

# JBL CSS-H30 Specs

## System

---

Frequency Response	-10 dB: 380 Hz to 6 kHz (based on average 1 kHz to 6 kHz sensitivity)
Coverage Pattern	50° (H) x 70° (V) (at 2 kHz and averaged 1 kHz to 4 kHz)
High-Pass Filter	Included: Passive 350 Hz high-pass filter built-in to protect against damage from frequencies below operational range
Directivity Factor	15.8 (2 kHz)
Directivity Index	12 (2 kHz)
Power Rating	30 W (120 W peak), 100 hours ⓘ
Sensitivity	1 W, 2.83 V @ 3.3' (1.0 m): 108 dB, average 1 kHz to 6 kHz; 112 dB at 2 kHz
Maximum SPL	3.3' (1.0 m): 123 dB continuous averaged (129 dB peak), 1 kHz to 6 kHz 127 dB continuous average (133 dB peak), 1.4 kHz, 30 W input, 8 Ω setting ⓘ
Nominal Impedance	30 W / 70 V, NC / 100 V Tap: 167 Ω 15 W / 70 V, 30 W / 100 V Tap: 333 Ω

7.5 W / 70 V, 15 W / 100 V Tap: 667  $\Omega$   
3.8 W / 70 V, 7.5 W / 100 V Tap: 1333  $\Omega$   
1.9 W / 100 V, 3.8 W / 100 V Tap:  
2666  $\Omega$   
8  $\Omega$  at 8  $\Omega$  direct setting

---

Transformer Taps                      70 V: 30 W, 15 W, 7.5 W, 3.8 W, 1.9 W  
100 V: 30 W, 15 W, 7.5 W, 3.8 W

---

## Transducers

---

Driver                                      Full-Range: 1.5" (3.8 cm) diameter  
with phenolic diaphragm

---

## Physical

---

Material                                      Horn: ABS

---

Mounting Hardware                      Stainless steel powder-coated U-  
bracket (yoke) with 3 x 0.41" (1.04  
cm) diameter mounting holes;  
stainless steel exterior hardware

---

Input Connection Type                      12" (30 cm) pigtail to bare wire;  
entrance via water-tight fitting  
Wire colors: Red: Positive (+); Black:  
Negative (-)

---

Environmental                                      IP65 rating per IEC529, salt spray per  
B117, stainless steel U-bracket and  
exterior hardware

---

Safety Agency Approvals                      Transformer UL registered per  
UL1876 "Isolating Signal and

## Feedback Transformers for Use in Electronic Equipment"

---

Dimensions (H x W x D)	Horn Only: 8.2 x 11.2 x 11.3" (20.6 x 28.5 x 28.7 cm) With Mounting Bracket: 8.9 x 11.2 x 11.3" (22.4 x 28.5 x 28.7 cm) (depth excludes cable exit)
------------------------	--

---

Weight	4.5 lb (2.0 kg)
--------	-----------------

---

## Packaging Info

---

Package Weight	6.4 lb
----------------	--------

---

Box Dimensions (LxWxH)	12.8 x 12.6 x 10.4"
------------------------	---------------------

---