

JBL EON® 15PAK



SOUND THAT CARRIES



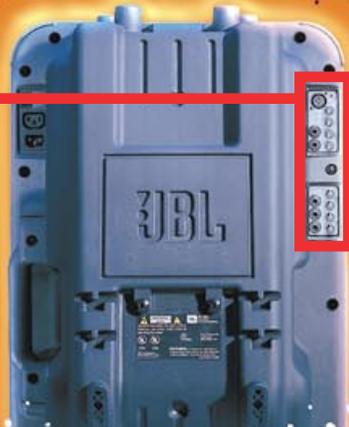
IT STANDS

OUT FROM

ITS COMPETITORS

SO YOU STAND OUT ON STAGE

THE NEW EON® 15PAK



A COMPLETE, COMPACT
P.A. SYSTEM IN ONE PACKAGE...

THE EON® 15PAK ENCLOSURE
COMES WITH EQ AND THREE LINE LEVEL INPUTS
WITH INDIVIDUAL CONTROLS THAT ELIMINATE
THE NEED FOR AN ADDITIONAL MIXER.

PLUG A MIC IN...TURN IT UP...
PERFECT FOR USE IN SCHOOLS
AND HOUSES OF WORSHIP

The EON® 15PAK is just what you'd expect from the newest addition to the JBL EON line of professional sound equipment. Because flexibility, simplicity and portability are what EON is all about. Not to mention great sound. And you haven't heard anything else like it.

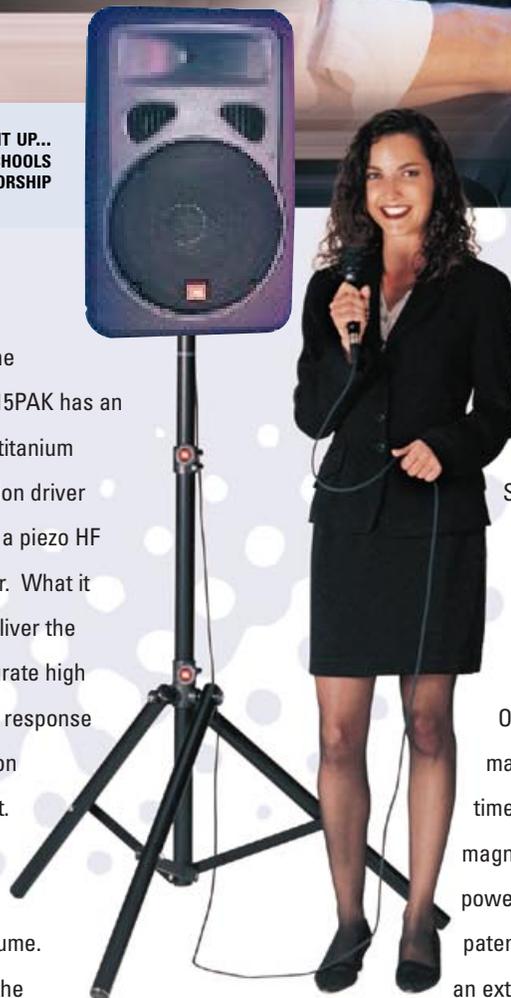
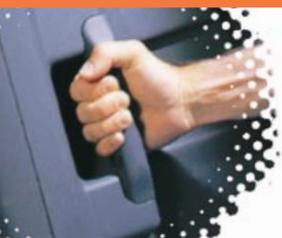
When it comes to designing sound equipment with the features professionals ask for, you won't find a more responsive ear than ours. We listened to what musicians said they wanted and we built it—the new JBL EON 15PAK.

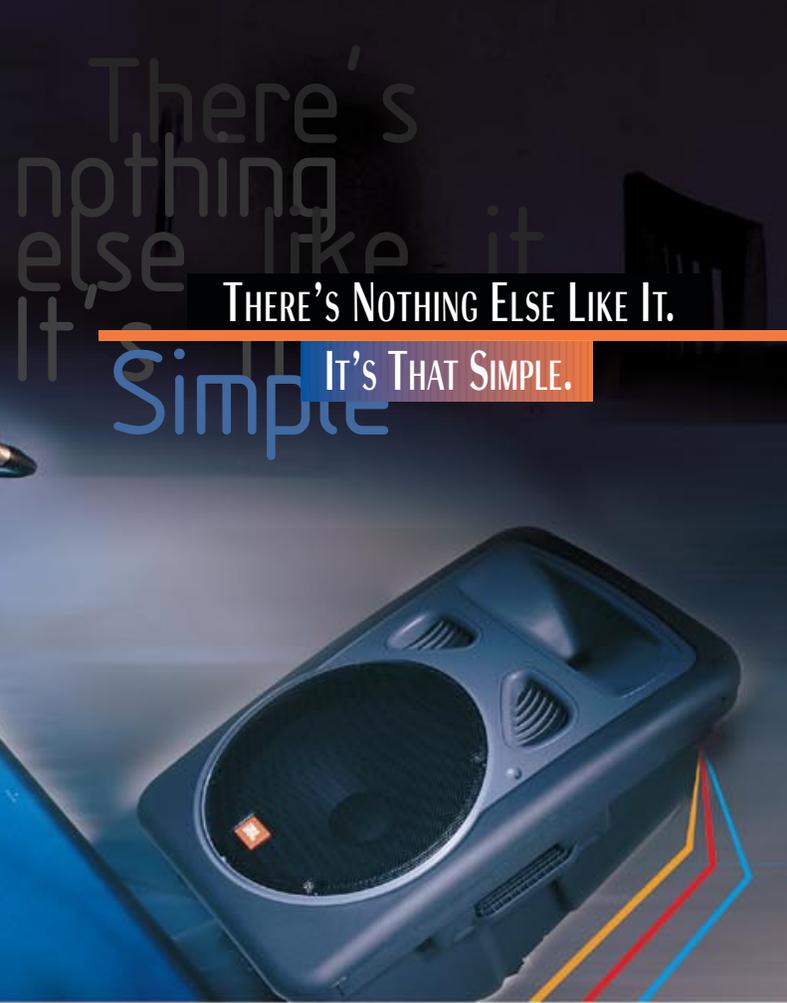
First off, the JBL EON 15PAK has an exclusive titanium compression driver instead of a piezo HF transducer. What it does is deliver the most accurate high frequency response available on the market. Proof? Just turn up the volume. You'll get the cleanest, most efficient, highest output you've ever heard.

Second, you want to be able to carry your speaker/amp without having to pump iron. So we've made the EON 15PAK the lightest in its class—a mere 40 pounds. Now, how do we do that without compromising sound quality? Our woofer has neodymium magnets—they're more than ten times lighter than conventional magnet structures and much more powerful. And they're located in our patent pending Differential Drive™, an extremely light one-and-a-half-pound motor structure. There's also our rugged but lightweight polypropylene enclosure. It all adds up to the lightest product of its kind.

THE EON 15PAK WEIGHS IN AT JUST
40 LBS.—A TECHNOLOGICAL BREAKTHROUGH
WITHOUT COMPROMISING SOUND SUPERIORITY

Easy
Set up





THERE'S NOTHING ELSE LIKE IT.

IT'S THAT SIMPLE.

Simple

THE EON 15PAK HAS THREE LINE LEVEL INPUTS WITH INDIVIDUAL CONTROLS

performance

Third, you asked for pure sound. The JBL EON 15PAK responds with our exclusive internal bi-amplification—a discrete 130 watt low frequency amplifier that works in conjunction with a 50 watt high frequency amplifier. Together, they give you the most accurate reproduction of every frequency in the spectrum, maximum performance, better reliability and greatly reduced distortion at high levels.

Fourth, you asked for more custom control over your sound. For that, we give you 4-band equalization to help you avoid the midrange difficulties often encountered with standard bass and treble controls. You can easily cut or boost specific sounds for a more perfect mix.



MONITOR POSITION

Reliability

Finally, you want to be able to push your speakers to the max without having to worry about heat, the #1 enemy of loudspeakers. That's where our Thermomaster® Total Thermal Management System® comes in. It's the most efficient way to keep amps cool no matter how hard you pump them. The design features tuned ports with aluminum fins that automatically draw heat away from the compression driver, woofer and amplifier. Amazingly, the louder you play the speaker, the better these ports work to dissipate the heat. So the possibility of a thermal overload is virtually eliminated.

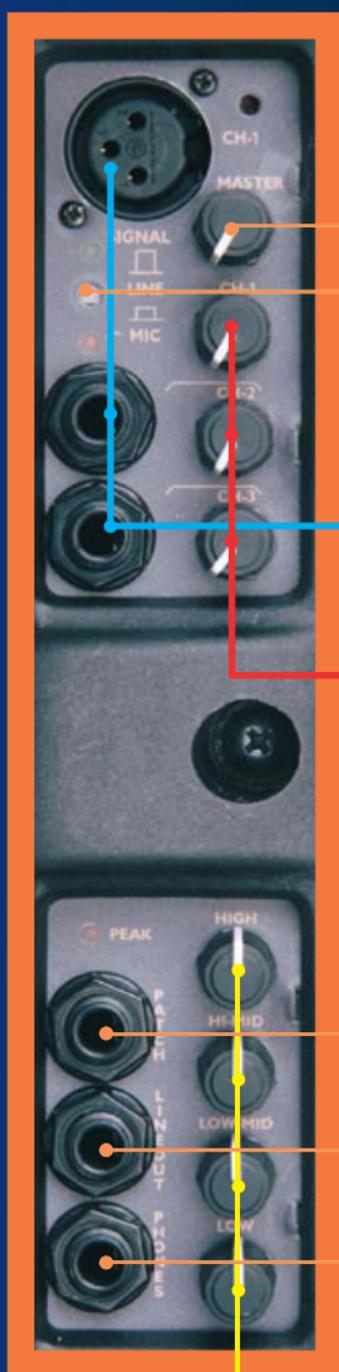


DIECAST ALUMINUM Baffle

And there's plenty more. Like the way our exclusive award-winning design lets you use the JBL EON 15PAK in both monitor and upright positions with no additional stands or hardware. There's also a special pole mount. A built-in submixer eliminates the need for additional components. And you'll find two 1/4" line-level inputs with individual and master volume controls, one switchable XLR input, an effects loop and line-level output for direct connection to the console. Everything you need in one place. Solo musicians will also appreciate the simplified set-up. A microphone, synthesizer and drum machine can all be connected simultaneously. There's even a headphone jack that lets you check levels or practice without using the speakers.



input controls



MASTER VOLUME CONTROL

MIC/LINE SWITCH

3 INPUT CONNECTORS:
1 LOW IMPEDANCE XLR
2 UNBALANCED 1/4"

INDIVIDUAL INPUT
LEVEL CONTROLS

EFFECTS PATCH
CONNECTOR

LINE OUT JACK

HEADPHONE JACK

4-BAND EQUALIZATION ASSURES MORE
CUSTOM CONTROL, ESPECIALLY IN THE
DIFFICULT MIDRANGE FREQUENCIES

OUR EXCLUSIVE TITANIUM COMPRESSION DRIVER
ENSURES THE CLEANEST, MOST ACCURATE
HIGH FREQUENCY RESPONSE AVAILABLE

INTERNAL BI-AMPLIFICATION
GUARANTEES PURE SOUND
ACROSS THE SPECTRUM
AND REDUCED DISTORTION
AT HIGH LEVELS

NEODYMIUM MAGNETS
WITH 10 TIMES THE
STRENGTH OF CERAMIC
MAGNETS AT
1/10TH THE WEIGHT





Technical Specifications

Performance

Frequency Range (-10dB):	47 to 18kHz
Frequency Response (-6dB):	60 to 17kHz
Long-Term Continuous SPL:	121 dB (@ 1m)
Long-Term Peak SPL:	127 dB (@ 1m)

CONTROLS & INDICATORS

Switches & Controls:	Individual and Master Level Controls Mic/line switch (Ch. 1 only) EQ boost/cut controls
Indicators:	Power LED (front panel) Signal present LED Peak level LED Mic/line status LED (Ch. 1 only)
Power Switch:	On rear panel

INPUT

Audio/Input Connectors:	<u>Balanced differential for line and mic, one female XLR-type</u>	
Channel 1		
Input Impedance:	Line: 47 kohms	Mic: 2.5 kohms
Sensitivity:	Line: +4 dBu	Mic: -60dBu
Maximum Input Level:	Line: +29 dBu	Mic: +3 dBu
Channel 2 & 3	<u>Balanced or unbalanced line, two TRS 1/4" F</u>	
Input Impedance:	20 kohms	
Sensitivity:	+4 dBu	
Maximum Input Level:	+21 dBu	

PROTECTION

Input Protection:	RFI and level protected
Over Excursion Prevention:	2nd order high-pass filter
Low Line Voltage Shutdown:	At 50% of nominal line voltage
Thermal Protection:	Amplifier shutdown and auto reset
Muting:	5 seconds at turn-on

Low Frequency Transducer

Diameter: 380 mm (15 in)

High Frequency Driver & Horn

Diaphragm Diameter: 44 mm (1-3/4 in)
Dispersion Angle (H x V): 90° x 60°

AC Line Input Power

Nominal Input Voltage:
US: 120 V, 60 Hz
Europe: 230 V, 50 Hz
Japan: 100 V, 50/60 Hz
Korea: 220 V, 60 Hz

AC Input Connector:
Input: EIA male socket
Loop-through to additional EON power speaker:
EIA female socket (not switched)

Low Frequency Power Amplifier

Rated Power: 130 watts
Rated THD: 0.1%

High Frequency Power Amplifier

Rated Power: 50 watts
Rated THD: 0.1%

Physical Properties

MOUNTING

Speaker Stand: Socket for 35mm (1-3/8 in) diameter
JBL MT4612 BK-EX or equivalent

MATERIALS

Front Baffle: Diecast aluminum
Enclosure: UL 94HB polypropylene

GENERAL

Cable Dress Channels: Channels for dressing of power and input cables
Enclosure Geometry: Semi-trapezoidal with side-flanges. Sits upright or leans back for monitor application
Handle: Left handle at center of gravity, grasping detail on right side
Dimensions (H x W x D): 723 x 482 x 420 mm (27.5 x 17 x 17.5 in)
Internal Volume: 57 liters (2 cubic feet)
Weight: 21 kg (47 lbs)



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■ A Harman International Company



Sound that Carries

S O U N D T H A T C A R R I E S

