

JBL EON 510 Portable Powered Speaker System

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Mfr Part No. EON510

In addition to acoustic performance the EON510 features a top handle grip with non-slip rubber over-molding, ultra light weight, and balanced ergonomics. The new generation of EON products offers true portability and ease of handling. The EON510 is a 10-inch, two-way, powered, portable speaker system. Capable of reproducing full bandwidth sound at high levels it offers the additional utility of a 3 channel built-in mixer.

**Features**

- 280 watt High-Performance Powered Speaker System
- 10" Differential Drive low-frequency driver
- Ultra Light Weight and Extremely Compact
- 19.3 x 12.3 x 10.3 in. (H x W x D), 17.0 lbs

**Detailed Specifications**

<b>Frequency Range</b>	58Hz - 18.5kHz (EQ in 'Flat' position)	<b>Crossover Frequency</b>	1.8kHz
<b>Frequency Response</b>	70Hz - 17kHz (EQ in 'Flat' position)	<b>Loop/Mix Out</b>	Balanced male XLR, +20 dBu (peak) o/p level in MIX position
<b>Coverage Pattern</b>	100° H x 60° V nominal	<b>AC Input</b>	120 – 240 V, 50/60 Hz
<b>Directivity Index</b>	9dB	<b>Driver Details</b>	Speaker : 1.0 x High-frequency driver - 10.0" Titanium silver Speaker : 1.0 x Bass driver - 1.0"
<b>Directivity Factor</b>	8	<b>Boost EQ</b>	LF +3 dB Shelving Filter @ 150 Hz HF +2.5 dB Shelving Filter @ 4 kHz
<b>LF Driver</b>	1 x JBL 261F 254 mm (10 in) Differential Drive integrated woofer with dual 1.5" voice coils.	<b>Low Cut Filter</b>	Preset high pass @ 120 Hz
<b>HF Driver</b>	1 x JBL 2414H-1 25.4 mm (1 in) neodymium compression driver	<b>Weight</b>	17.0 lbs
<b>Amplifier Power LF</b>	220 W continuous at driver impedance	<b>Dimensions</b>	19.3 in x 12.3 in x 10.3 in (H x W x D)
<b>Amplifier Power HF</b>	60 W continuous at driver impedance	<b>Mounting</b>	36 mm pole socket with stabilizing screw, 3 x M10 suspension points, 1 x M10 pull-back point
<b>Signal Indicators</b>	Limit: Red LED indicates input overload condition Signal: Green LED indicates signal present Mic/Line: Red LED indicator		
<b>Input Gain (input 3)</b>	Mic position: -Infinity to +40 dB Line position: -Infinity to +4 dB (+20 dBu Max signal input)		
<b>Input Gain (input 1 &amp; 2)</b>	-Infinity to +4 dB (+20 dBu Max signal input)		
<b>Input Impedance</b>	64 K Ohms (balanced), 32 K Ohms (unbalanced)		
<b>Input 3 connector</b>	Balanced XLR / ¼ inch TRS combo jack with XLR loop through		
<b>Input 1 &amp; 2 connector</b>	¼ inch TRS jack		