



HDM 45-A

ACTIVE TWO-WAY PROFESSIONAL SPEAKER



Description

The HDM 45-A speaker boosts the performance with a top-quality two channel amplifier, RDNet networked management, RCF precision transducers, the FIRPHASE processing, and a rugged cabinet. While being one of the most powerful speakers in composite material in its category, it delivers clear, detailed and smooth sound from low to very high levels, with low distortion and fast transient response. The HDM concept is inspired by the touring industry, packing in an elegant and lightweight cabinet the maximum reliability and strength for intensive use on the road. Perfect as a main front of house speaker in PA systems, high-powered floor monitor, or unobtrusive infill system when combined with the RCF HDL System speakers.

Features

- › 133 dB Max SPL
- › 2200 Watts two-way power
- › Innovative DSP Processing with FIRPHASE
- › 650 Hz crossover point for perfect vocal reproduction

- › 15" Neodimium Woofer, 3.5" v.c.
- › 1.4" throat Titanium Compression Driver, 4.0" v.c. Neodymium
- › 90°x60°, wide dispersion constant directivity horn
- › RDNet compatible
- › Silent Fanless Class-D Amplifier
- › Ultra-Light weight

Part Number

13000593 HDM 45-A	EU	90-240 V	Black	EAN 8024530016791
13000665 HDM 45-A	US	90-240 V	Black	EAN 8024530017613



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	TECHNICAL SPECIFICATIONS		
Acoustical specifications	Frequency Response	45 Hz ÷ 20000 Hz	
	Max SPL @ 1m	133 dB	
	Horizontal coverage angle	90°	
	Vertical coverage angle	60°	
Transducers	Compression Driver	1.4" neo, 4.0" v.c	
	Woofers	15" neo, 3.5" v.c	
Input/Output section	Input signal	bal/unbal	
	Input connectors	XLR, RDNet Ethercon	
	Output connectors	XLR, RDNet Ethercon	
	Input sensitivity	-2 dBu/+4 dBu	
	Mic. Input Sensitivity	-32 dBu	
Processor section	Crossover Frequencies	650 Hz	
	Protections	Thermal, HF	
	Limiter	Fast Limiter	
	Controls	proces., 8 sel. presets	
	RDNet	Yes	
Power section	Total Power	2200 W Peak, 1100 W RMS	
	High frequencies	600 W Peak, 300 W RMS	
	Low frequencies	1600 W Peak, 800 W RMS	
	Cooling	Convection	
	Connections	Powercon IN/OUT	
Standard compliance	Safety agency	CE compliant	
	EN54-16 certified	Yes	
Physical specifications	Cabinet/Case Material	PP Composite	
	Hardware	1 x M10 top, 1 x M10 bottom, 2 x M10 side	
	Handles	1 Top, 2 Side	
	Pole mount/Cap	35 mm insert	
	Grille	Steel	
	Color	Black	
Size	Height	714 mm / 28.11 inches	
	Width	442 mm / 17.4 inches	
	Depth	397 mm / 15.63 inches	
	Weight	22 kg / 48.5 lbs	
	ACCESSORIES		
Rigging / Mounting	FLOOR STANDS		
	13360109 AC PRO-FS	Black	EAN 8024530006471
	FLYING BRACKETS		
	13360031 AC EB 4X		EAN 8024530018870
	POLE MOUNT KITS		
	13360232 AC PMX		EAN 8024530010058
	13360110 AC PRO-PM	Black	EAN 8024530006488
	13360067 PM-KIT M20	Black	EAN 8024530014599
Protections	COVERS		
	13360438 CVR HD 15		EAN 8024530016708
Cables	CABLES KIT		
	13360102 AC XLR 3M3F		EAN 8024530006402