Professional Powered Speakers

EUROLIVE VP1520D/VP1220D



Active 550-Watt 2-Way PA Speaker System with 15"/12" Woofer and 1.75" Titanium Compression Driver

- High-power 550-Watt 2-way PA sound reinforcement speaker system for live and playback applications
- Ultra-compact system delivers excellent sound even at extreme sound pressure levels
- Revolutionary Class-D amplifier technology: enormous power, incredible sonic performance and super-light weight
- Internal switch-mode power supply for noise-free audio, superior transient response and very low power consumption
- Integrated sound processor for ultimate system control and speaker protection
- Extremely powerful long-excursion driver provides incredibly deep bass and acoustic power (VP1520D: 15", VP1220D: 12")
- Proprietary 1.75" titanium-diaphragm compression driver for exceptional high-frequency reproduction
- Ultra-wide dispersion, large-format exponential/conical horn
- Ultra-low noise Mic/Line input with Volume control and Clip LED
- Dedicated 2-band EQ for perfect sound adjustment

Modeled after our highly-successful VP1520 and VP1220 passive loudspeakers and equipped with our revolutionary Class-D amplifier technology and internal switch-mode power supplies, EUROLIVE VP1520D and VP1220D active loudspeakers, provide the ideal power-to-weight ratio. The onboard high and low frequency amps crank out seriously deep bass, along with detailed mids and highs for an amazingly articulate sound—without the backbreaking weight. An integrated signal processor ensures ultra-low distortion and protection of the custom-engineered drivers, which we build by hand in our own facility. Their trapezoidal enclosure design makes them ideal for use in array deployment.

What's the Big Deal About Class-D?

Instead of operating relatively continuously like Class AB circuits, Class-D amps switch on and off thousands of times per second, delivering power only when needed. In other words, the amplifier is either fully on or fully off, which significantly reduces power losses from the output devices given off as heat. Less heat means our amps don't need massive heat sinks, and that means we can make them lighter. Our no-compromise design means your EUROLIVE D Series loudspeakers will deliver full power with incredible fidelity all night long, without the need for lengthy rest cycles.

When used in conjunction with switching-mode power supplies, which don't require huge and heavy transformers, our Class-D amplifiers provide tremendous dynamic punch and superior fidelity. The resulting speaker systems are much lighter, making them easy to transport and set up.

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EUROLIVE VP1520D VP1220D

- Additional Line output allows linking of additional speaker systems
- Trapezoidal enclosure for easy array and sonic accuracy
- Integral tripod and stand adaptor
- Ergonomically shaped handles for easy carrying and setup
- Rugged steel grille for optimal speaker protection
- High-quality components and exceptionally rugged construction ensure long life
- Conceived and designed by BEHRINGER Germany

Superior Sound Quality

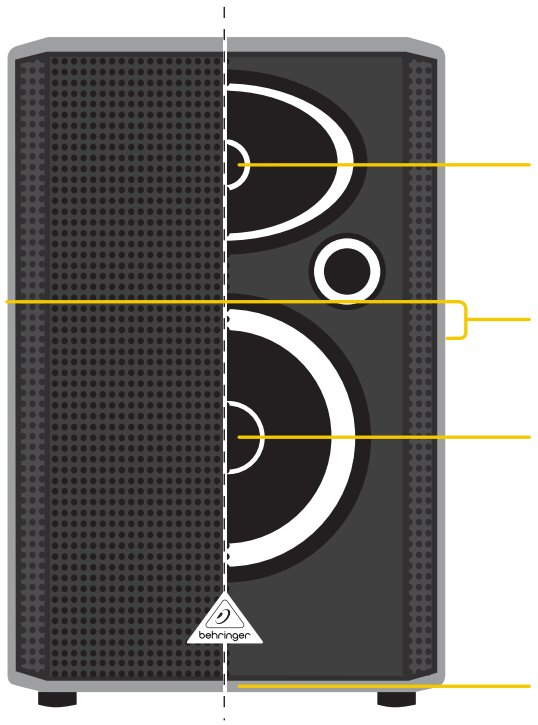
The state-of-the-art EUROLIVE VP1520D and VP1220D loudspeaker systems boast 550 Watts that will simply blow you away. At the heart of these powerful loudspeakers is a bi-amped 550-Watt Class-D engine, which drives a high-efficiency 12" woofer (15" for VP1520D) for brutal punch, and a 1.75" titanium-diaphragm HF (High-Frequency) compression driver for articulate high-end resolution. The internal amplifiers and speakers are designed to function as a perfectly matched team, ensuring optimal sound every time you power up.

Processor-controlled Output

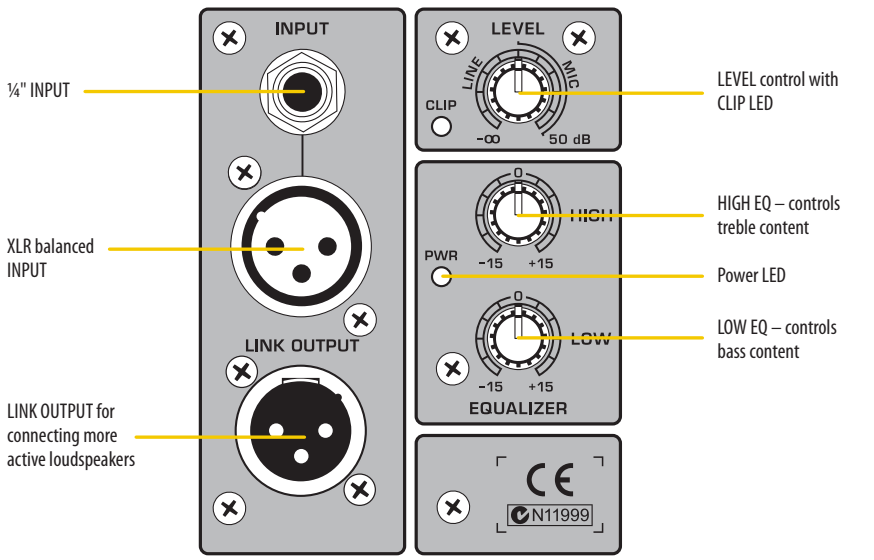
Dynamic processing is one of the best ways to maximize output without sacrificing sound quality. The D Series' built-in circuitry automatically adjusts program content, allowing the loudspeaker to operate at extreme levels. It accomplishes this by reducing bass output slightly as you approach

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Front



Rear



EUROLIVE VP1520D VP1220D

the limit of the transducers. This frees up LF (Low Frequency) amp and transducer resources so that higher overall volume can be realized. It's like having a tiny soundman inside each cabinet constantly monitoring and tweaking output parameters.

Thunderous Bass

In order to produce tight, deep bass, a loudspeaker has to move lots of air. EUROLIVE loudspeakers accomplish this by using powerful, long-excursion LF (Low Frequency) drivers that are handmade in our own factory. While some companies are content to use "off-the-shelf" drivers, we custom-design each LF driver to perfectly match each application. Each VP1520D or VP1220D feature custom-designed LF drivers in a tuned enclosure, providing rich, tight bass all the way down to 55 Hz (50 Hz for VP1520D).

Articulate Top End

HF content can easily make or break your performance. Too much and the sound becomes brittle and obnoxious, too little and it sounds muddy and poorly defined. The 1.75" titanium-diaphragm HF driver provides natural-sounding high end, with an ultra-wide sound dispersion pattern.

Instant PA System

With a single loudspeaker system and a dynamic microphone, you can set up an instant sound system. Just connect a mic directly to the built-in XLR mic preamp, place the loudspeaker on a tabletop or speaker stand, and power up. It's that easy. And if you need more coverage, you can chain together as many as you like via the convenient LINK OUTPUT XLR connector.

The Technical Stuff

The VP1220D is capable of extremely high sound pressure levels (118 dB @ 1 m) across a 55 Hz - 20 kHz frequency range, and weighs just over 44 lbs (20.1 kg). The VP1520D provides similar output (119 dB @ 1 m) from 50 Hz - 20 kHz, at 54.5 lbs (24.8 kg).

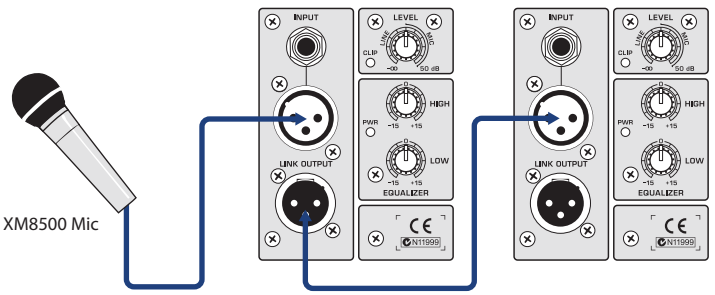
Reliability

Both the VP1520D and VP1220D have been optimized for maximum reliability through our integrated overload-protection circuitry, ensuring ultimate high-frequency driver protection. Designed to stand up to the rigors of the road, these loudspeaker systems are built to last and made to perform!

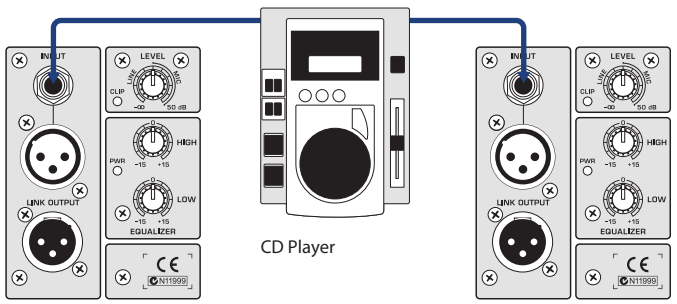
Value

Stop in at your authorized BEHRINGER dealer today and put the VP1520D and VP1220D loudspeakers to the test. Compare them to each other to see which one best meets your needs—and by all means, compare them to the competition. When you see and hear what the VP1520D and VP1220D offer in terms of sound quality and features, you'll own BEHRINGER—with money to spare!

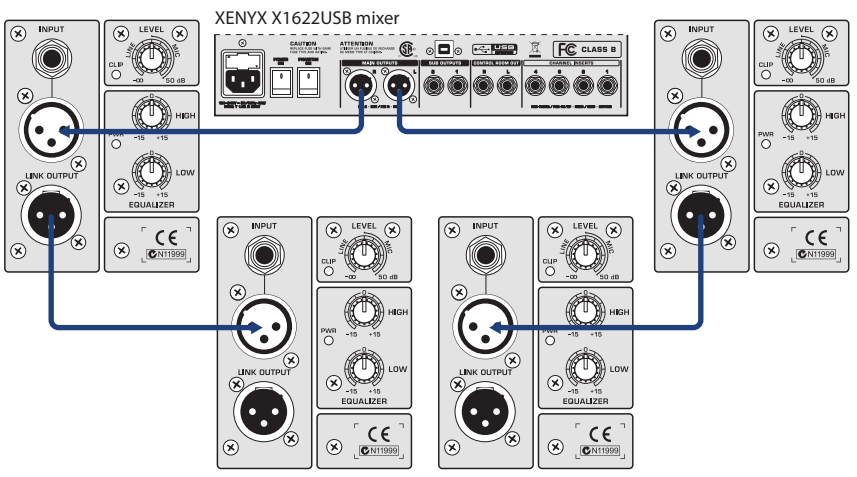
Simple hookup w/ microphone



Stereo music playback



Linking several systems from mixer



EUROLIVE VP1520D VP1220D

Specifications

VP1520D/VP1220D

System Data

Amplifier Power Output	
Low-frequency range	
RMS Power	280 W @ 8 Ω
Peak Power	450 W @ 8 Ω
High-frequency range	
RMS Power	65 W @ 8 Ω
Peak Power	100 W @ 8 Ω

Speaker size

VP1520D/VP1220D

Tweeter	1.75" / 45 mm

VP1520D

Woofer	15" / 385 mm

VP1220D

Woofer	12" / 307 mm

VP1520D/VP1220D

Audio Inputs

XLR (servo-balanced)	
Sensitivity	-40 dBu to +4 dBu
Input impedance	20 kΩ
¼" TRS	
Sensitivity	-40 dBu to +4 dBu
Input impedance	20 kΩ
Level control	
Input Trim	−∞ to + 30 dB
Max. input level	+22 dBu

VP1520D/VP1220D

Link

Connector	XLR connector

VP1520D

Loudspeaker System Data

Frequency Response	50 Hz to 20 kHz

VP1220D

Loudspeaker System Data

Frequency Response	55 Hz to 20 kHz

VP1520D/VP1220D

Crossover frequency	2.5 kHz
Sound pressure level	max. 93 dB SPL @ 1w /1m
Limiter	Optical
Dynamic Equalizer	Processor-controlled

VP1520D/VP1220D

Equalizer

HIGH	12 kHz / ±15 dB
LOW	80 Hz / ±15 dB

VP1520D/VP1220D

Power Supply

Voltage (Fuses)	
USA/Canada	120 V, 60 Hz (T 6.3 A H 250 V)
UK/Australia	240 V~, 50 Hz (T 3.15 A H 250 V)
Europe	230 V~, 50 Hz (T 3.15 A H 250 V)
Japan	00 V~, 50-60 Hz (T 6.3A H 250 V)
Power Consumption	max. 600 watts
Mains Connection	Standard IEC receptacle

VP1520D

Dimensions/weight

Dimensions (H x W x D)	approx. 27.0 x 17.9 x 18.3" approx. 685 x 455 x 465 mm
Weight	54.5 lbs / 24.8 kg

VP1220D

Dimensions/weight

Dimensions (H x W x D)	approx. 23.6 x 14.6 x 16.9" approx. 600 x 370 x 430 mm
Weight	44.2 lbs / 20.1 kg

Please note these specifications are preliminary and conceptual in nature, and as such are subject to change as product development progresses. This information is supplied for market research purposes only and is not to be made public in any manner. This document is solely the property of The MUSIC Group, or one of its subsidiaries, and must be surrendered upon request of the owner.

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