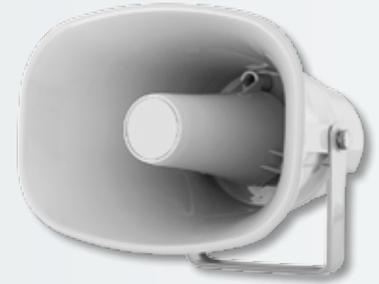


581272 (L-PHP30A) 30 W Horn Loudspeaker

- ✓ High impact fire resistant ABS material
- ✓ Lower maintenance cost
- ✓ Rust and chemical resistant
- ✓ Water and dust protected to IP 66
- ✓ CE and RoHS compliant



Overview

L-PHP30A is a 30 W full-range horn loudspeaker designed for high power handling and reliability. Taps on the primary winding allow different power settings. Housing is made of sturdy ABS fire resistant material with high strength and low weight.

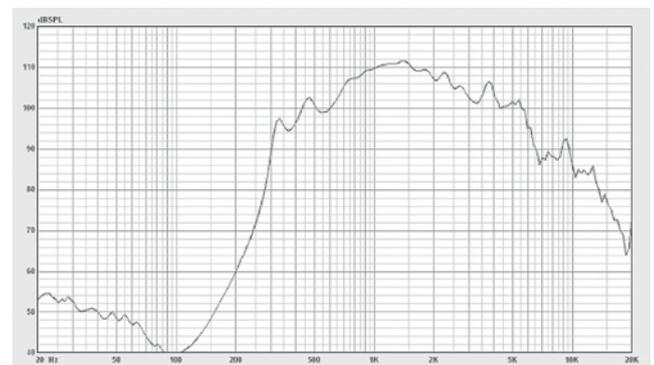
With its aesthetical and stylish design, it can be installed in various applications such as train stations, harbors, plazas, police stations, government administrations, tourist destinations, educational institutes, transport hubs and office buildings. The horn is attached with strong and adjustable mounting brackets which help to accurately direct the sound beam. The loudspeaker is CE and RoHS compliant.

Mounting

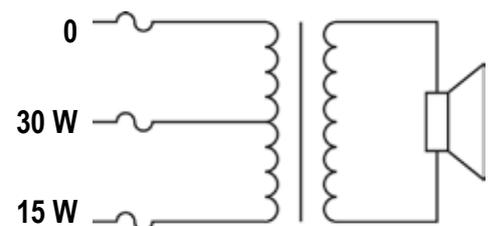
The horn loudspeaker is supplied with sturdy adjustable mounting brackets, allowing the sound beam to be accurately directed.

Power setting

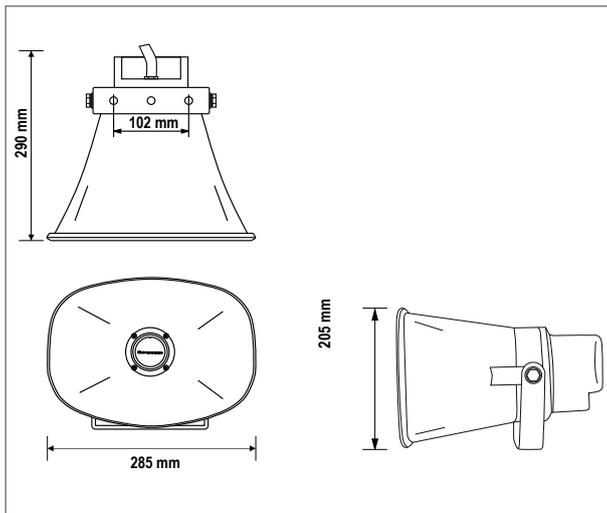
The horn loudspeaker includes a 100 V transformer with taps on the primary winding to allow different power settings. Nominal full-power, half-power can easily be selected by connecting the amplifier output to the appropriate tap.



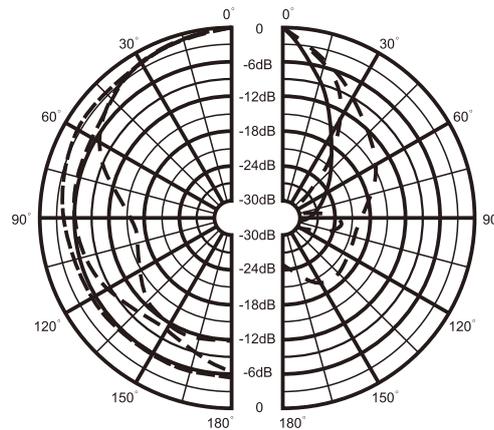
Frequency Response



Circuit Diagram



Dimensions



Polar Diagram

Specifications

Electrical

Max. power	45 W
Rated power	30 W
Power tapping	30 W / 15 W
SPL @ 30 W / 1 m (330 ~ 8 kHz)	116 dB
SPL @ 1 W / 1 m (330 ~ 8 kHz)	104 dB
Frequency range (- 10 dB)	300 Hz ~ 10 kHz
Dispersion angle (1 kHz / - 6 dB)	150 °
Rated input voltage	100 V / 70 V
Rated impedance	667 Ω / 333 Ω
Connection	Flexible wire

Mechanical

Dimensions	285 mm x 205 mm x 290 mm
Weight	2.10 kg
Color	White (RAL 9003)
Material	ABS
IP rating	IP 66

Environmental

Operating temperature	- 25 °C ... + 55 °C
Storage temperature	- 40 °C ... + 70 °C
Relative humidity	< 95 %

Order information

Part No.

Catalog description	30 W horn loudspeaker
Part number	581272
Type	L-PHP30A