

JUBI 12A

12" Active Loudspeaker

JUBI 15A

15" Active Loudspeaker

Features

- ▶ Remarkable sound, remarkable power, and remarkable style in a lightweight, durable enclosure
- ▶ 480 Watts of continuous power using Class D technology
- ▶ 126 or 129 dB maximum sound pressure level
- ▶ 12" or 15" woofer matched with 1" compression tweeter
- ▶ Flat frequency response between 50/53Hz and 20kHz
- ▶ 2 channel onboard mixer: mic channel featuring an XLR input and line channel with 1/4" TRS phone jack
- ▶ Send speaker's main signal off to additional speakers or amplifiers through a balanced XLR output connector
- ▶ 4th order phase-accurate Linkwitz-Riley crossover
- ▶ 35mm pole mount for extended audience reach
- ▶ Impact resistant polymer enclosure with internal bracings
- ▶ Tour grade steel grille (1.2 mm)
- ▶ Rotary EQ controls for high and low frequency audio

Overview

Phonic's Jubi 12A and Jubi 15A establish a new paradigm for molded powered speakers. Jubi's 480 Watt (continuous) amplifier uses Class D technology to produce a shattering 126 dB to 129 dB maximum SPL, providing enough power for a wide range of venue types and sizes. A lightweight design and rugged pole mounts make the Jubi the most versatile, portable active loudspeaker today. Phonic engineers designed a high BL force factor woofer and a 1" compression tweeter to achieve the Jubi's astonishingly wide sound stage and a vivid, transparent signature sound. A carefully crafted polymer enclosure with stunning vertical curvatures not only look great, but also improve acoustic accuracy by minimizing internal diffraction. Finally, reliability and durability were the paramount factor throughout the Jubi's development. With 480 Watts of ground shaking power, a 2-channel on-board mixer, custom engineered transducers, and incredible versatility, the Phonic Jubi 12A and Jubi 15A are loudspeakers to be reckoned with.

Woofers and Tweeters Engineered Right

Unlike many other speaker manufactures that use pre-assembled OEM woofers and tweeters, Jubi transducers are designed from scratch, in-house, by Phonic. Everything, from the cone pulp formula and the curvature of the tweeter's titanium membrane to the characteristic of the magnetic field, is uniquely Phonic, uniquely Jubi. Jubi's state-of-the-art 12" or 15" woofer has a distinctly high BL force factor and a long-throw extension which produce marvelously deep and defined bass traditionally unattainable in small enclosures. The 1" compression tweeter and 95 degree conical horn complete the Jubi's vivid, transparent sound signature.



Advanced Electronics. Advanced Reliability

With over 35 years of experience, Phonic has few equals when it comes to advanced electrical engineering technology. With the Jubi series, this cumulated expertise is on display. Core features include:

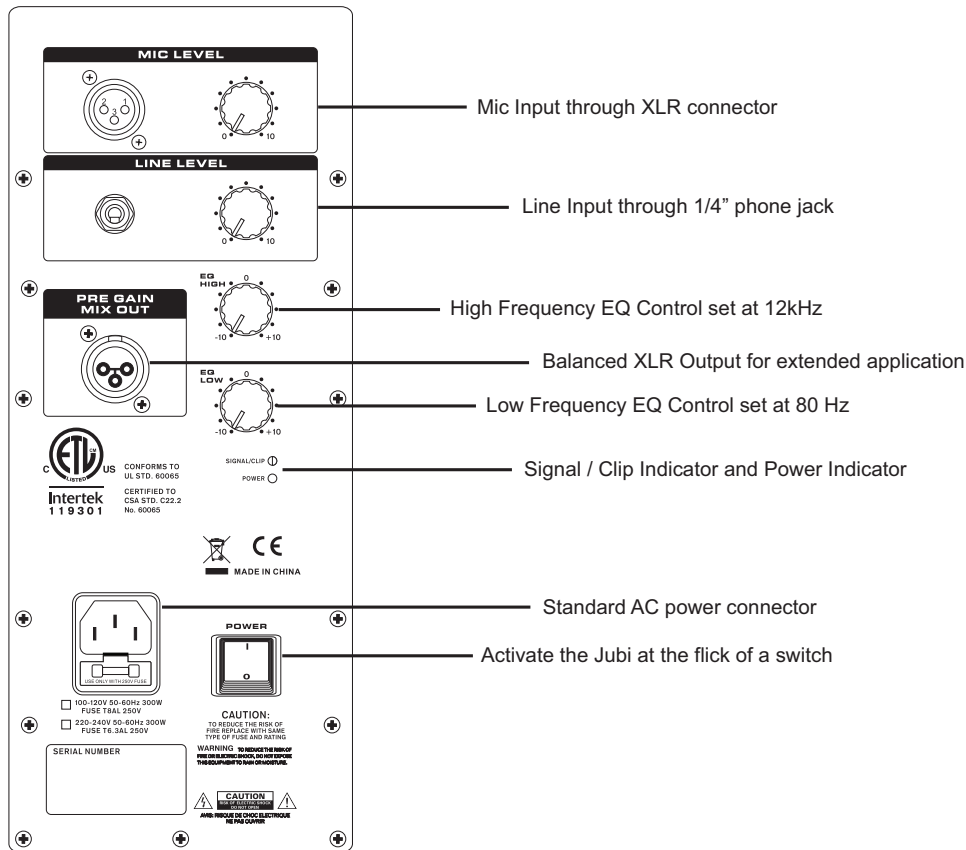
- ▶ Time alignment and phase correction: In listening tests, many notice that the Jubi seems more "real" or more "live" than other speakers. This is because Phonic's active electronics ensure that sounds from the Jubi hit listeners' ears at the precise moments the original recording intended.
- ▶ High Dampening Factor and Woofer Stabilization: The Jubi has a high amplifier dampening factor to ensure that the woofer reaches optimal excursion. Additionally, Phonic engineers added circuitry to manage the speaker's electrical feedback, in effect, stabilizing woofer movement. The high amplifier dampening factor and stabilization circuitry give the Jubi its spectacular bass depth and clarity.
- ▶ Transducer Protection: Active electronics oversee tweeter and woofer excursion, preventing audio artifacts, distortion, and speaker damage.
- ▶ 4th order, phase-accurate, Linkwitz-Riley crossover
- ▶ Thermal protection: Precautionary feature that cuts off the Jubi in case of overheating.

With experience and technology comes excellent performance and reliability. But you can never be too careful. As of the launch date, the Jubi has logged more than 1000 hours of real world and lab tests, guaranteeing a remarkable level of reliability. From heated ovens, freezing subzero rooms, high humidity chambers, to electrical voltage spikes, the Jubi has endured it all.

JUBI SERIES

Professional Active Loudspeakers

Rear Panel Features



Specifications

	Jubi 12A	Jubi 15A
Amp Type	Tweter: Class AB / Woofer: Class D	Tweter: Class AB / Woofer: Class D
Continuous Power	480 Watts	480 Watts
Peak Power	750 Watts	750 Watts
LF Output	400W @ 8 ohms	400W @ 8 ohms
HF Output	80W @ 8 ohms	80W @ 8 ohms
Minimum THD	0.01%	0.01%
Max SPL	126dB	129dB
Frequency Response	53 Hz - 20 kHz	50 Hz - 20 kHz
LF Size	12"	15"
LF-Magnet Material	Ferrite	Ferrite
LF-VC Diameter	2.6 inch	2.6 inch
HF-Diaphragm Size and Material	1"	1"
HF-Magnet Material	Ferrite	Ferrite
Horn Coverage Pattern	95 degree	95 degree
Input Connectors	XLR & 1/4" TRS	XLR & 1/4" TRS
Output Connectors	XLR	XLR
EQ	High (12kHz) / Low (80Hz)	High (12kHz) / Low (80Hz)
Crossover Type	Precisely tuned crossover	Precisely tuned crossover
LED Indicators	Power / Clip	Power / Clip
Enclosure Material	Polymer	Polymer
Grille Gauge	1.2 mm	1.2 mm
Handle Material / Positions	2 on sides	2 on sides
Monitor position	Yes - Two sides	Yes - Two sides
Suspension / Mounting	Stand mounting with 35mm pole socket	Stand mounting with 35mm pole socket
Dimensions (HxWxD)	559 x 370 x 277 mm (22" x 14.56" x 10.9")	679 x 450 x 345 mm (26.73" x 17.71" x 13.58")
Net Weight	11 kg	16 kg