

ART 500A

ACTIVE SPEAKER SYSTEM

- 15" diameter - 3" voice coil woofer
- 2" titanium new generation compression driver
- 80° x 60° constant directivity polynomial horn
- 'HRC' (horn resonance control) technology
- Twin integrated monolithic high efficiency power amplifiers
- Complete protections
- Input limiter
- Balanced XLR input and output connectors
- Switchable MIC/LINE input sensitivity
- Switchable equalisation cells for music or voice
- Input gain control
- Processor limiter function led indicator
- Male / female IEC power connectors
- Twin hand grasps
- Internal insert for optional speaker stand (SP)
- Internal M10 & M8 threaded inserts for optional mounting hardware
- Protective loudspeaker grille
- Road tough construction and lightweight portability
- Wood polypropylene composite structure



SPECIFICATIONS

MODEL	ART 500A
TYPE	2 - way bass reflex speaker system
COMPONENTS	15" diameter - 3" voice coil woofer 2" titanium compression driver
ANGLE OF COVERAGE	80° x 60° (horn directivity)
FREQUENCY RESPONSE	40 Hz - 20 kHz
MAX. SPL (1 m)	126 db (Nominal Power)
MAX. SPL (1 m)	129 db (Peak Power)
PROCESSOR SECTION	
CROSSOVER FREQUENCY	1200 Hz
CROSSOVER SLOPES	24 dB/Oct
SPEAKER PROTECTION	Thermal
AMPLIFIERS SECTION	
NOMINAL POWER	400 W LF, 100 W HF
MUSICAL POWER	800 W LF, 200 W HF
PROTECTIONS	Thermal - Limiter - Short circuit
AUDIO CONNECTIONS	In/Out balanced XLR
INPUT SENSITIVITY	LINE: 0 dB - MIC -20 dB
INPUT IMPEDANCE	LINE: 21 k Ω (bal.) - 10.5 k Ω (unbal.) MIC : 1.3 k Ω (bal.) - 670 Ω (unbal.)
CONTROLS	Master volume Music push-switch: + 4,5 dB at 100 Hz, + 2,8 dB at 10kHz Voice push-switch + 3 dB at 2,2 kHz, + 2,7 dB at 10 Khz Line/Mic sensitivity push-switch
LED INDICATORS	Operate / Protection
PROTECTIONS	Thermal - Limiter - Short circuit
POWER SUPPLY	115 / 230 Vac ($\pm$ 5%) - 50-60 Hz
CONSUMPTION	900 VA
ENCLOSURE	
ENCLOSURE MATERIAL	Loaded polypropylene, multilayer wood
COLOUR	Anthracite grey
INSERTS	4 M10 + 2 M8 threaded inserts for brackets, and insert for stand-mounting with threaded locking
DIMENSIONS (H x W x D)	740 x 454 x 375 mm
INTERNAL VOLUME	75 litres
NET WEIGHT	38 kg