

JUBI 12AR

12" Active Loudspeaker
with Recording / Playback

JUBI 15AR

15" Active Loudspeaker
with Recording / Playback

Features

- ▶ Remarkable sound, remarkable power, and remarkable style in a lightweight, durable enclosure
- ▶ 700 Watts of continuous power using Class D technology
- ▶ 12" or 15" woofer matched with 1" compression tweeter
- ▶ Flat frequency response between 53/56Hz and 20kHz
- ▶ 2 channel onboard mixer: mic channel featuring an XLR input and line channel with 1/4" TRS phone jack
- ▶ Record audio directly to USB flash drives
- ▶ Digital MP3 audio playback from USB flash drives
- ▶ Send speaker's main signal off to additional speakers or amplifiers through a balanced XLR output connector
- ▶ 126 dB maximum sound pressure level
- ▶ 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 12AR and Jubi 15AR establish a new paradigm for molded powered speakers. Jubi's 700 Watt (continuous) amplifier uses Class D technology to produce a shattering 126 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 700 Watts of ground shaking power, a 2-channel on-board mixer, custom engineered transducers, and incredible versatility, the Phonic Jubi 12AR and Jubi 15AR 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" and 15" woofers 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:

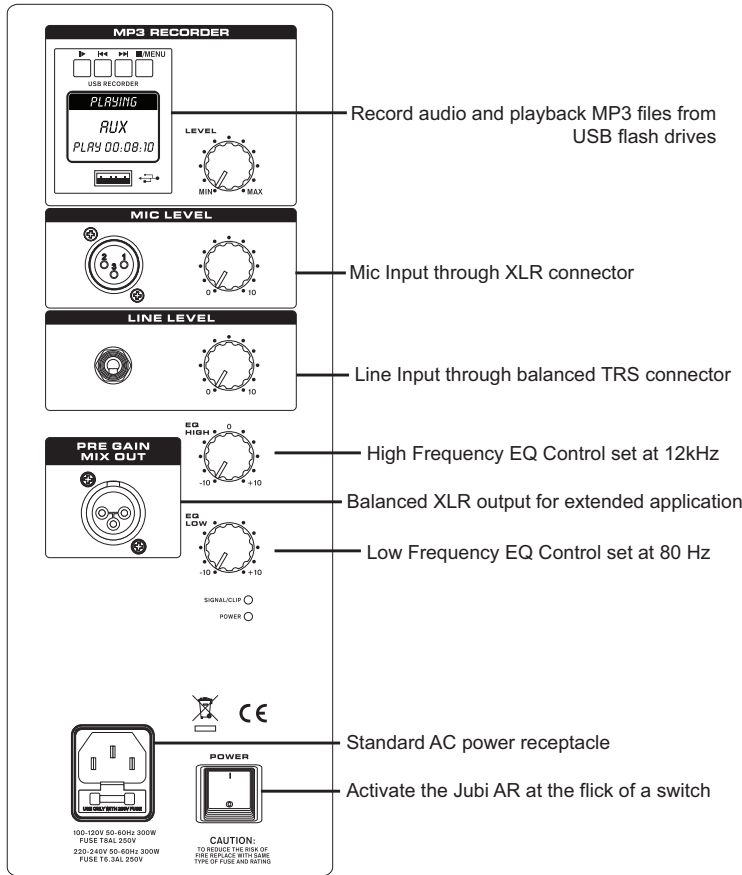
- ▶ Time alignment and phase correction: In listening tests, many notice that the Jubi seems more "real" or more "live" than other speakers. This is because Phonic's active electronics ensure that sounds from the Jubi hit listeners' ears at the precise moments the original recording intended.
- ▶ High 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 12AR	Jubi 15AR
Amp Type	Tweeter: Class AB / Woofer: Class D	Tweeter: Class AB / Woofer: Class D
Continuous Power	700 Watts	700 Watts
Peak Power	1400 Watts	1400 Watts
Minimum THD	0.01%	0.01%
Maximum SPL	126 dB	126 dB
Frequency Response	56 Hz - 20 kHz	53 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" Titanium	1" Titanium
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
MP3 Audio	USB (Record + Playback)	USB (Record + Playback)
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	14.5 kg (32 lbs)	16.7 kg (36.8 lbs)

Information in this document is subject to change without notice.

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