

### Highlights:

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- 1" HF Horn tweeter
- 5" Low frequency loudspeaker
- IP66 Ingress protection
- 30 Watt RMS power
- Multi-tapping 70V / 100V line transformer

### Product information:

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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.

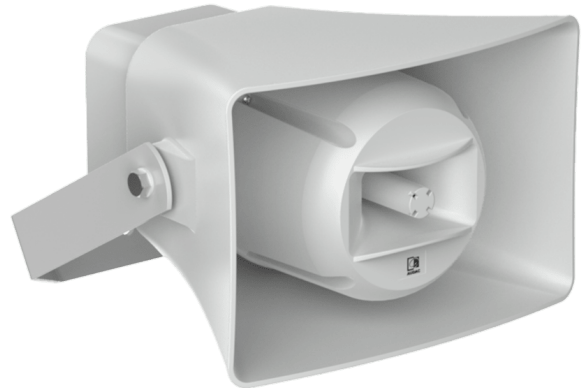
A multi-tapping line transformer allows the speaker to be used in 100 Volt and 70 Volt public address systems. It is connected using a waterproof rotatable AWX-5 connector whereby the desired power tap is selected depending on the rotation of the connector. Various power tappings for 30 Watt, 15 Watt, 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.

### Applications:

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- Museums & Themeparks
- Events
- Corporate
- Sporting facilities
- Retail



### Certification:

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 IP66


### Properties:

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 Weatherproof

### Voltage:

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 70-100 Volt

## Usage:



Indoor



Outdoor

## System specifications:

|                            |                        |   |
|----------------------------|------------------------|---|
| Speaker type               |                        | 2-way horn speaker                            |
| Peak power handling        |                        | 120 W   |
| Program power handling     |                        | 60 W  |
| RMS/AES power handling     |                        | 30 W  |
| Inputs                     | Connector              | -pin Euro Terminal block (Balanced)           |
| Sensitivity (1W/1m)        |                        | 98 dB   |
| Line Transformer Tappings  | 1                      | 167 $\Omega$ - 100 V / Not used - 70 V / 30 W |
|                            | 2                      | 333 $\Omega$ - 100 V / 30 W - 70 V / 15 W     |
|                            | 3                      | 667 $\Omega$ - 100 V / 15 W - 70 V / 7.5 W    |
|                            | 4                      | 1333 $\Omega$ - 100 V / 7.5 W - 70 V / 3.75 W |
| Sound Pressure (Max. W/1m) | @ 100 V                | 113 dB  |
| Frequency                  | Response ( $\pm$ 3 dB) | 110 Hz - 16 kHz                               |
| Crossover                  | Type                   | Passive built-in                              |
| Dispersion                 | Horizontal             | 110°  |
|                            | Vertical               | 60°   |
| Drivers                    | HF                     | 1" HF Horn tweeter                            |
|                            |                        | 5" MF / LF Woofer                             |
| Ingress Protection rating  |                        | IP66  |
| Connection                 |                        | AWX5™ waterproof                              |

## Product Features:

|                     |          |                                |
|---------------------|----------|--------------------------------|
| Dimensions          |          | 310 x 215 x 330 mm (W x H x D) |
| Weight              |          | 4.7 kg                         |
| Construction        |          | Impact & UV resistant ABS      |
| Colours             |          | Light grey (RAL7035)           |
| Mounting & handling |          | Powder coated steel            |
| Accessories         | Included | Mounting bracket               |