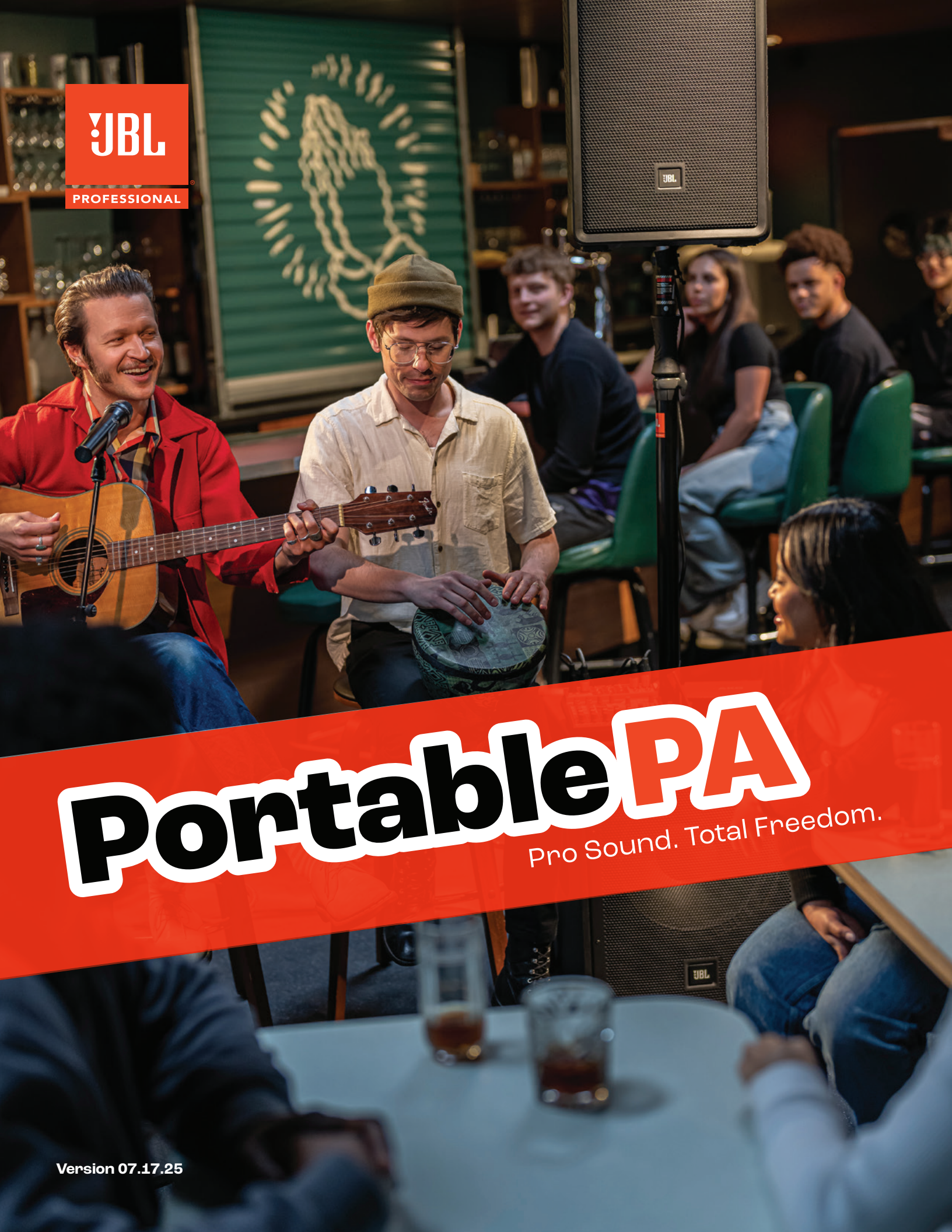

JBL
PROFESSIONAL
Portable PA
Pro Sound. Total Freedom.
Version 07.17.25

Content Guide

About JBL 3

PPA Comparison Chart 4

Proven Performance 5

Pick Your Perfect PPA 6-7

JBL Testing 8

Warranties 9

EON ONE Compact 10-11

EON ONE MK2 12-13

IRX ONE 14-15

PRX ONE 16-17

IRX Series 18-19

EON700 Series 20-21

PRX900 Series 22-23

Pro Connect App 24-25

Accessories 26-27



Portable PA

Pro Sound. Total Freedom.

Sound Like a Pro, Wherever You Go

For over 75 years, JBL has been a leading engineer in sound from the solo artist to the largest venues in the world. We proudly extend that legacy with best-in-class portable PA (PPA) systems that are powerful, personal, and built for everyday use. Whether rocking a DJ set, playing live gigs, or teaching a class, from the largest stadiums to the most intimate cafes, JBL Professional elevates your performance while streamlining setup so you can focus on the moment, not the gear.



Top 5 Reasons to Choose JBL Portable PA Systems

1. World-Class Acoustics
JBL is continually evolving and perfecting the art of audio clarity to ensure unbeatable acoustic performance. It's the signature innovation of all JBL portable PA systems.

2. Flagship Touring Technologies
Our systems utilize many of the same flagship touring technology innovations driving the largest shows on the planet, including advanced image control waveguides, amplifiers, DSP, and cabinets.

3. Unparalleled Amplification
JBL's Class D amplifiers ensure our custom driver packages can deliver maximum output and dynamic headroom at any volume without ever sacrificing sound quality.

4. Comprehensive Onboard DSP
We include more powerful DSP options to customize your sound, like Automatic Feedback Suppression (AFS) by dbx, Ducking by Soundcraft, and a wide range of Lexicon Pro-inspired effects.

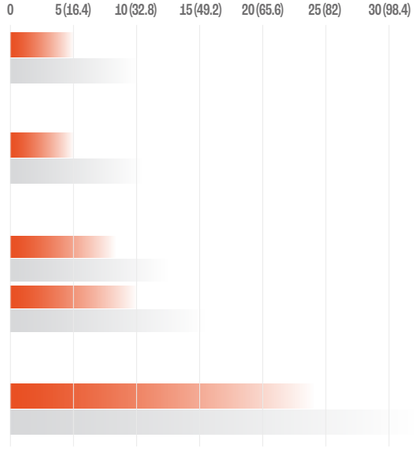
5. Advanced App Connectivity
The JBL Pro Connect App enables advanced control and management of every Pro Connect App-enabled system feature for up to 10 JBL PPA speakers from anywhere in the room.

Comparison Chart

ALL-IN ONE SYSTEMS

	Mixer Type	Mixer Channels	FX	Bluetooth Streaming	Bluetooth Control	Battery Power	USB Power	Max SPL dB	Weight Kg (lbs)
IRX ONE*	Analog	3		●				118	15.5 (34.2)
EON ONE COMPACT*	Digital	4	●	●	●	●	2	112	8 (17.6)
EON ONE MK 2*	Digital	5	●	●	●	●	2	119 Battery 123 Mains	19.3 (42.5)
PRX ONE*	Digital	7	●	●	●		2	130	25.7 (56.7)

IDEAL AUDIENCE DISTANCE m(ft)

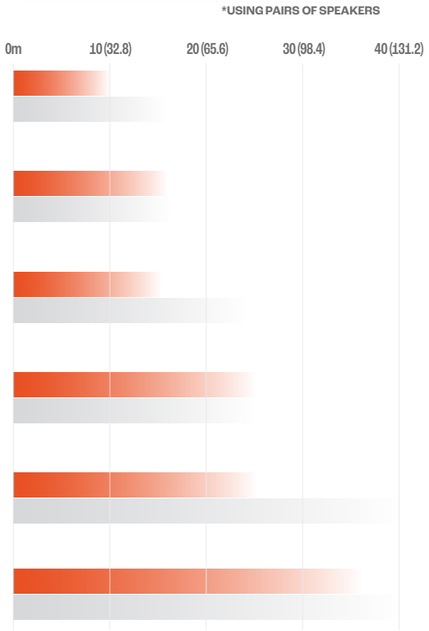


CABINET SYSTEMS

	Inputs (per cabinet)	Onboard EQ	AFS (anti-feedback)	Ducking	Delay	Bluetooth Streaming	Bluetooth Control	Max SPL (dB)	Weight Kg (lbs)
IRX112BT	2	●	●	●		●		124	12.4 (27.3)
IRX112BT +IRX115S SUB	2	●	●	●		●		128	12.4 (27.3) 29.7 (65.5)
EON715	2	●	●	●	●	●	●	128	17 (37.5)
EON715 +EON718S SUB	2	●	●	●	●	●	●	131	17 (37.5) 35.5 (78.3)
PRX915	3	●	●	●	●		●	133	24.1 (53.1)
PRX915 + PRX918XLF	2	●	●	●	●		●	134	24.1 (53.1) 36.3 (80)

IDEAL AUDIENCE DISTANCE* m(ft)

*USING PAIRS OF SPEAKERS



*Can be used in pairs - multiply distances by 1.4

● Models with digital mixers have extensive EQ, Dynamics & FX built in

Live Band / DJ Acoustic Gig / Presentation

Bars represent high output level fading to a clearly audible level

Proven Performance

Built on a History of Innovation.

EON ONE Compact

Awards:
36th NAMM® Tech Award Winner
Red Dot Winner 2020
34th Annual Music and Sound Award

EON ONE MK2

Awards:
Red Dot Award Winner 2022 (Charger)
IF Design Award 2022 (Charger & Speaker)

PRX ONE

Awards:
SOS Winner - Best Live Sound Product
IF Design Award 2022

EON700 Series

Award:
Red Dot Winner 2021

PRX900 Series

Award:
IF Design Award 2022

1947

JBL was Founded by James B. Lansing

1949

JBL Introduces Model A-4 “Voice of the Cinema”

1968

JBL Introduces 4310 Studio Monitor

1969

JBL Makes Woodstock Happen

1995

JBL Introduces EON Loudspeakers

2017

JBL Powers the GRAMMYS and the Super Bowl

2025

Over 2 Million EONs Sold Worldwide









Pick Your Perfect PPA

Battery Powered

- EON ONE COMPACT
- EON ONE MK2

App Controlled

- EON700 Series
- PRX900 Series
- EON ONE MK2
- PRX ONE
- EON ONE COMPACT

Bluetooth Audio

- EON700 Series
- EON ONE MK2
- PRX ONE
- IRX ONE
- IRX100 Series
- EON ONE COMPACT

Venue Size

SMALL (Max SPL 112-128dB)

- IRX ONE
- IRX100 Series
- EON ONE COMPACT

SMALL-MED (Max SPL 123-131dB)

- EON ONE MK2
- EON700 Series

MEDIUM (Max SPL 130dB)

- PRX ONE

LARGE (Max SPL 137dB)

- PRX900 Series

Inputs Needed

2 INPUTS

- IRX100 Series
- EON700 Series

3-4 INPUTS

- EON ONE COMPACT
- IRX ONE
- PRX900 Series

5 OR MORE INPUTS

- EON ONE MK2
- PRX ONE

Road-Worthy, Built-to-Last

Durability you can trust.

Backed by Relentless, Rigorous, Real-World Testing.



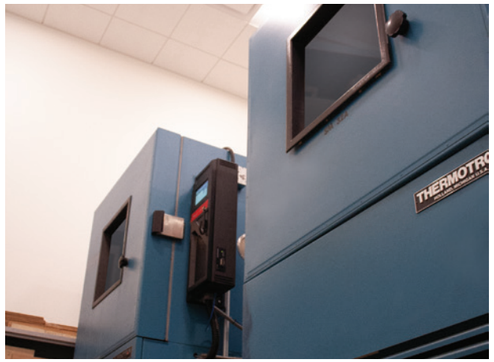
100-Hour Stress Test

Every JBL speaker undergoes an industry-leading 100-hour stress test that pushes components far above and beyond what they will face in the real world, so that you can rely on them with unequivocal confidence.



Rugged Durability

JBL cabinets are road-worthy and built-to-last. They are engineered from extremely rugged materials, including many models utilizing 18-ply birch, optimized internal bracing, and JBL patented Duraflex® paint.



Environmental Testing

To ensure every JBL speaker excels beyond real-world expectations, we put them through a barrage of simulated environmental conditions, including UV exposure, extreme temperatures, seismic activity, aging, drop tests, and more.



Global Compliance

To ensure JBL speakers are certified for the utmost in safety and compliance, they undergo some of the industry's most well-regarded global compliance and certification processes.

Warranties

We've Got You Covered.

Peace of mind, built in.

JBL Performance, Guaranteed.

When you choose JBL, you're not just getting legendary sound—you're getting the confidence that comes with world-class support and industry-leading warranty coverage.

Simple, Hassle-Free Support

Should you ever need us, our global customer support team is ready to assist. Just keep your proof of purchase, register your product if required, and reach out if we can ever be of help.

JBL 3 YEAR WARRANTY

3-Year Warranty Standard Coverage*

Includes:

- IRX ONE
- IRX100 Series
- Batteries

All JBL PPA products include a standard three-year warranty. That means if there's ever a defect in materials or workmanship under normal use, we'll take care of it—no stress, no guesswork.

This 3-year warranty covers:

- Amplifiers and internal electronics
- Enclosures and components
- Bluetooth and wireless functionality (if applicable)

JBL 7 YEAR WARRANTY

7-Year Warranty Extended Confidence*

Includes:

- EON ONE Compact
- EON ONE MK2
- PRX ONE
- EON700 Series
- PRX900 Series

Select JBL PPA models include our limited 7-year warranty and cover the same key components at no additional cost - we're going the extra mile to extend your confidence.

*Terms and conditions apply. Please check with your sales representative on the warranty applicable in your country.



4 Inputs
2 Outputs

12-hour
Battery

Control via JBL
Pro Connect App

All-in-one
Carry

7 Year
Warranty

Bluetooth
Audio

House of Worship

Solo Artist

Outdoor Market

Public Speaking

Fitness

DJ Setup

Suggested
Audience Size:



Complete Portability

Ready to go at 17.6lbs loaded with an easily swappable 12-hour battery. The lightweight design and built-in handle make one-handed carry a breeze, and the battery means you don't need AC power to sound great.



Acoustic Coverage and Clarity

JBL leverages the latest acoustic innovations, including patented image control waveguides and best-in-class driver technologies, to ensure optimum clarity and coverage at any volume.



Class-Leading Connectivity

Highlights: Two XLR/TRS combo, 1/4" hi-Z guitar, and 1/8" aux inputs, phantom power, pro-grade preamps, 1/4" passthrough, headphone jack, dual high-power USB 3.0 charging ports, and more.



Pro Mixer Features

EON ONE Compact's 4-channel digital mixer has 2 XLR/TRS combo jacks, 1 Hi-Z input, 1/8" Aux input, and is pre-loaded with dbx and Lexicon-inspired effects like EQ, reverb, chorus, and more.



Power Your Wireless Mic System

The EON ONE Compact USB Power Cable easily powers an AKG wireless system or select guitar pedals from your speaker's USB A connection and a 5.5mm power terminal.

EON ONE COMPACT	
Product Description	**All-in-One Battery-Powered Portable PA with Professional-Grade Mixer**
Max SPL	112dB
Freq Response	37.5 Hz – 20 kHz
Power Rating	150W peak
Inputs / Outputs	2 - XLR/TRS combo jacks 1 - 1/4" hi-Z 1 - 1/8" aux 1 - 1/8" headphone 1 - 1/4" balanced pass thru
Coverage Pattern	100° (horizontal) x 60° (vertical)
Bluetooth	Audio and Control



EON ONE MK2



6-hour Battery

Bluetooth Audio

All-in-one Carry

Control via JBL Pro Connect App

7 Year Warranty

5 Channel Digital Mixer

House of Worship

DJ Setup

Solo Artist

Outdoor Market

Public Speaking

Fitness

Live Performance



Superior Clarity and Dispersion

EON ONE MK2's C-shaped array provides 140 degrees of vertical coverage to cover a wide array of spaces. In addition, the power amp's Variable Power Performance technology provides 4db of additional headroom with access to AC power.



Total Control, At Your Fingertips

The JBL Pro Connect app simplifies control of every EON ONE MK2 function or preset from your phone or tablet. Integrated Bluetooth 5.0 streaming empowers control of up to 10 JBL Pro Connect-enabled speakers.



Sound Your Best with Pro FX

I/Os include 3 Neutrik XLR Combo jacks, 1 Hi-Z input, summed 3.5mm/BT input & a ¼" balanced passthrough. The pro-grade DSP includes 8-band EQ, dbx Automatic Feedback Suppression (AFS), ducking, Lexicon effects, and more.



Portable And Reliable

Weighing just 42.5lbs, EON ONE MK2 is easy to carry with one hand, thanks to an ergonomic, comfort-designed handle. Its rugged polypropylene shell and 100-hour stress testing ensure flawless real-world performance.

EON ONE MK2	
Product Description	**All-In-One, Battery-Powered Column PA with Built-In Mixer and DSP**
Max SPL	123db/119dB AC/Battery
Freq Response	37Hz - 20KHz (-10dB) 45Hz - 20KHz (-3dB)
Power Rating	1500 watts peak
Inputs / Outputs	3 - XLR Combo Jacks 1 - 1/4" Hi-Z 1 - 1/8"/BT Summed 1 - 1/4" Balanced
Coverage Pattern	140° (horizontal) x 30° (vertical)
Bluetooth	Audio and Control



IRX ONE



Bluetooth Audio

All-in-one Carry

3-Channel Mixer

Auto Feedback Suppression

EQ Presets

3 Year Warranty

House of Worship

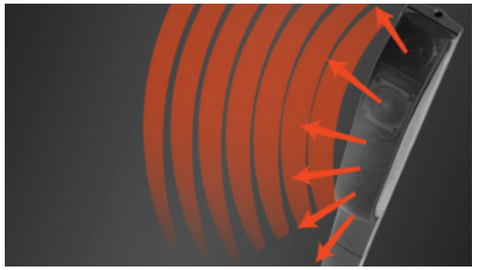
DJ Setup

Busking

Outdoor Market

Public Speaking

Fitness



Advanced Acoustics, Seamless Coverage

To ensure advanced acoustics, IRX ONE utilizes a C-shaped array, inspired by concert line array coverage directivity technology, to deliver rich clarity and seamless front-to-back coverage. The 8” woofer ensures low-frequency response down to 40 Hz.



Ergonomically-Optimized Design

IRX ONE is easy to carry with one hand and sets up and tears down in seconds. Additionally, column spacers and the array cabinet conveniently fit into the back of the base unit for easy, compact transport.



Simple-to-Manage 3-Channel Mixer

IRX ONE features a simple 3-channel mixer, ¼” and XLR inputs, and ¼” balanced mix-out. dbx automatic feedback suppression (AFS), 5 EQ presets, and Soundcraft audio ducking round out the professional experience.



Bluetooth 5.0 Audio Streaming

Using the latest Bluetooth 5.0 audio streaming chipset, IRX ONE delivers premium audio performance, extended range, improved stability, and long-distance streaming for effortless wireless playback in any setting.



IRX ONE	
Product Description	**All-in-One Column PA with Built-In Mixer and Bluetooth Streaming**
Max SPL	118dB(peak)
Freq Response	40Hz ~ 20KHz (-10dB) 50Hz ~ 18KHz (-3dB)
Power Rating	1300 watts peak
Inputs / Outputs	2 - Mic/line XLR Combo 1 - HiZ In - 6.3mm jack 1 - Mix Out - 6.3mm jack
Coverage Pattern	160° (horizontal) x 80° (vertical)
Bluetooth	Audio

PRX ONE



Bluetooth Audio

Control via JBL Pro Connect App

7 Year Warranty

Full Color LCD Screen

Best-In-Class 7 Input Mixer

House of Worship | DJ Setup | Busking | Live Performance | Outdoor Market | Public Speaking | Fitness

Suggested Audience Size:



Pristine Clarity & Coverage

PRX ONE's efficient 2000W Class D amplifier ensures class-leading clarity and coverage as well as stable power delivery. High-linearity inductors boost efficiency and cut distortion. The fully-bridged design unlocks maximum headroom.



Streamlined Mixology

PRX ONE's dual-mode mixer offers fast control with Channel Strip and Mix modes, triple-tier DSP that can be managed by users of any skill level, full-color LCD access to settings, and LED metering for quick visual feedback.



Class-Leading Connectivity

4 XLR Combo, 2 Hi-Z, 1 1/8-inch/BT audio & 1 XLR pass-thru inputs; 2 channels of +48V phantom power; Bluetooth 5.0 control of up to 10 JBL Pro Connect-enabled speakers; and 2 USB 2.0 ports for device charging or AKG wireless power.



Room to Expand

XLR male thru output offers the ability to time-align speakers with up to 100ms of delay per speaker—ideal for larger setups, satellite systems, or extending coverage across wide or complex performance spaces.

PRX ONE	
Product Description	**All-In-One Powered Column PA with Mixer and DSP**
Max SPL	130dB
Freq Response	35-20kHz (-10dB) 40-20kHz (-3dB)
Power Rating	2000 watts peak
Inputs / Outputs	4 - XLR Combo Jacks 2 - 1/4" Hi-Z 1 - 1/8"/BT Summed 1 - XLR M Mix out
Coverage Pattern	130° (horizontal) x 30° (vertical)
Bluetooth	Audio and Control



IRX BT

Bluetooth Audio Streaming

EQ Presets

Automatic Feedback Suppression

Best-in-class Output

Rugged Design

Class-Leading SPL

House of Worship

DJ Setup

Busking

Live Performance

Outdoor Market

Public Speaking

Fitness

Suggested Audience Size:





Bluetooth Audio

The IRX108BT and IRX112BT's Bluetooth audio streaming capability lets you play recorded music between sets or stream wirelessly and link speakers to create a true stereo image.



Eliminate the Guesswork

Sound your best with IRX108BT and IRX112BT's EQ presets, built-in dbx automatic feedback suppression (AFS), and one-touch ducking that lowers volume when speech is detected.



Powerful Gets More Portable

The IRX Series delivers big system sound in a compact footprint. Lightweight, durable polypropylene cabinets ensure quick load-ins and loadouts, and thoughtfully designed handles ease transport.

	IRX108BT	IRX112BT	IRX115S
Product Description	Powered 8-Inch Portable PA Loudspeaker With Bluetooth	Powered 12-Inch Portable PA Loudspeaker With Bluetooth	Powered 15-Inch Portable PA Subwoofer
Max SPL	124 dB peak	127 dB peak	128 dB peak
Freq Response	54 Hz – 20 kHz (-3 dB)	53 Hz – 20 kHz (-3 dB)	45 Hz – 103 Hz (-3dB)
Power Rating	1300 watts peak	1300 watts peak	1300 watts peak 600 watts burst 400 watts continuous
Inputs / Outputs	2 - XLR/TRS combo mic/line inputs 1 - XLR pass-thru output	2 - XLR/TRS combo mic/line inputs 1 - XLR pass-thru output	2 - XLR/TRS combo mic/line inputs 2 - XLR pass-thru output
Coverage Pattern	90° (H) x 60° (V) nominal	90° (H) x 60° (V) nominal	Omni
Bluetooth	Audio	Audio	None

EON700



Bluetooth Audio Streaming

Control via JBL Pro Connect App

7 Year Warranty

Intuitive LCD Display

up to 1500 watts Max Power

House of Worship

DJ Setup

Live Performance

Outdoor Market

Public Speaking

Fitness

Suggested Audience Size:





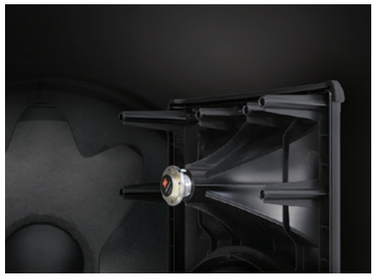
Full-Color Intuitive LCD Display

The advanced DSP package provides comprehensive control over EQ, limiters, delay, dbx Automatic Feedback Suppression, ducking, and other functions. Access settings on-speaker using an integrated backlit LCD screen.



System Versatility

EON700 speakers can be used as main speakers or floor monitors. Full-range models feature top and rear suspension points for flown configurations and rear suspension points for fixed installations.



Iconic Acoustics

JBL's advanced waveguide and transducer technologies deliver extremely consistent coverage. 1300-watt (loudspeakers) and 1500-watt (subwoofer) Class D amps deliver clean, clear sound at any volume.

	Max SPL	Freq Response	Power Rating	Inputs / Outputs	Coverage Pattern	Bluetooth
EON710 **10-inch Powered PA Speaker with Bluetooth**	125dB	52Hz - 20kHz (-10) 65Hz - 20kHz (-3)	1300W Peak	2 - XLR Combo Jacks / BT, 1 - XLR M Mix out	110° H x 60° V	Audio and Control
EON712 **12-inch Powered PA Speaker with Bluetooth**	127dB	50Hz - 20kHz (-10) 60Hz - 20kHz (-3)	1300W Peak	2 - XLR Combo Jacks / BT, 1 - XLR M Mix out	100° H x 60° V	Audio and Control
EON715 **15-inch Powered PA Speaker with Bluetooth**	128dB	45Hz - 20kHz (-10) 55Hz - 20kHz (-3)	1300W Peak	2 - XLR Combo Jacks / BT, 1 - XLR M Mix out	90° H x 60° V	Audio and Control
EON718S **18-inch Powered PA Subwoofer**	131dB	31Hz - 150Hz (-10) 40Hz -120Hz (-3)	1500W Peak	2 - XLR Combo, 2 - XLR loop-Thru	NA	Audio and Control

PRX900

Control via JBL Pro Connect App

7 Year Warranty

Next-Gen Driver Technology

up to 2000 watts
Max Power

Class-Leading DSP

Superior Durability

House of Worship

DJ Setup

Live Performance

Outdoor Market

Public Speaking

Fitness

Suggested Audience Size:









Power That Performs for You

Driven by highly efficient 2000W (peak) Class D power amps, the PRX900 Series provides acoustic clarity and definition with minimal power compression, even at maximum volume.

Versatile and Scalable

The PRX900 Series offers flexible setups for mobile or fixed installs, with versatile mounting options and auto-optimizing G-Sensors for ideal tuning in monitor or mains positions.

Class-Leading DSP and Control

The PRX900 Portable PA Series is fully loaded with comprehensive DSP that is easily accessible via the simple-to-manage JBL Pro Connect app or by using the integrated full-color LCD.

	Max SPL	Freq Response	Power Rating	Inputs / Outputs	Coverage Pattern	Bluetooth
PRX908 Powered Two-Way 8-inch PA Loudspeaker	126dB	55Hz - 20kHz (-10dB) 65Hz - 15kHz (-3dB)	2000W Peak	2 - XLR Combo jacks 1 - 3.5mm aux 2 - XLR-M loop-through 1 - XLR-M Mix out	105°H x 60°V	Control
PRX912 Powered Two-Way 12-inch PA Loudspeaker	132dB	50Hz - 20kHz (-10dB) 65Hz - 17kHz (-3dB)	2000W Peak		90°H x 50°V	Control
PRX915 Powered Two-Way 15-inch PA Loudspeaker	133dB	48Hz - 19kHz (-10dB) 60Hz - 16kHz (-3dB)	2000W Peak		90°H x 50°V	Control
PRX925 Powered Two-Way 15-inch PA Loudspeaker	137.7dB	43Hz - 20kHz (-10dB) 54Hz - 17kHz (-3dB)	2000W Peak		90°H x 50°V	Control
PRX935 Powered Three-Way Single 15-inch PA Loudspeaker	136.1dB	40Hz - 20kHz (-10dB) 46Hz - 18kHz (-3dB)	2000W Peak		90°H x 50°V	Control
PRX915XLF Powered 15-inch Subwoofer	131dB	36Hz - 98Hz (-10dB) 40Hz - 87Hz (-3dB)	2000W Peak	2 - XLR Combo jacks 2 - XLR M Loop-through	Omni	Control
PRX918XLF Powered 18-inch Subwoofer	134dB	30Hz - 110Hz (-10dB) 35Hz - 92Hz (-3dB)	2000W Peak		Omni	Control

PRO CONNECT

Demo Mode
configure settings or demo features without connecting to hardware

Advanced Control
management of every feature from anywhere in the room

MIX OUT Pre/Post-Fader
switch the MIX OUT feature between pre and post-fader

Snapshot Languages
save snapshots in select local languages*

Free to download

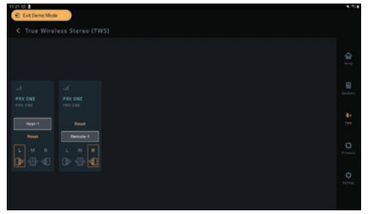
GET IT ON Google Play

Download on the App Store

Compatible With: EON700 | EON ONE MK2 | EON ONE COMPACT | PRX ONE | PRX900

Your Seamless Sound Ecosystem





Bluetooth 5.0 Functionality

Advanced Bluetooth Low Energy (BLE) technology empowers powerful wireless control functionality and performance. Connect and sync up to 10 JBL Pro Connect-enabled speakers.



Full Control at Your Fingertips

Dive into the system mixer and DSP functions to optimize your stage sound. Access app-exclusive features and speaker settings, including snapshots, multi-speaker grouping, tap tempo, and more.



Optimized Presets

Choose from eight optimized sound presets or customize your own. Trigger dbx Automatic Feedback Suppression (AFS) or optimize with dbx Digital DriveRack signal processing.



Elevate Sound with Pro Effects

Activate ducking to ensure you stand out over background music. Adjust Lexicon reverb, chorus and delay effects for pro polish. Shape sound with surgical precision with parametric EQ.



Personalize Your Workflow

Group speakers for mixing and rename channels for traditional channel strip functionality. Additionally, responsive portrait and landscape displays ensure streamlined operation.



Demo Mode

Demo Mode lets users explore app features without connecting a Pro Connect-enabled speaker. It also allows saving and configuring presets in advance for quick setup when connected.

Accessories

Stretch Covers
Available in Black or White



Compatible with: EON ONE Compact

JBL Tripods
Gas Assist or Manual



Compatible with: EON ONE Compact, IRX Series, EON700 Series, PRX900 Series

JBL Poles
Gas Assist or Manual



Compatible with: EON ONE Compact, IRX Series, EON700 Series, PRX900 Series

Transporter Bags



Various transporter bags are available for:
EON ONE Compact, EON ONE MK2, PRX ONE, IRX Series, EON700 Series

Extra Battery
For EON ONE Compact



Compatible with: EON ONE Compact

Dual Battery Charger
For EON ONE Compact



Keep the party going with extra EON ONE Compact batteries. Quickly charge one battery in just 3.5 hours and two batteries in 7 hours. LEDs indicate charging status. *Batteries not included.

Dual Battery Charger
For EON ONE MK2



The best accessory for long gigs. Charge one battery in 3 hours or two batteries in 6 hours. LEDs indicate charging status. *Batteries not included.

Extra Battery
For EON ONE MK2



Compatible with:
EON ONE MK2

USB Power Cable
For EON ONE Compact



Power an AKG wireless system or an effect pedal to gain greater performance freedom. Connects to EON ONE Compact via USB A and to other devices via 5.5mm power terminal.

Mounting Kit
For PRX ONE



This mounting bracket lets you easily mount the column of the PRX ONE for increased versatility.

Mounting Yoke



Compatible with: EON 700 Series


JBL
PROFESSIONAL
Portable PA
Pro Sound. Total Freedom.
Learn More About
JBL Portable PA Products