

JUBI 12A LITE

12" Active Loudspeaker

JUBI 15A LITE

15" Active Loudspeaker

Features

- ▶ Remarkable sound, remarkable power, and remarkable style in a lightweight, compact enclosure
- ▶ 320 Watts of continuous power using Class D technology
- ▶ 123 dB maximum sound pressure level
- ▶ 12" or 15" woofer matched with compression tweeter
- ▶ Flat frequency response between 53/56Hz and 20kHz
- ▶ 2 channel onboard mixer: mic channel featuring an XLR and 1/4" TRS phone jack, and line channel with 1/4" TRS and stereo RCA inputs
- ▶ 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 1/4" TRS output connector
- ▶ 4th order phase-accurate Linkwitz-Riley crossover
- ▶ Impact resistant polymer enclosure with internal bracings
- ▶ Tour grade steel grille (1.2 mm)
- ▶ Rotary EQ controls for high and low frequencies



Overview

Phonic's Jubi 12A Lite and Jubi 15A Lite establish a new paradigm for molded powered speakers. Jubi's 320 Watt (continuous) amplifier uses Class D technology to produce a shattering 123 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 Lite the most versatile, portable active loudspeaker today. Phonic engineers designed a high BL force factor woofer and a compression tweeter to achieve the Jubi Lite'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 Lite's development. With 320 Watts of ground shaking power, a 2-channel on-board mixer, custom engineered transducers, and incredible versatility, the Phonic Jubi 12A Lite and Jubi 15A Lite are loudspeakers to be reckoned with.

Woofers and Tweeters Engineered Right

Unlike many other speaker manufacturers that use pre-assembled OEM woofers and tweeters, Jubi Lite 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 Lite's state-of-the-art 12" and 15" woofers have a distinctly high BL force factor and a long-throw extension which produce marvelously deep and defined bass traditionally unattainable in small enclosures. The compression tweeter complete the Jubi Lite'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 Lite series, this cumulated expertise is on display. Core features include:

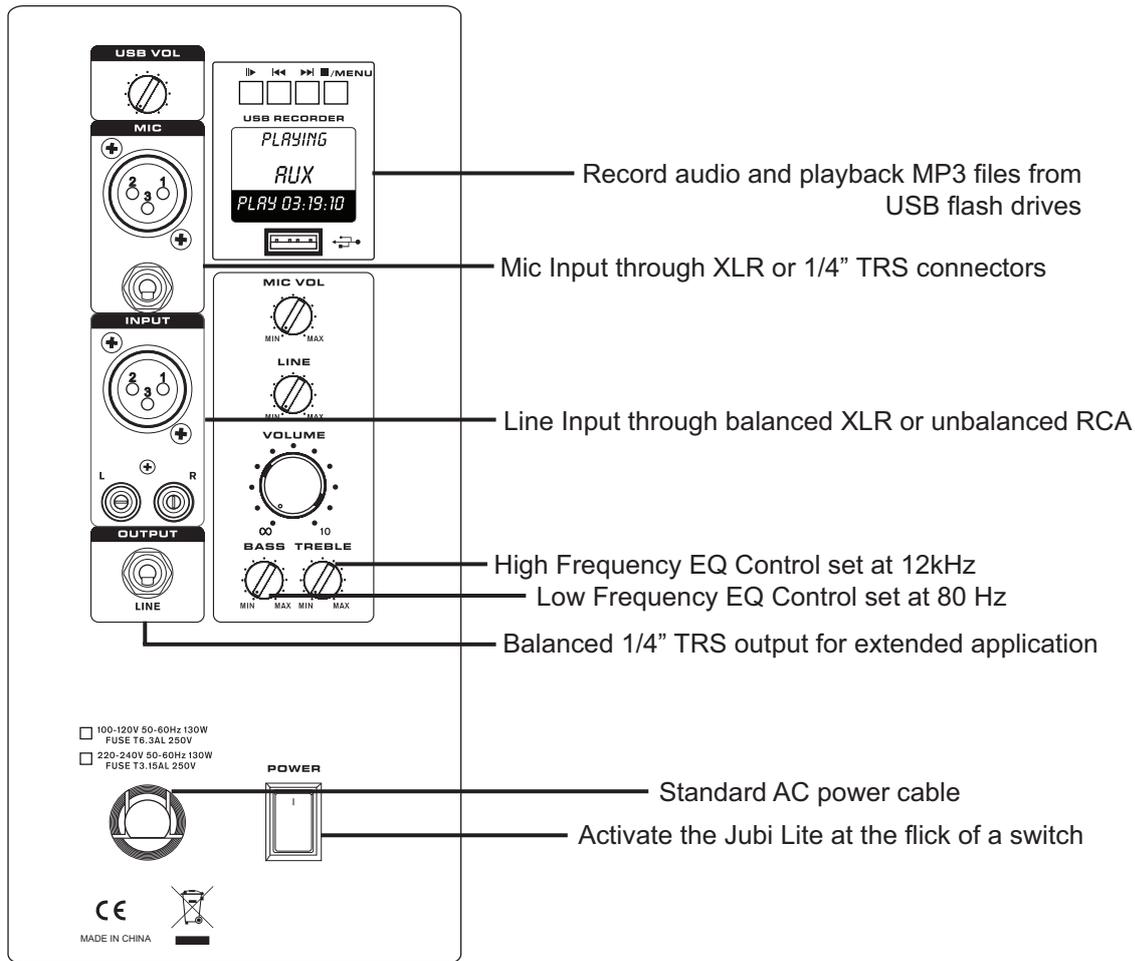
- ▶ Time alignment and phase correction: In listening tests, many notice that the Jubi Lite seems more "real" or more "live" than other speakers. This is because Phonic's active electronics ensure that sounds from the Jubi Lite hit listeners' ears at the precise moments the original recording intended.
- ▶ High Dampening Factor and Woofer Stabilization: The Jubi Lite 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 Lite its spectacular bass depth and clarity.
- ▶ Transducer Protection: Active electronics oversee tweeter and woofer excursion, preventing audio artifacts, distortion, and speaker damage.

With experience and technology comes excellent performance and reliability. But you can never be too careful. As of the launch date, the Jubi Lite 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 Lite has endured it all.

JUBI LITE SERIES

Professional Active Loudspeakers

Rear Panel Features



Specifications

	Jubi 12A Lite	Jubi 15A Lite
Woofer	12"	15"
Tweeter	Compression Driver	Compression Driver
Continuous Power	320 Watts	320 Watts
Peak Power	640 Watts	640 Watts
Minimum THD	0.01%	0.01%
Frequency Response	56 Hz to 20 kHz	53 Hz to 20 kHz
Maximum SPL	123 dB	123 dB
Total Channels	2	2
Microphone Input	1 XLR + 1 TRS	1 XLR + 1 TRS
Line Input	1 XLR + 1 Stereo RCA	1 XLR + 1 Stereo RCA
MP3	USB (Record + Playback)	USB (Record + Playback)
Audio Out	1 x 1/4" TRS	1 x 1/4" TRS
EQ	Treble (12kHz), Bass (80Hz)	Treble (12kHz), Bass (80Hz)
Dimensions (HxWxD)	559 x 370 x 277 mm (22" x 14.56" x 10.9")	679 x 450 x 345 mm (26.7" x 17.7" x 13.6")
Weight	12.6 kg (27.8 lbs)	18.8 kg (41.4 lbs)