

# S15XT



# EON

# EON515XT

## THE TOUGHEST, SMARTEST AND MOST IMPRESSIVE EON EVER!

Self Powered 15" Two-Way Loudspeaker

Frequency Response (+/- 3 dB: 42 Hz - 18 kHz)

Max SPL 132 dB

Intuitive onboard 3 Channel Mixer with user Adjustable Bass and Treble Controls

Highly designed composite enclosures for **Durability, Lightweight, and Precise acoustic performance**

The EON515XT was engineered for durability, high performance and ease of use. We've extended the reach of the current EON technology by improving input sensitivity, lowering the noise floor, adding user selectable EQ control, and re-voicing the system for peak performance and enhanced audio precision. The sturdy construction and superior ergonomic design will guarantee a lifetime of reliability and simplicity. Put it all together and the EON515XT is the toughest, smartest and most impressive EON ever.



## TOUR TESTED COMPONENTS

Differential Drive® woofers, integral to the tour standard JBL VERTEC® systems, provide the DNA for EON515XT's low frequency driver. These patented low-frequency drivers utilize neodymium magnets and dual voice coils to provide peak performance at a fraction of the weight of conventional drivers. JBL's next generation neodymium compression drivers deliver stunningly accurate high frequencies through a new 1.5" annular polymer diaphragm design.



## POWERED BY CROWN®

JBL and Crown collaboration results in designs of superior integration and efficiency. The EON515XT engine features a proprietary Crown Class-D amplifier that is perfectly matched to the system's driver components. Expertly engineered, the Crown amplifier is masterful at managing high heat levels and huge dynamic peaks; conditions that can cause unwanted distortion.



ONBOARD  
**3** CHANNEL  
MIXER

## ONBOARD 3 CHANNEL MIXER PUTS YOU IN CONTROL

The intelligent design of the EON515XT's onboard mixer is perfectly suited to accommodate multiple input sources simultaneously. With two, 1/4" TRS Phone jacks and one Neutrix combination jack, the mixer is capable of blending 3 discrete sources. The convenient "loop-through" option allows for additional signal routing while the global Bass and Treble feature puts you in immediate control.

Individual Channel Volumes let you blend 3 discrete audio sources

2 x 1/4" TRS Phone jacks, 1 x XLR / TRS combination jack allows for universal connectivity

Global Bass and Treble puts you in control of the sound

Convenient "Loop Through" Connection lets you "Daisy-Chain" speakers or route the signal to another destination



## SENSIBLY PORTABLE

NET WEIGHT ONLY

**14.8 kg**  
**32.5 lbs**



The 515XT system is comprised of carefully chosen light weight components, multiple grip points designed for comfort, safety and balance and a highly engineered polypropylene enclosure making EON515XT one of the lightest sound reinforcement systems to transport or deploy.

## DELIBERATELY UNIVERSAL



## EXTREMELY DURABLE

Before the first EON515XT is shipped the design has endured JBL's rigorous battery of quality control tests. World famous, the brutal "100 Hour Full Power" examination takes the electronics and drivers to their absolute limits. Harsh environmental tests expose any engineering or material weaknesses and extreme impact analysis reveal any structural flaws. EON515XT embodies the excellence in design and commitment to quality that JBL has delivered for over 65 years.

The universal mounting capabilities make the EON515XT perfect for live performers, fixed installations or commercial A/V rental companies. Whether you use the speaker on a tripod stand, mounted on a subwoofer with a pole, in the floor monitor position or in a fixed position suspended by the M10 points, you can count on superior and reliable performance.

## APPLICATIONS



Bands | Nightclubs | Houses of Worship | Musician's Personal Monitor | Gyms | Social Meeting Facilities | A/V Rental | Mobile DJ's | Presentations

## STANDARD MODELS

## DESCRIPTION SPECIFICATION

EON515XT



|                                    |  |
|------------------------------------|--|
| <b>System Type:</b>                | Self-Powered 15", Two-Way, Bass-Reflex   |
| <b>Maximum SPL Output:</b>         | 132 dB   |
| <b>Frequency Range (-10 dB):</b>   | 39 Hz – 20 kHz   |
| <b>Frequency Response (±3 dB):</b> | 42 Hz – 18 kHz   |
| <b>EQ:</b>                         | Individual Bass and Treble controls, center detent, +/-6 dB cut and boost                  |
| <b>Amplifier Design:</b>           | Crown® Class-D   |
| <b>System Power Rating:</b>        | 625 Watts (525 + 100)  |
| <b>LF Driver:</b>                  | 1 x JBL 265F-1 380 mm (15") Differential Drive® integrated woofer with dual 2" voice coils |
| <b>HF Driver:</b>                  | 1 x JBL 2414H 37.5 mm (1.5") annular polymer diaphragm, neodymium compression driver       |
| <b>Coverage Pattern:</b>           | 100° x 60° nominal   |
| <b>Crossover Frequency:</b>        | 1.7 kHz  |
| <b>Enclosure Material:</b>         | Polypropylene, multi-purpose main & monitor  |
| <b>Suspension / Mounting:</b>      | 36 mm pole socket with stabilizing screw, 5 x M10 suspension points                        |
| <b>Handles:</b>                    | One left / right side, one on top, with rubber grip  |
| <b>Finish:</b>                     | Black Granite  |
| <b>Grille:</b>                     | Powder coated perforated steel with acoustically transparent cloth backing                 |
| <b>Dimension (H x W x D):</b>      | 673 mm x 406 mm x 368 mm (26.5" x 16" x 14.5")   |
| <b>Net Weight:</b>                 | 14.8 kg (32.5 lbs.)  |