

active loudspeaker system

110A

- La cassa bass reflex costruita in multistrato di betulla ad incollaggio fenolico utilizza componenti di alta qualità costruiti secondo nostre specifiche:

- woofer da 10" ad alta efficienza
- driver a compressione da 1" con tromba esponenziale

- Amplificatore a MosFet con un processore attivo dedicato che ottimizza la linearità della risposta in frequenza ed il rendimento del sistema.

Potenza di uscita:

150 W continui, 230 W di picco

- Il pannello di controllo è dotato di ingressi sbilanciati XLR (collegati in parallelo), controllo di volume, presa di rete (fusibile incorporato), interruttore di rete.

- La caja bass-reflex de 2 vías, construida en multicapa de abedul con cola fenólica, utiliza componentes de alta calidad realizados según nuestras especificaciones:

- woofer de 10" de alta eficiencia
- driver a compresión de 1" con bocina exponencial.

- Amplificador de potencia MosFet (clase A-B) controlado por un procesador dedicado que optimiza la dinámica y la respuesta en frecuencia del sistema.

Potencia de salida:

150 W continuos, 230 W de pico

- El panel de controles dispone de entradas desbalanceadas XLR en paralelo, control de volumen, toma de red (fusible incorporado), interruptor de red.



- Die Bassreflexbox aus Mehrfach phenolverleimtes Birkenholz verfügt über hochqualitative Komponenten, nach Montarbo-Angaben speziell gefertigt:

- 10" Hochleistungsbaulautsprecher
- 1" Treiber mit Exponentialhorn

- Eingebaute MosFet-Endstufe (Klasse A-B) mit einem Aktivprozessor der die Linearität des Frequenzgangs und die Leistung des Systems optimiert.

Ausgangsleistung:

150 W Dauerleistung, 230 W Spitzenleistung

- Das Anschlußfeld verfügt über parallelgeschaltene, unsymmetrische XLR Buchsen, Lautstärke-Regler, Netzbuchse mit eingebauter Sicherung, Netzschalter.

- Le baffle bass-reflex à 2 voies, en bouleau multipli à encollage phénolique est équipé de composants de haute qualité, construit selon nos spécifications:
- woofer de 10" à haute efficacité
- driver à compression de 1" avec trompe exponentielle.

- Amplificateur de puissance à MosFet (classe A-B) incorporé, contrôlé par un processeur actif spécialisé qui optimise la linéarité de la courbe de réponse et le rendement du système.

Puissance de sortie:

150 W continuos, 230 W de crête

- Le panneau de contrôle est équipé de entrées asymétriques XLR en parallèle, contrôle du volume, prise secteur avec fusible incorporé, interrupteur on/off.

110A
150 W continuos
230 W peak

Montarbo 110A has been developed to combine a high level of performance with a compact and lightweight design among the entry-level professional loudspeaker systems.

Engineered with applications like small PA, band, conference and rehearsal room in mind, it provides a very high sound pressure level over an extended frequency range. Thanks to a tight coupling between amp and loudspeakers, its acoustic pressure measured against its weight puts it in a class by itself in terms of portability and convenience of use. 110A conforms to the standard of reliability and long operating life that you've come to expect from Montarbo products. It offers a high value for money thus meeting the requirements of users looking for both performance and affordability in a multipurpose professional loudspeaker system.

- The bass reflex enclosure, constructed from birch multiply, is equipped with high quality custom designed components: a 10" high efficiency woofer for the low frequencies and a 1" compression driver with exponential horn for the mid-high frequencies.

- Dedicated, A-B class, MosFet power amplifier, controlled by an active processor designed to optimize the linearity of the frequency response as well as the working performance of the system.
- The control panel is fitted with unbalanced XLR inputs (wired in parallel), volume control, power supply socket with built-in fuse, mains power switch.

Montarbo



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Designed and manufactured in Italy by:

Montarbo



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SPECIFICATIONS

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- Enclosure
- Components
 - bass frequencies
 - high frequencies
- Crossover
- Frequency response
 - bass
 - mid/high
- Sensitivity (1W, 1m)
- Max SPL
- Built-in amplifier
- Max output power
- Frequency response
- Input impedance
- Input sensitivity
- Equivalent input noise
- Connections
- Construction
- Finishing
- Dimensions (wxhxd)
- Weight:

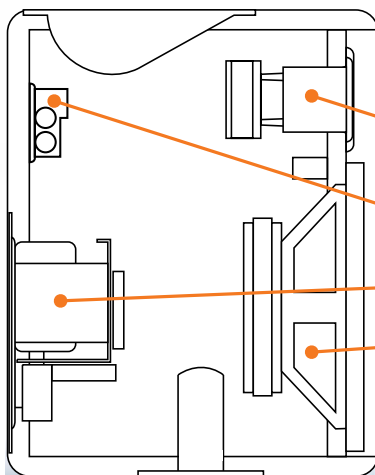
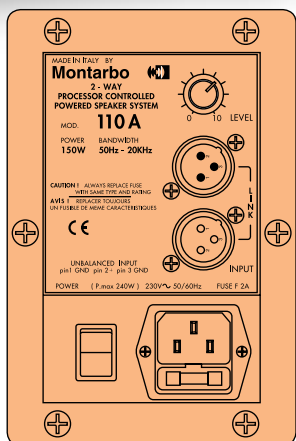
110A

- 2-way bass reflex
- custom designed
- 10" high efficiency woofer
- 1" compression driver with exponential horn
- 2500 Hz / 12dB/oct.
- 50Hz + 20kHz
- 50Hz + 2,5kHz
- 2,5kHz + 20kHz
- 100dB
- 124dB
- MosFet (Class A-B), processor controlled
- 150 W continuous (8Ω/0,1%THD)
- 230 W peak
- 10Hz + 40kHz ± 1dB
- 10KΩ (unbalanced)
- 0dB (775mV)
- 110dB (A weighted)
- Unalanced XLRs (male+female) wired in parallel
- Phenil-glued multiply birch
- Polyurethane resin
- 33 x 41 x 32 cm
- 14 Kg

Components and construction are in line with the highest professional standards to provide maximum reliability.



- transport handle
- tuning ports
- phenyl-glued multiply birch
- protection grid



- 1" compression driver (voice coil Ø: 25mm) with exponential horn
- crossover
 - frequency: 2,5kHz
 - slope: 12dB/oct
- processor controlled 150 W MosFet power amplifier
- 10" custom designed high efficiency woofer

