

# JBL CONTROL 31 Specs

Frequency Response	33 Hz to 19 kHz at -10 dB 42 Hz to 14 kHz at $\pm 3$ dB
Power Rating	Continuous: 250 W, Peak: 1000 W, 2 Hours Continuous: 200 W, Peak: 800 W, 100 Hours
Maximum SPL	Continuous: 116 dB, Peak: 123 dB at 1m
Nominal Sensitivity	92 dB
Coverage Angle	110 x 110°
Directivity Factor	5.7, Averaged 500 Hz to 10 kHz
Directivity Index	7.3 dB, Averaged 500 Hz to 10 kHz
Nominal Impedance	8 Ohms
Crossover Type	2nd Order Low-Pass, 2nd Order High-Pass, Plus Conjugate Shaping Circuitry
Transformer Taps	70 V: 150 W, 75 W, 38 W, 19 W 100 V: 150 W, 75 W, 38 W Insertion Loss: <0.65 dB at Any Tap Setting Thru Setting: 8 Ohms Nominal
Recommended Protective	40 Hz (24 dB/oct) for Any

High-Pass	Transformer Tap and for 8 Ohms Operation
Low Frequency Transducer	10" / 250 mm Woven-Fiberglass Cone with Pure Butyl Rubber Surround 2" / 52 mm Voice Coil on High-Temperature Fiberglass Voice Coil Former, Optimized Cone Geometry, Linear Suspension Spider, FEA-Optimized Motor Construction, and Aluminum Ring on Pole Piece
High Frequency Transducer	JBL 2414H-C Compression Driver with 1" / 25 mm Diaphragm and Voice Coil Diameter, High-Temperature Polymer Diaphragm, JBL-Patented Design, Fluid-Cooled
Enclosure	High-Impact Polystyrene (HIPS) with 10% Glass Fill Plus Patent-Pending Internal 5 mm Foamed Polyurethane Secondary Mold for Additional Cabinet Density
Grille	Zinc-Plated and Thermoset-Composite Coated Steel WeatherMax Multi-Layer Foam with Tight-Weave Mesh Vapor Barrier
Installation	InvisiBall Wall-Mounting System Included 10 x 6 mm Attachment Points on Cabinet for Suspending or for Optional U-Bracket 1 x 6 mm Secondary Safety Attachment Point on Back Panel
Environmental	IP55 per IEC529 Exceeds MilSpec 810 for Humidity, Salt Spray, Temperature, and UV Passes MilStd-202F for Salt Spray

---

Termination	Screw-Down Terminal Strip, Zinc-Plated Copper Based, Nickel-Plated Metal Screws and Washers Accepts up to 9 mm Outside and 4 mm Inside Open Lugs (#6, #8, or #10 Lug), Plus Bare Wire (up to 12 AWG / 2.5 mm)
-------------	--

---

Agency Rating	Transformer is Listed per UL1876
---------------	----------------------------------

---

Dimensions	23.3 x 14.6 x 13.5" / 59.3 x 37.2 x 34.5 cm
------------	---

---

Weight	41.5 lb / 18.8 kg
--------	-------------------

---

## Packaging Info

---

Package Weight	47.2 lb
----------------	---------

---

Box Dimensions (LxWxH)	27 x 19 x 18"
------------------------	---------------

---