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You can read the recommendations in the user guide, the technical guide or the installation guide for BEHRINGER B212D. You'll find the answers to all your questions on the BEHRINGER B212D in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual BEHRINGER B212D
User guide BEHRINGER B212D
Operating instructions BEHRINGER B212D
Instructions for use BEHRINGER B212D
Instruction manual BEHRINGER B212D

B215D/B212D/ B210D/B208D 15"/12"/10"/8" 2-Way Active PA Speaker

- High-power 2-way PA sound reinforcement speaker systems for live and playback applications
 - B215D/B212D: 550-Watts
 - B210D/B208D: 220-Watts
- Ultra-compact lightweight systems deliver excellent sound even at extreme sound pressure levels
- Revolutionary Class-D amplifier technology yields enormous power, incredible sonic performance and super-light weight
- Internal switch-mode power supply for noise-free and superior transient response and very low power consumption
- Integrated sound processor for ultimate system control and speaker protection with active variable high-pass filter
- Extremely powerful, handmade long-excursion driver provides incredibly deep bass and acoustic power
 - B215D: 15"
 - B212D: 12"
 - B210D: 10"
 - B208D: 8"
- State-of-the-art 1.35" aluminum-diaphragm compression driver for exceptional high-frequency reproduction
- Ultra-wide dispersion via large-format exponential horn
- Built-in ultra-low noise Mic/Line input with Volume control and Clip LED
- Dedicated 2-band EQ
- Additional Line output allows linking of additional speaker systems
- Versatile trapezoidal enclosure design allows different positioning:
 - Stand mounting with 35-mm pole socket
 - Tilt on its side for use as a floor monitor
- Two ergonomically shaped handles on B215D/B212D and one on the B210D for easy carrying
- High-quality components and exceptionally rugged construction ensure long life
- Conceived and designed by BEHRINGER Germany

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Loudspeakers / Sound Reinforcement

EUROLIVE D Series — 550/220-Watt 2-Way PA Speaker Systems with 15"/12"/10"/8" Woofer and 1.35" Aluminum-Diaphragm Compression Driver



Finally, great-sounding active loudspeakers that won't break your back or bank account!

Thanks to our revolutionary Class-D amplifier technology and internal switch-mode power supplies, EUROLIVE D Series loudspeakers provide a much better power-to-weight ratio than competing active speakers. Put simply, you get all the power without the backbreaking weight. And the sound quality of these lightweight loudspeakers exceeds that of our extremely popular EUROLIVE B212A and B215 A systems — plus we've included two 220-Watt models, the B210D (10") and B208D (8") for less demanding applications.

Due to their high-efficiency design, they crank out 550/220 Watts you've never heard from a compact loudspeaker system. The integrated sound processor provides total system control, along with dependable protection of the LF and HF transducers, thanks to the built-in active high-pass filter, which virtually eliminates distortion — even at extreme operating levels. In addition, all four models feature an Ultra-Low Noise (ULN) Mic/Line input with LEVEL control and a dedicated 2-band EQ (bass/treble) for easy control.

Continued on next page



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Manual abstract:

35" aluminum diaphragm compression driver for exceptional high-frequency reproduction Ultra-wide dispersion via large-format exponential horn Built-in ultra-low noise Mic/Line input with Volume control and Clip LED Dedicated 2-band EQ Additional Line output allows linking of additional speaker systems Versatile trapezoidal enclosure design allows different positioning: - Stand mounting with 35-mm pole socket - Tilts on its side for use as a floor monitor Two ergonomically shaped handles on B215D/B212D and one on the B210D for easy carrying High-quality components and exceptionally rugged construction ensure long life Conceived and designed by BEHRINGER Germany Loudspeakers / Sound Reinforcement EUROLIVE D Series -- 550/220-Watt 2-Way PA Speaker Systems with 15"/12"/10"/8" Woofer and 1.35" Aluminum Diaphragm Compression Driver Finally, great-sounding active loudspeakers that won't break your back or bank account! Thanks to our revolutionary Class-D amplifier technology and internal switch-mode power supplies, EUROLIVE D Series loudspeakers provide a much better power-to-weight ratio than competing active speakers. Put simply, you get all the power without the backbreaking weight. And the sound quality of these lightweight loudspeakers exceeds that of our extremely popular EUROLIVE B212A and B215A systems -- plus we've included two 220-Watt models, the B210D (10") and B208D (8") for less demanding applications. Due to their high-efficiency design, they crank out 550/220 of the cleanest, punchiest audio Watts you've ever heard from a compact loudspeaker system. @@@@Hidden deep inside each enclosure is the equivalent of an active 2-way electronic crossover, graphic EQ, parametric EQ, mic preamp, limiter and two Class-D power amplifiers, yet overall weight is less than comparable loudspeaker systems! These components work together seamlessly to provide optimum sound quality -- and it all takes place automatically, without you having to touch a single knob. Class D Amplifier Technology delivers high power with low weight. 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 the power losses INPUT Page 2 of 5 EUROLIVE B215D EUROLIVE B215D LINK OUTPUT LINK OUTPUT INPUT Output Left Output Right INPUT XENYX 2442FX in the output devices. This is easy in theory and complex in practice, which is why there are so many different Class D designs.

Without boring you with terms like PWM Generation and Gate Drivers, let's just say that to realize the benefits of a Class D design requires compensating for a lot of potential problems that can cause audible distortion. BEHRINGER didn't invent Class D technology, but our R&D Department has been working for years to perfect our own version with all the benefits of reduced weight and cool running, and none of the drawbacks. That's why we invested over a solid year of research time eliminating pitfalls like quantizing errors and excess dead time, selecting just the right switching frequency (and other equally tech-y terms). And why we spent an equally long time testing individual components to ensure they will stand up to the rigors of the real world. Continued on next page 1/4" input jack for balanced TRS and unbalanced TS connections.

LEVEL control with CLIP LED for optimizing input signal level. MIC/LINE input jack with internal microphone preamplifier for balanced XLR connections. EQ HIGH & LOW shelving equalization controls cuts or boosts the treble (12kHz) and bass (80Hz) range by 15 dB. LINK OUTPUT XLR jack lets you connect additional BEHRINGER active loudspeaker systems. Power LED.

B215D/B212D/ B210D/B208D 15"/12"/10"/8" 2-Way Active PA Speaker When combined with switching-mode power supplies that replace heavy toroid transformers, our new designs provide more dynamic punch since the higher switching frequency reloads the supply's capacitors much faster. And, because they are so much more efficient, the D Series runs cooler and doesn't require huge, heavy heat sinks. The resulting speakers systems are much lighter, making them easy to transport and set up. Our no-compromise design means your D Series active loudspeakers will deliver full power and incredible fidelity all night long, with no need for rest cycles. Instant PA system With just a single D Series loudspeaker system and a microphone or MP3 player, you can set up an instant sound system. @@@@It's just that easy. @@@@Set the Level and EQ controls the same on both enclosures. Voilà, instant party! @@@@It's like having a tiny soundman inside each cabinet constantly monitoring and changing output parameters. By making subtle changes to the crossover frequency and the audio content, the system is able to crank out more sound -- without the slightest hint of distortion. Massive power to size ratio Cutting-edge technology and high-fidelity speakers are not all it takes to get your message across -- you need power, and lots of it.

At the heart of each EUROLIVE D Series loudspeaker are two high-current amplifiers with a total output of 550-Watts for the B212D/B215D and 220-Watts for the B210D/B208D. They're capable of driving the speakers to their maximum with no distortion -- and without speaker damage, thanks to active internal protection circuits. Put simply, they will astound you with their massive punch, smooth mids and articulate top-end! Which speaker do I need? As you've probably noticed, we make these active loudspeakers in four different woofer sizes. Which one is right for you? Well, let's start with your application. Is it spoken word in a hotel ballroom? Hard rock in a park? A folk singer or a drum 'n' bass DJ? Loud enough for an 18-year old or loud enough for your grandmother? A huge auditorium or a tiny club? Physics are physics and a 15" low frequency transducer has almost 40% more surface area with which to move air than a 12" . A 12" has 30% more area than a 10", and a 10" has 35% more than an 8" . So the easiest answer is "Whether to choose one speaker cabinet over another depends on your bass requirements." If you're addressing a small meeting, or demoing the latest "sliceo-chop-o-vegomatic" at the swap meet or county fair, the B208D might be all the speaker you'll need. But if you're providing disco to the masses at a standing room only nightclub -- or you just need to crank it up louder, then the B215D may be a better choice. Continued on next page XM1800S Electric Guitar Keyboard EPA900 EUROLIVE B210D EUROLIVE B210D and frankly, make better components, like the long-excursion LF transducers and state-of-the-art I.



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35" compression drivers we deploy in each and every EUROLIVE enclosure. @@@@ Over a year of design went into a exponential horn/aluminum dome compression driver combination that could do justice to loud hard rock or dance music -- yet could also satisfy audiophiles with i appearance subject to change without notice. The information contained herein is correct at the time of printing. BEHRINGER accepts no liability for any loss which may be suffered by any person who relies either wholly or in part upon any description, photograph or statement contained herein. All trademarks (except BEHRINGER, the BEHRINGER logo, JUST LISTEN, EUROLIVE and XENYX) mentioned belong to their respective owners and are not affiliated with BEHRINGER.
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