

M11A

active stage monitor for professional applications



180 W continuous
250 W peak

ergonomically
designed handle

1.5 mm steel grill

side control panel

low turbulence
tuning port

highly resistant, antiscratch,
polyurethane paint



- high sound pressure level with maximum definition
- absolutely flat frequency and phase responses
- low susceptibility to feedback
- excellent intelligibility, no distortion or coloration
- construction and components conform to the highest professional standards for maximum reliability
- complete synergy of acoustic and electronic design elements
- components (B&C) are custom designed to Montarbo specifications
- dedicated power amplifier and control electronics
- strong and sturdy cabinet with highly resistant polyurethane paint finish and 1,5 mm thick steel protection grid
- all controls and connections are conveniently placed on one side of the cabinet for increased ease of use
- ergonomically designed handle, balanced to the box's center of gravity, make transport easier.

Whether on the hottest stage or in a small club, accurate voice reproduction and maximum coherence of the acoustic image are indispensable to give one's best. M11A meets the requirements for an affordable, compact, self-powered stage monitor with professional quality sound. The combination of a 10" woofer with a horn-loaded 1" compression driver is capable of a truly high sound pressure, and the frequency response extends to 50Hz at the low end, thus able to satisfy the musicians' requirement in the most diverse music genres. Its small footprint ensures superior handling and ease of use also on the smallest stages.

Montarbo



Specifications M11A

Enclosure	2-way vented box, low turbulence ports
• Components:	B&C - custom designed
- bass frequencies	10" high efficiency woofer
- mid/high frequencies	1" compression driver loaded by a 90° x 70° constant directivity horn
• Impedance	8 ohms
• Frequency response:	50 Hz ÷ 20 kHz
- bass frequencies	50Hz ÷ 2500 Hz
- mid/high frequencies	2500 Hz ÷ 20 kHz
• Electronic crossover	2500 Hz, 18dB/octave
• Sensitivity (1W / 1m on axis)	100 dB SPL 1W, 1m
• Max SPL	124 dB
Built-in power amplifier	MosFet (class AB) processor controlled
• Max. output power:	180 W continuous (8 Ohms, @ 0.1% THD) 250 W peak
• Frequency response	10Hz ÷ 40kHz ±1dB
• Input impedance and sensitivity	10k Ohms / 0dB
• Noise referred to input	-110dB (A weighted)
Connections	balanced Neutrik Combo® input (XLR + 1/4" jack) balanced XLR output (link)
Construction	Multiply birch; polyurethane paint; powder coated steel protection grille; carrying handle.
Dimensions (w x h x d):	31 x 37,4 x 51 cm
Weight:	13,2 kg

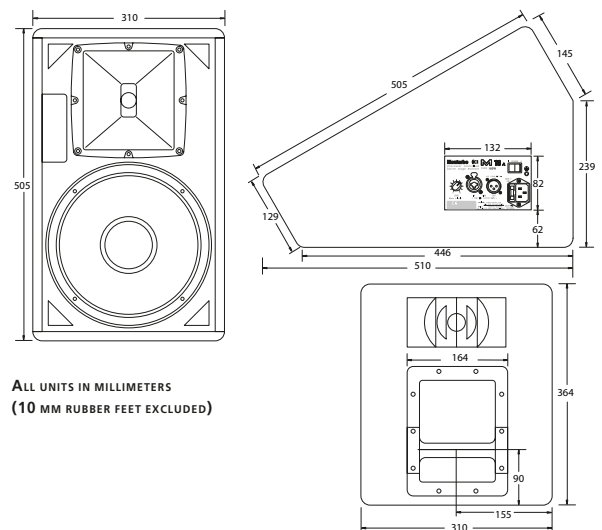
The unit comes supplied with 10-meter screened signal cable (XLR- XLR) and 2-meter power supply cable

M11A incorporates custom designed components along with dedicated control electronics and amplification:

- a 10" woofer and a 1" compression driver coupled with a rotatable constant directivity horn (Montarbo design).
- class AB Mosfet amplifier fitted with our exclusive loudspeaker protection circuitry and controlled by a dynamic processor which optimises the specific features of each component and assures high sound pressure levels with minimal power compression.
- passive crossover (2500Hz, 18dB/oct.) guaranteeing phase coherency and perfect addition of acoustic emissions in the crossover region.
- a 'soft-start' circuit to reduce the peak current drain at switch-on.

M11A incorpora componenti realizzati su nostre specifiche, amplificazione ed elettronica di controllo dedicate:

- un woofer da 10" ed un driver a compressione da 1" accoppiato ad una tromba ruotabile (Montarbo) a direttività costante.
- amplificatore a MosFet, classe AB, dotato di un circuito di protezione attiva dei trasduttori e di un processore dinamico che controlla e ottimizza le caratteristiche dei componenti, assicurando elevate pressioni sonore e riducendo altresì gli effetti della power compression.
- un crossover passivo (2500Hz, 18dB/oct.) garantisce l'allineamento di fase e la perfetta sovrapposizione dell'emissione nella zona d'incrocio.
- un circuito "soft-start" riduce i picchi di corrente all'accensione.



The control panel is fitted with:

- Balanced input (using a Neutrik Combo® combined jack-XLR connector).
- Balanced XLR output (link) allows parallel connection of other active systems.
- Master volume control.

Il pannello controlli dispone di:

- Ingresso bilanciato su presa Neutrik Combo® (accetta sia XLR che Jack).
- Uscita (link) bilanciata su presa XLR per il collegamento in parallelo di un altro sistema.
- Controllo di volume generale.



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