

# ART 300A

## ACTIVE SPEAKER SYSTEM

- 12 inch low frequency woofer
- 1 inch new generation compression driver coupled with 90x75 polynomial horn design
- Switchable mic/line input
- Balanced XLR input and output connectors
- Switchable equalisation cells for music or voice
- Bi-amplified monolithic high efficiency power amplifiers
- Full protections
- Input limiter
- Input gain control
- Hand grasp
- Internal insert for optional speaker stand (SM or SP)
- Internal M10 threaded inserts for optional mounting hardware
- Male IEC power input connector
- Female IEC power connector
- Protective loudspeaker grill
- Road tough construction and light weight portability



### SPECIFICATIONS

MODEL	ART 300A
CODE NO.	T31.10.156
TYPE	Powered speaker system, bass reflex
COMPONENTS	1 woofer Ø 300 mm (12") 1 compression driver (1"), horn loaded
ANGLE OF COVERAGE	90° x 75° (horn directivity)
FREQUENCY RESPONSE	55 - 20,000 Hz
MAX. SPL	123 dB/1 m in anechoic chamber
MAX. SPL	126 dB/1 m peak power
<b>PROCESSOR</b>	
CROSSOVER FREQUENCY	1800 Hz
CROSSOVER	24 dB/oct
TIME ALIGNMENT	Analogue - 0.3 msec
SPEAKER PROTECTION	Thermal - Over-exursion
<b>AMPLIFIER</b>	
POWER	300 W LF - 60 W HF
INPUT SENSITIVITY - IMPEDANCE	Mic. Input/XLR : 10 mV 670 Ω unbalanced - 1.3 kΩ balanced Line Input/XLR : 775 mV 10 kΩ unbalanced - 21 kΩ balanced
SIGNALS	Operate - Protect
PROTECTION	Thermal - Limiter - Short circuit
CONTROLS	Master gain control Music EQ switch : + 10 dB 100 Hz · + 9 dB 10 kHz Voice EQ switch : + 3 dB 2.2 kHz · + 4.5 dB 10 kHz Line/Micro Switch
POWER SUPPLY	115/230 Vac - 50/60 Hz
<b>ENCLOSURE</b>	
ENCLOSURE MATERIAL	Loaded polypropylene
COLOUR	Anthracite grey
INSERTS	4 M10 threaded inserts for brackets, and insert for stand mounting with thread locking
DIMENSION (W x H x D )	390 x 620 x 312 mm (15.36 x 24.41 x 12.28 in.)
INTERNAL VOLUME	48 litres
NET WEIGHT	20 kg