

HD 31EN

PLASTIC HORN SPEAKER

DESCRIPTION

HD 31EN is a 30W horn loudspeaker compliant with EN 54-24 standard. Thanks to IP66 protection and its UV resistant ABS housing and it is suitable for both indoors and outdoors applications. It can be easily aimed towards any direction through the adjustable wall-mount bracket, and can be used in sound systems having large spaces, for instance supermarkets, railway stations, undergrounds, factories, warehouses, etc. and also in all environments that need high efficiency loudspeakers grade. Equipped with transformer for 100 V / 70 V constant voltage lines, internal power setting and ceramic terminal strip to link cables, it also has a thermal fuse that prevents damages to the audio line due to heat.



FEATURES

- Horn speaker with 30W driver
- UV stabilized self-extinguishing ABS body
- Suitable for indoor and outdoor use (thanks to IP 66 protection)
- Transformer for 100 V (/ 70 V) constant voltage connection
- Ceramic terminals for input and output cables connection
- Internal power selection and thermal fuse to protect the audio line from heat
- Colour grey RAL 7035

TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response (-10dB):	410 Hz ÷ 10000 Hz
	Max SPL @ 1m:	115 dB
	Max SPL @ 4m:	103 dB
	Coverage angle:	95°
	System Sensitivity:	98 dB
	System Sensitivity 1W @ 4m:	86 dB
Power section	Power Handling:	30 W RMS
	Peak Power Handling:	120 W PEAK
	Recommended Amplifier:	60 W
	Protections:	Thermal fuse
Transducers	Compression Driver:	1.5"
Input/Output section	Input connectors:	Ceramic screw terminals
	Output connectors:	Ceramic screw terminals
	Constant Voltage Transformer:	70/100 V
	Power selection 1 (100 V):	30 W - 333 ohm
	Power selection 2 (100 V):	15 W - 667 ohm
	Power selection 3 (100 V):	7.5 W - 1333 ohm
	Power selection 4 (100 V):	3.75 W - 2667 ohm
Standard compliance	IP protection grade:	IP 66
	EN54-24 certified:	Yes
	CE marking:	Yes
	CPR number:	1488-CPR-0584/W
Physical specifications	Cabinet/Case Material:	ABS
	Hardware:	Stainless steel bracket
	Color:	Grey
Size	Depth:	325 mm / 12.8 inches
	Diameter:	233 mm / 9.17 inches
	Weight:	2.01 kg / 4.43 lbs
Shipping informations	Package Height:	326 mm / 12.83 inches
	Package Width:	234 mm / 9.21 inches
	Package Depth:	234 mm / 9.21 inches
	Package Weight:	2.51 kg / 5.53 lbs

PART NUMBER

- **13100004**

HD 31EN

EAN 8024530013691

DRAWINGS





