fiberglass former  
High Frequency: 25 mm (1 in) compression driver, pure titanium diaphragm with patented JBL diamond surround  
Enclosure Material: High impact polystyrene  
Grille: Thermoset composite coated steel, WeatherMax multi-layer foam  
Overload Protection: Full-range power limiting to protect network and transducers. Serviceable internal fuse to protect during exceptional overload conditions.  
Environmental: IEC 529 IP-X5 rating. Exceeds Mil Spec 810 for humidity, salt spray, temperature & UV. Passes Mil-Std-202F for salt spray.  
Terminations: Screw-down terminal strip, zinc plated copper base, nickel plated metal screws/washers. Accepts up to 9 mm outside 4 mm inside open lug (#6, #8 or #10 lug), plus bare wire (up to 12 AWG/2.5 mm<sup>2</sup>).  
Safety Agency Rating: Transformer is listed per UL1876  
Colors: Black or white (-WH)  
Dimensions (H x W x D): 520 x 306 x 277 mm (20.5 x 12.0 x 10.9 in.)  
Net Weight (ea): 12.2 kg (26.8 lb.)  
Shipping Weight (ea): 14.0 kg (30.8 lb.)  
Included Accessories: 1 pc MTC-PC2 input panel cover, InvisiBall mounting base, 6 mm x 260 mm InvisiBall Hex wrench.  
Optional Accessories: MTC-29CM to install speaker down from the ceiling  
MTC-29UB U-bracket

UPC 050036903394

[Control 29AV1 Data Sheet](#)