



# CHA530

## 2-Way horn loudspeaker 5"

### Highlights:

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- 1" HF Horn tweeter
- 5" low frequency loudspeaker
- Multi-tapping 100V line transformer
- IP66 Ingress protection
- 30 Watt RMS power

The CHA530 is a 2-way horn loaded loudspeaker which is designed for long-throw, full range reproduction of music and speech in a wide variety of indoor and outdoor applications.

The construction is composed of a 1" high frequency compression driver and a 5" mid/low frequency driver. The selection of high-quality components and acoustic engineering craftsmanship makes the CHA530 significantly better performing than other traditional horn speakers. A smooth frequency response and high efficiency ensures an extraordinary clarity of speech and extended frequency response for music.

It features an RMS power handling of 30 Watt and a max power handling of 60 Watt. The sensitivity measures 98 dB while a maximum continuous SPL of 113 dB can be achieved. The frequency response ( $\pm 3$  dB) starts from 110 Hz up to 16 kHz.

A multi-tapping line transformer allows connection of the speaker in 100 Volt and 70 Volt public address systems. Various power tapings for 30 Watt, 15 Watt, 7.5 Watt and 3.75 Watt are available.

The enclosure is constructed using high quality UV and impact resistant ABS materials and an included stainless steel mounting bracket allows secure mounting and tilting for perfect directional placement. This makes it comply with IP66 ingress protection requirements, resulting in a weatherproof solution for permanent outdoor installation.

Connection of the loudspeaker is done using a screw terminal block connector located in a waterproof connection box on the rear of the speaker.

### Applications:

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- Corporate spaces
- Sport facilities
- Public facilities
- Retail



## System specifications:

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Speaker type		2-way horn speaker
Max. Power		60 W
RMS Power		30 W
Line Transformer Tappings	1	30 W / 333 $\Omega$
	2	15 W / 667 $\Omega$
	3	7.5 W / 1330 $\Omega$
	4	3.75 W / 2660 $\Omega$
Sensitivity (1W/1m)		98 dB
Sound Pressure (Max. W/1m)		113 dB
Frequency	Response ( $\pm$ 3 dB)	110 Hz - 16 kHz
Crossover	Type	Passive built-in
Dispersion	Horizontal	110°
	Vertical	60°
Ingress Protection rating		IP66
Drivers		5" MF / LF Woofer
	HF	1" HF Horn tweeter
Connection		Screw terminal

## Product Features:

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Dimensions	310 x 215 x 330 mm (W x H x D)
Weight	4.7 kg
Construction	Impact & UV resistant ABS
Mounting & handling	Stainless wall bracket
Colours	Light grey (RAL7035)