

EON ONE Compact

All-In-One Rechargeable Personal PA



HIGHLIGHTS ■

Professional Performance In a Small Package

Highest-in-class max SPL of 112dB and best-in-class bass response of 37.5Hz in an ultra-compact package

Bluetooth® Audio Streaming and Control

Pair a Bluetooth device for audio streaming to and DSP control of up to four units using the JBL Compact Connect app, available for iOS® and Android™ devices

Full-Featured Digital Mixing

Full-featured 4-channel digital mixer with built-in effects, phantom power, music ducking, bass and treble control

Up to 12 Hours Playtime per Charge

Rechargeable battery provides long lasting performance and is easily swappable

The JBL EON ONE Compact packs a professional-grade loudspeaker, a full-featured 4-channel digital mixer and Bluetooth audio streaming and control into our most compact battery-powered PA yet, weighing in at just under 18 pounds. Quickly and effortlessly get great sound with the integrated premium effects and presets that can be customized right from a phone or tablet using the JBL Compact Connect app. Presenters, fitness instructors and emcees will appreciate EON ONE Compact's ducking feature, which lowers background music volume when speech input is detected. Broadcast music playback over Bluetooth to up to 4 EON ONE Compact speakers, or expand the system using the pass thru output jack. Get amazing sounds fast with Lexicon and dbx inspired effects and presets. Whether you're a singer-songwriter, DJ, presenter, fitness instructor, or you just want to enjoy amazing sound on the go, the JBL EON ONE Compact delivers big sound in a highly portable package.

KEY MESSAGES ■

WORLD-CLASS ACOUSTIC PERFORMANCE

The EON ONE Compact may be small enough to carry in one hand, but its sound is big enough to fill the room. You'll be amazed at the 112 decibels of rich, crystal-clear sound produced by this ultra-compact system. Its 8-inch woofer extends low-end response to 37.5 Hz—nearly an octave lower than other PAs in its class.

CLASS-LEADING CONNECTIVITY

The EON ONE Compact offers more inputs than any system in its class. Two XLR/TRS combo jacks, one 1/4-inch hi-Z guitar input and one 1/8-inch aux input connect microphones, line-level instruments and audio playback sources; phantom power supports condenser microphones, and pro-grade preamps deliver full, rich sound from any microphone. Plus, a 1/4-inch pass thru jack lets you expand your system with additional EON ONE Compact units. Use the built-in headphone jack to rehearse privately or dial in presets before performances. Two high-power USB 3.0 ports allow high-speed charging of tablets, phones and select DJ devices.

IN THE BOX ■

EON ONE Compact Portable PA System
Rechargeable Battery
IEC Charging Cable
Quickstart Guide

TOTAL CONTROL AT YOUR FINGERTIPS

The JBL Compact Connect app allows for quick setup by selecting and controlling effects and presets right from a phone or tablet. Broadcast Bluetooth provides the ability to sync and control up to four EON ONE Compact units from one single source for music playback.

BATTERY POWERED

Play more sets and teach more classes, confident in EON ONE Compact's 12-hour battery life. Swap out batteries in seconds—no tools necessary—and charge batteries in just 2.5 hours, without degrading battery life. You can even charge while the system is in use! Additional batteries available separately.

ROBUST AND RELIABLE

Like every JBL speaker, the EON ONE Compact undergoes 100 hours of stress testing to ensure that it'll perform flawlessly in real-world conditions. The system is encased in a light, durable polypropylene shell that's rugged enough to handle the toughest gigs yet elegant enough to display in a home.

EON ONE Compact



All-In-One Rechargeable Personal PA

APPLICATIONS ■

APPLICATION EXAMPLE 1

Singer-songwriters or emcees looking for a highly portable, easy-to-use PA system for small gigs.

APPLICATION EXAMPLE 2

Fitness instructors or coaches looking for an easy-to-use, all-in-one PA with music playback and ducking.

APPLICATION EXAMPLE 3

Corporations or hotels looking for a compact, all-in-one PA system that's easy to set up and operate.

APPLICATION EXAMPLE 4

Educators/presenters in need of a small-format PA system with great sound and built-in music ducking.

FEATURES ■

- 112 dB output—the highest volume in its class
- 8-inch woofer with deep low-frequency performance down to 37.5 Hz
- Ultralight unit weighs just 17.6 pounds (8 kg)
- Set up quickly and easily using JBL Compact Connect app presets
- Sound your best with professional effects including EQ, reverb, chorus and delay
- Balance your volume levels with built-in 4-channel mixer
- Optimize your sound with 8-band output EQ, customizable via presets
- Stream music from your phone or tablet via Bluetooth to up to four EON One Compact units
- Operate two EON ONE Compact units in stereo mode
- Two pro-grade preamps deliver fuller, richer sound from any microphone
- Connect mics, instruments and playback devices with two XLR/TRS combo jacks, one 1/4-inch hi-Z guitar input and one 1/8-inch (3.5 mm) aux input
- Phantom power supports condenser mics
- One-touch ducking feature automatically lowers music volume when speech input is detected, ensuring every word is heard clearly
- Two USB 3.0 ports allow high-speed charging of external devices
- Tool-free, swappable battery provides up to 12 hours of playback
- Fast battery charging—just 2.5 hours
- Two performance orientations: monitor and vertical; tuning and mixer displays automatically adjust
- Headphone jack allows private monitoring for practice sessions and managing presets
- 1/4-inch pass thru output allows system expansion with additional EON ONE Compact units
- Convenient, built-in tilting tablet stand orients to front or back of system
- Built-in pole mount expands configuration options
- External battery charger option available separately
- Ergonomic handle and even weight distribution make carrying the system a breeze
- Optional accessories:
 - Spare battery
 - Dual battery charger
 - USB 9V DC power cable for powering AKG DMS wireless systems and select DigiTech and DOD guitar pedals
 - USB 12V DC power cable for powering AKG WMS wireless systems

TECHNICAL SPECIFICATIONS ■

EON ONE COMPACT SYSTEM

SYSTEM TYPE:	Self-powered, two-way, 8" woofer, 1" tweeter
MAX SPL:	112 dB
FREQUENCY RESPONSE:	37.5 Hz – 20 kHz
POWER RATING:	150W peak
COVERAGE PATTERN:	100° x 60°
INPUTS:	2x XLR/TRS combo jacks, 1x 1/4" hi-Z, 1x 1/8" aux
OUTPUTS:	1x 1/8" headphone, 1x 1/4" pass thru
MIXER:	4 channels
EFFECTS:	Reverb, delay, chorus
BLUETOOTH:	Audio streaming and full control; range: 10 m (30 ft)
USB:	2x external charging ports: port 1 = 5V, 2A; port 2 = 5V, 1A
BATTERY CHARGE TIME:	2.5 hours with no signal, 6 hours with signal
BATTERY LIFE:	Up to 12 hours
NET WEIGHT:	8 kg (17.63 lb)
DIMENSIONS (D x W x H):	291 x 255 x 399 mm (11.46 x 10.04 x 15.71 in)

OPTIONAL EXTERNAL DUAL BATTERY CHARGER

POWER DRAW:	USB type A to 5.5 mm barrel jack
BATTERY CHARGE TIME:	1 battery = <3.5 hours, 2 batteries = <7 hours
DIMENSIONS (D x W x H):	171 x 220 x 67 mm (6.72 x 8.65 x 2.62 in)

OPTIONAL USB POWER CABLES

CONNECTORS:	70W
VOLTAGE (UP-CONVERT):	5V to 9V (9V DC cable); 5V to 12V (12V DC cable)
OUTPUT CURRENT:	1300mA
LENGTH:	1 m

ORDER SPECIFICATIONS – SYSTEM ■

EON ONE COMPACT SYSTEM

BOX DIMS (L x W x H):	392 x 352 x 490 mm (15.43 x 13.86 x 19.29 in)
SHIPPING WEIGHT:	10.66 kg (23.5 lb)
COUNTRY OF ORIGIN:	CN
UPC CODE:	EK: 691991016295 NA: 691991016288 AU: 691991016271 CN: 691991016264

ORDER SPECIFICATIONS – ACCESSORIES ■

SPARE BATTERY

BOX DIMS (L x W x H):	169 x 82 x 47.5 mm (6.65 x 3.23 x 1.87 in)
NET SHIPPING WEIGHT:	514 g (18.13 oz)
CASE PACK QUANTITY:	16 pcs.
CASE PACK DIMS (L x W x H):	358 x 338 x 135 mm (14.09 x 13.31 x 5.31 in)

CASE PACK GROSS WEIGHT:

WEIGHT:	8.23 kg (18.14 lb)
COUNTRY OF ORIGIN:	CN
UPC CODE:	691991033834

USB 9V DC POWER CABLE

PACKAGE DIMS (W x H):	120 x 150 mm (4.72 x 5.91 in)
NET SHIPPING WEIGHT:	39.3 g (1.39 oz)
CASE PACK QUANTITY:	70 pcs.
CASE PACK DIMS (L x W x H):	370 x 260 x 160 mm (13.05 x 9.17 x 5.64 in)

CASE PACK GROSS WEIGHT:

WEIGHT:	3.15 kg (6.94 lb)
COUNTRY OF ORIGIN:	CN
UPC CODE:	691991033865

EXTERNAL DUAL BATTERY CHARGER

BOX DIMS (L x W x H):	294 x 183 x 72 mm (11.57 x 7.20 x 2.83 in)
NET SHIPPING WEIGHT:	1.271 kg (2.80 lb)
CASE PACK QUANTITY:	8 pcs.
CASE PACK DIMS (L x W x H):	385 x 315 x 340 mm (15.16 x 12.40 x 13.39 in)

CASE PACK GROSS WEIGHT:

WEIGHT:	10.94 kg (24.11 lb)
COUNTRY OF ORIGIN:	CN
UPC CODE:	EK: 691991034565 NA: 691991034558 AU: 691991034572 CN: 691991034589

USB 12V DC POWER CABLE

PACKAGE DIMS (W x H):	120 x 150 mm (4.72 x 5.91 in)
NET SHIPPING WEIGHT:	39.3 g (1.39 oz)
CASE PACK QUANTITY:	70 pcs.
CASE PACK DIMS (L x W x H):	370 x 260 x 160 mm (13.05 x 9.17 x 5.64 in)

CASE PACK GROSS WEIGHT:

WEIGHT:	3.15 kg (6.94 lb)
COUNTRY OF ORIGIN:	CN
UPC CODE:	691991033858



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EON ONE Compact Accessories

Rechargeable Battery, Dual Battery Charger and USB Power Cables



RECHARGEABLE BATTERY



Be prepared for any gig and increase the run time of an EON ONE Compact system with additional EON ONE Compact rechargeable batteries. Each lithium-ion battery provides up to 12 hours of run time per charge for exceptionally long run time capabilities.

FEATURES ■

- Lithium-ion battery provides efficient power and long charge retention
- Up to 12 hours of run time per charge

DUAL BATTERY CHARGER



Externally Charge EON ONE Compact batteries using the EON ONE Compact dual battery charger. This dual-slot high-current charger externally charges up to two EON ONE Compact batteries to full capacity in <7 hours.

FEATURES ■

- Charges one battery in <3.5 hours or two batteries in <7 hours
- Supports international power mains (100 – 240V)

USB POWER CABLES



9V DC



12V DC

FEATURES ■

- Powers an AKG wireless system, DigiTech pedal or DOD pedal from a JBL EON ONE Compact for greater setup flexibility and freedom while performing
- USB A to 5.5 mm power terminal
- 1300ma output
- 9V DC center-negative cable powers AKG DMS wireless systems and select DigiTech and DOD pedals, including the Whammy (5th Gen), TRIO+ Band Creator, Bass Whammy and more
- 12V DC center-positive cable powers AKG WMS wireless systems
- Length: 1 meter

With a USB A connector that plugs into the EON ONE Compact speaker and a 5.5 mm power terminal that connects to a compatible HARMAN device, the JBL EON ONE Compact USB power cables allow you to easily power an AKG DMS or WMS wireless system or DigiTech or DOD guitar pedal directly from your JBL EON ONE Compact battery-powered portable PA.

Note: For use with select HARMAN products only.

EON ONE Compact Accessories

Rechargeable Battery, Dual Battery Charger and USB Power Cables



TECHNICAL SPECIFICATIONS ■

BATTERY

BATTERY TYPE:	Rechargeable lithium-ion (cylindrical cell)
CAPACITY:	6300mAh
NOMINAL VOLTAGE:	14.8V
STANDARD DISCHARGE:	1240mA
CHARGING TEMPERATURE RANGE:	0°C – 42°C (32°F – 108°F)

DISCHARGING TEMPERATURE RANGE:	-20°C – 45°C (-4°F – 113°F)
STORAGE:	Store in a cool, dry and well-ventilated area
BATTERY RUN TIME:	Up to 12 hours
NET WEIGHT:	600 g (21.16 oz)
DIMENSIONS (D x W x H):	30 x 157 x 71.5 mm (1.18 x 6.18 x 2.81 in)

DUAL BATTERY CHARGER

CHARGER TYPE:	Rapid dual battery charger
CHARGE TIME:	Externally charges one EON ONE Compact battery to full capacity in <3.5 hours or two batteries in <7 hours
NOMINAL CHARGING VOLTAGE:	14.4V
NOMINAL CHARGING CURRENT:	3A

POWER RATING:	86.4W
BATTERY PLACEMENT POSITION:	Vertical-slotting
OPERATING VOLTAGE:	100 – 240V
NET WEIGHT:	748 g (26.38 oz)
DIMENSIONS (D x W x H):	170.7 x 219.7 x 66.5 mm (6.72 x 8.65 x 2.62 in)

USB 9V DC POWER CABLE

CONNECTORS:	USB type A to 5.5 mm barrel jack
VOLTAGE (UP-CONVERT):	5V DC to 9V DC
OUTPUT CURRENT:	1300mA
BARREL JACK SIZE:	5.5 mm (outer diameter)
BARREL JACK POLARITY:	⊕ — ⊖
MATERIAL:	PVC cover, black
COMPATIBILITY:	Supports AKG DMS Series wireless systems and 9V DC-compatible Digitech and DOD pedals
LENGTH:	1 m

USB 12V DC POWER CABLE

CONNECTORS:	USB type A to 5.5 mm barrel jack
VOLTAGE (UP-CONVERT):	5V DC to 12V DC
OUTPUT CURRENT:	1300 mA
BARREL JACK SIZE:	5.5 mm (outer diameter)
BARREL JACK POLARITY:	⊖ — ⊕
MATERIAL:	PVC cover, black
COMPATIBILITY:	Supports AKG WMS Series wireless systems
LENGTH:	1 m



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