

## Application:

Live sound reinforcement, speech, vocals, and music playback in entertainment, A/V, and institutional venues – especially when ease of use, audio quality and portability are important factors.

Amplification, mixing, and monitoring for electronic and electro-acoustic instruments.

## Key Features:

- ▶ The second generation of one of the most successful and influential professional speaker systems ever.
- ▶ 10" Differential Drive® low frequency driver with neodymium magnet for light weight and reduced distortion.
- ▶ 1" JBL compression driver with titanium diaphragm and ferro-fluid cooling.
- ▶ 125 watt low-frequency and 50 watt high-frequency (bi-amplified) amplifiers – Actual power delivered to the drivers.
- ▶ Three inputs. One balanced, mic/line selectable input and one dual-channel, 1/4" TRS phone line-level input.
- ▶ Balanced loop/mix output. "Daisy-chain" additional EON speakers or send the mixed output to a mixing console.
- ▶ 60° x 90° (nominal) constant directivity horn.
- ▶ Thermomaster® Total Thermal Management System®. A single piece, cast-aluminum baffle integrates the woofer frame, horn, and amplifier heat sink. Air movement in the finned ports dissipates heat – no internal or external cooling fans are required.
- ▶ Rugged, lightweight, black co-polymer enclosure.
- ▶ Integral 35 mm pole mount receptacle with securing thumb screw.
- ▶ Multi-angle enclosure for front of house or stage monitor application.
- ▶ For more low-frequency power and performance, add the EONSUB G2.

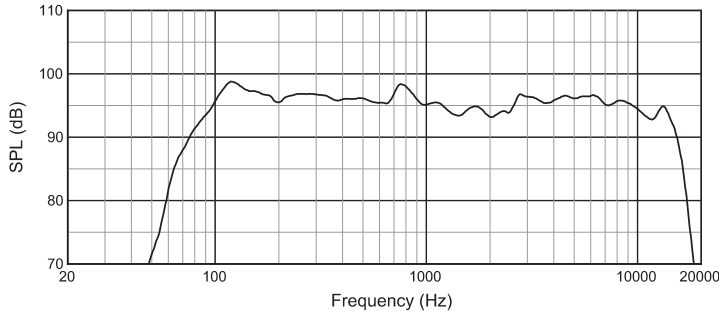


## Specifications

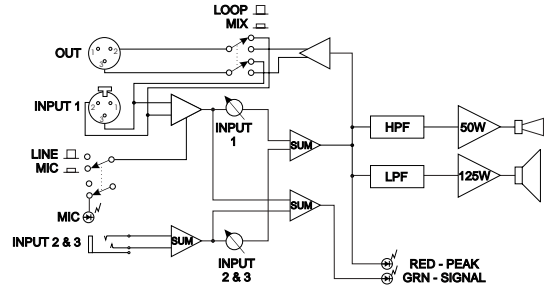
Freq. Range (-10 dB):	65 Hz - 18 kHz
Freq. Response (±3 dB):	90 Hz - 16 kHz
Horz. Coverage (-6 dB):	90° Nominal
Vert. Coverage (-6 dB):	60° Nominal
Rated Maximum SPL:	117 dB, @ 1 m (3.3 ft)
Dimensions (H x W x D):	493 mm x 356 mm x 307 mm (19.4 in x 14.0 in x 12.1 in.)
Net Weight:	10.4 kg (23 lb)
LF Driver:	Integral frame with one 10" (254 mm) driver, neodymium magnet, 1.5" Differential Drive voice coil.
HF Driver:	JBL 2412 1" compression driver, titanium diaphragm, ferro-fluid cooled.
Amplifier Power LF:	125 watts @ low-frequency driver impedance.
Amplifier Power HF:	50 watts @ high-frequency driver impedance.
Input 1 Sensitivity:	-48 dBu to 0 dBu for rated output (Mic/Line switch in MIC position) -6 dBu to +20 dBu for rated output (Mic/Line switch in LINE position)
Input 2 & 3 Sensitivity:	-12 dBu to +20 dBu for rated output
Output Level:	+26 dBu (max), Loop/Mix switch in MIX position
Crossover Frequency:	2.7 kHz
Loop/Mix Out:	XLR/M, balanced
AC Input:	110-230 VAC, 50-60 Hz, 110 watts rating per UL, detachable IEC power cable.

# ▶ EON10 G2 Portable Powered Speaker System

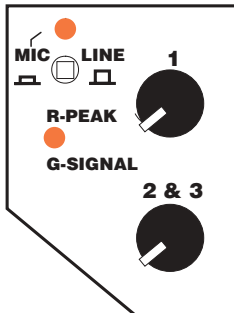
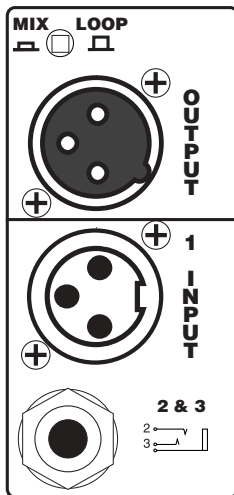
## On Axis Frequency Response



## Block Diagram



## Audio Panel



## Available Accessories

- SS2-BK Tripod Stand
- ESK10 Suspension Kit for EON 10" models
- BRK10 Bracket, adapts EON 10" models to OmniMount® brackets
- EON10 BAG Zippered, plush-lined Cordura® carrying bag for EON 10" models
- EONSUB G2 Powered Subwoofer

*We are constantly improving our products so these specifications are subject to change without notice.*

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Part Number: SSEON10-G2



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