



SPECIFICATIONS

EON15 G2

Freq. Range (-10 dB): 39 Hz - 18 kHz
Freq. Response (± 3 dB): 42 Hz - 17 kHz
Horz. Coverage (-6 dB): 90° Nominal
Vert. Coverage (-6 dB): 60° Nominal
Rated Maximum SPL: 129 dB, @ 1 m (3.3 ft)
Dimensions (H x W x D): 686 mm x 430 mm x 444 mm
(27 in x 17 in x 17.5 in.)
Net Weight: 21 kg (46 lbs.)
LF Driver: Integral frame with one 15" (380 mm) driver, neodymium magnet, 2" Differential Drive voice coil.
HF Driver: JBL 2418H-1 1" compression driver with titanium diaphragm. Ferro-fluid cooled

Amplifier Power LF: 300 watts @ low-frequency driver impedance
Amplifier Power HF: 100 watts @ high-frequency driver impedance
Input 1 Sensitivity: -44 dBu to -22 dBu for rated output (Mic/Line switch in MIC position)
-12 dBu to +20 dBu for rated output (Mic/Line switch in LINE position)
Input 2 & 3 Sensitivity: -18 dBu to +20 dBu for rated output
Output Level: +20 dBu (peak), Loop/Mix switch in MIX position

Audio Connectors: Input 1: XLR/F, balanced
Input 2 & 3: 1/4" Phone, dual-channel (TRS)
Loop/Mix Out: XLR/M, balanced

Active Crossover Freq.: 1.5 kHz
AC Input: 110 - 230 VAC, 50 - 60 Hz.,
175 watts rating per UL, detachable
IEC power cable

EON10 G2

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 lbs.)
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 with 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 (peak), Loop/Mix switch in MIX position

Audio Connectors: Input 1: XLR/F, balanced
Input 2 & 3: 1/4" Phone, dual-channel (TRS)
Loop/Mix Out: XLR/M, balanced

Active Crossover Freq.: 2.7 kHz
AC Input: 110 - 230 VAC, 50 - 60 Hz.,
110 watts rating per UL, detachable
IEC power cable

EONSUB G2

Freq. Range (-10 dB): 40 Hz - 200 Hz
Freq. Response (± 3 dB): 42 Hz - 150 Hz
Sensitivity (1w, 1m): 93 dB SPL
Rated Maximum SPL: 117 dB, @ 1 m (3.3 ft)
Dimensions (H x W x D): 686 mm x 430 mm x 444 mm
(27 in x 17 in x 17.5 in.)
Net Weight: 19.5 kg (43 lbs.)

LF Driver: Integral frame with one 15" (380 mm) driver, neodymium magnet, 2" Differential Drive voice coil.
Amplifier Power: 250 watts @ 2 Ω , no more than 0.1% THD
Low Pass Filter: 125 Hz, active, 2 pole
Enclosure Alignment: 6th order

Input Type: Balanced Differential
Input Sensitivity: Line: +4 dBu (nominal)
Speaker: 20 volts
Input Impedance: Line: 16 k Ω
Speaker: 143 k Ω
Max Input Level: Line: +28 dB
Speaker: 120 VRMS

E-System 15/E-System 10

Item	Qty
JBL EON15 G2 Speakers	2
Soundcraft E8 Mixer	1
AKG D2000S Microphones	2
25 ft. (7.6m) XLR/M to XLR/F Cables	4
JBL E-System User Guide	1
Soundcraft E8 User Guide	1

Item	Qty
JBL EON10 G2 Speakers	2
Soundcraft E6 Mixer	1
AKG D2000S Microphones	2
25 ft. (7.6m) XLR/M to XLR/F Cables	4
JBL E-System User Guide	1
Soundcraft E6 User Guide	1



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Cat EON G2



The Most Sound Per Pound of
Any Comparable Speaker



Plays **Louder** Longer





No Other
Speaker system
In Its Class
Offers The **Versatility**
of **EON G2.**



Urban Legend

Every once in a while, an Urban Legend turns out to be true. Case in point, the EON15 that's been running at full power for 15,000 hours (as this is being written). That's about 36 years worth of week-end gigs.

All JBL Professional speaker designs are subjected to a grueling 100 hour power test before the product goes into production. Once the 100 hours is over, we'll leave a unit running in power test to see how long it goes and what breaks first. Thanks to Thermomaster® (see below) we're still waiting to see what breaks first.

“

SCHOOLS

Until we got our EON G2 System, we had no idea it was possible to have great sound without spending a fortune and hiring experienced operators. Now our assemblies, musical productions and theatricals all sound so professional.

”



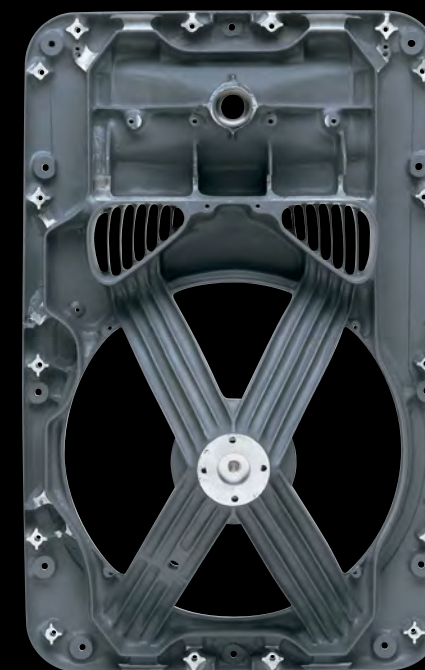
What You Don't See

When you first see EON, you recognize that this is something different. That's because JBL's Thermomaster® Total Thermal Management System® uses a unique, one-piece, aluminum baffle that integrates woofer frame, high-frequency horn, ports, and active cooling system. EON actually uses the movement of air in the finned ports to dissipate amplifier heat so the harder you push EON the better it cools.

You also won't see the neodymium Differential Drive® woofer design. But you'll know it's there every time you pick up an EON15 G2. We've replaced 20 lbs. (91 kg) of conventional magnet with a few ounces of neodymium and reduced both harmonic and flux modulation distortion in the bargain.



The EON15 G2 replaces 20 lbs. (91 kg) of conventional magnet with a few ounces of neodymium.



The EON15 G2 baffle integrates woofer frame, high-frequency horn, ports, and active cooling system.

“

A/V RENTAL

My EON G2s are working all the time on anything from corporate presentations to events to live musical performances. Even inexperienced users can set up an EON system with great results.

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E-System 15

A complete live sound system featuring a pair of JBL EON15 G2s. Everything you need is included: Soundcraft E8 mixer, two AKG D2000S dynamic hypercardioid microphones and all the audio cables to hook it up. Plus you get the comprehensive E-System User Guide with clear, step-by-step instructions that will have you mixing like a seasoned pro in no time.



E-System 10

A complete live sound system featuring a pair of JBL EON10 G2s. Everything you need is included: Soundcraft E6 mixer, two AKG D2000S dynamic hypercardioid microphones and all the audio cables to hook it up. Plus you get the comprehensive E-System User Guide with clear, step-by-step instructions that will have you doing your first mix in record time.



EON15 G2

400 watts of bi-amplified power, a built-in 3 channel mixer, and a 15", high-tech, neodymium Differential Drive® woofer. A great choice for full-range music playback, sound reinforcement for live music, amplification of electric and electronic musical instruments, or speech. Heavy on features and performance, light in weight – just 46 lbs.



EONSUB G2

250 watts of rock-the-house bottom end. A pair of EONSUB G2s and a pair of EON10 G2s is a combo you've got to hear.



EON10 G2

175 watts of bi-amplified power, a built-in 3 channel mixer, and a 10", high-tech, neodymium Differential Drive® woofer. Amazing performance from an easy to move, easy to use 23 lb. (10.4 kg) package. A great choice for speech and vocals, acoustic music performance, stage monitor, DJ booth monitor or as a satellite over a subwoofer.



TWO COMPLETE SYSTEMS. 10 AND 15 INCH POWERED SPEAKERS. A HEART STOPPING SUBWOOFER. THE CHOICE IS YOURS.

Available Accessories



- ESK15: Suspension kit for EON 15 models (pictured above) [except EON 1500]
- ESK10: Suspension kit for EON 10 models
- EON BRK1: Mounting bracket (fixed angle) for EON 15" models
- EON BRK2: Mounting bracket (fixed angle) for EON 10" models
- EON BRK10: Adapts EON 10" models to Omnimount™ 60 series brackets
- EON BRK15: Adapts EON 15" models to Omnimount™ 120 series brackets

Available Accessories



- SS2-BK: Black anodized aluminum tripod speaker stand (pictured above)
- EON10 Bag: Zippered, plush-lined bag for all EON 10" models
- EON15 Bag: Zippered, plush-lined bag for all EON 15" models
- EON15 Bag/W: Wheeled, plush-lined bag for all EON 15" models

EON G2
GENERATION 2

“When you’re gigging here in LA, sooner or later you’re going to get caught in our world-famous traffic. So when I showed up at the club with only 15 minutes to set up the PA, I was sweating it. But my EON15 G2s are so easy to handle and sound so good without any tweaking that I was able to get the PA rocking before the guitar player could finish tuning.”

Great Sound Every Time



Easy To Set Up



Easy To Load Out



With Less Time Spent On Set Up, EON G2 Lets You Focus More On Your Performance

Being an audio technician can be a great career. In fact the support and input of audio technicians has helped make JBL Professional the leader it is today. But if your job is to entertain, entertaining is what you want to focus on. EON G2 lets you start your gig cool, calm and collected so you can do just that.

Cool – because at only 46 lbs (21 kg.) for an EON15 G2, you won’t be sweating the load-in.

Calm – because you know your EON G2 system is going to sound great every time without a lot of external gear to set up, hook up and tweak.

Collected – because with all the moving and set-up made this quick and easy, you’ve got time to work the crowd, fine-tune the set list or book that return engagement.

EON[®]G2
GENERATION 2



“LIVE PERFORMANCE

I’ve hauled around a lot more gear that didn’t sound nearly as good as a pair of EON15 G2s. My band’s set-up and sound check time is way down and the quality of our performance is way up.

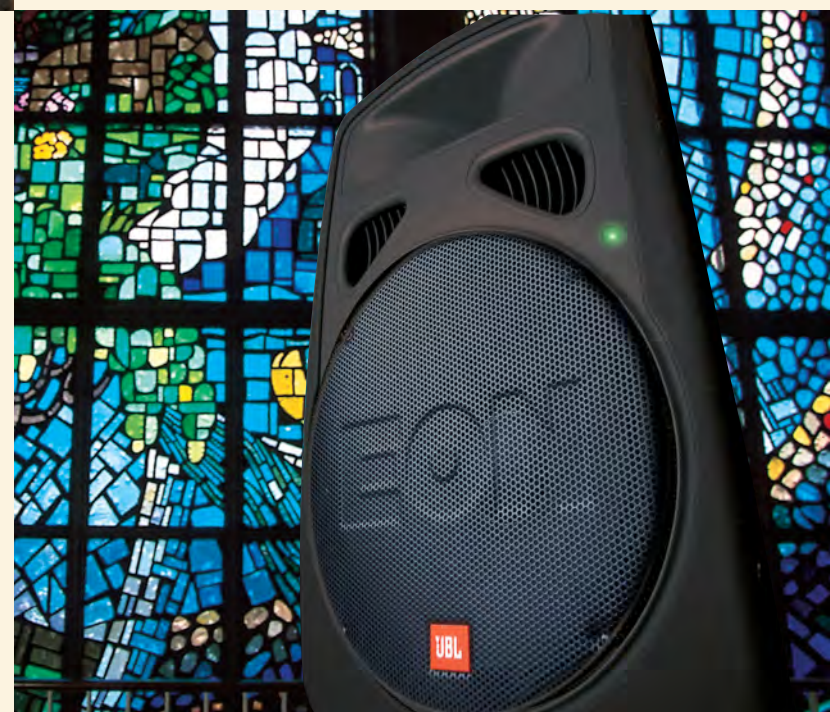
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MOBILE DJ

I’ve had nothing but great comments on the sound of my EON G2s. The bottom end is so strong, people who really know sound won’t believe I’m not using any subs. And the JBL name tells my clients that my service is first rate.

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EON[®]G2
GENERATION 2

JBL
PROFESSIONAL