

GNS-550XGN

IP56 COAXIAL SPEAKER WITH 5.25" WOOFER AND 0.75" TWEETER

Increasingly, sound systems for outdoor installations are demanding higher levels of sound quality and higher sound pressure levels.

Whether in gardens, parks, patios or other outdoor locations, these speakers are designed to provide extremely wide sound quality and coverage.

The HELVIA GNS-550XGN loudspeaker is designed for gardens, terraces, outdoor restaurants, parks and generally any outdoor or indoor location where the speaker base can be buried. The 60W RMS coaxial speakers, with 5.25" woofers and 0.75" titanium tweeters, deliver good frequency response and excellent sensitivity. The downward orientation of the transducers and the conical structure of the reflective surface under the woofer allow 360° horizontal and 40° vertical coverage, which means that with 2 or 4 speakers you can cover a medium-sized garden or patio. Of course, it all depends on the level of music you want to provide (background or medium/high volume).

The polypropylene construction of the GNS-550XGN is designed to last under constant exposure to all weather conditions. In particular, UV treatment prevents rapid deterioration of the plastic properties when exposed to sunlight. The IP56 protection rating, combined with the protected position of the loudspeaker at the top of the cabinet and facing downwards, prevents direct exposure to water and mud and greatly extends its life.

Next to the woofer, also in a protected position, is a 7-position power switch that allows the speaker to be adapted to different line types (70V, 100V, 8?) and power levels.



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HIGHLIGHTS



TOP-NOTCH SOUND IN ALL WEATHER CONDITIONS

Facilities for relaxation and socializing within the accommodation (gardens, verandas, terraces, parks, etc.) are very common and are almost always a real asset for restaurants, hotels, theme parks, villas and tourist attractions in general. Very often, however, little attention is paid to sound quality and you almost always end up with poor quality speakers that are not designed to withstand prolonged exposure to rain, mud and sun. The result is almost always poor and destined for constant refurbishment, because after a summer or winter season you can see how loudspeakers worn out.

HELVIA's GNS-550XGN garden speakers are a compact, durable and high-quality audio alternative, thanks to selected coaxial speakers and materials designed to withstand prolonged exposure to all weather conditions and anti-UV treatment.

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SUPERB AUDIO QUALITY

The coaxial transducer is the heart of the GNS-550XGN. The 5.25" woofer has a polypropylene cone and rubber surround; the tweeter has a 0.75" coil and titanium dome. These characteristics give a frequency response of 60Hz to 20kHz with good uniformity and sensitivity.

The position of the transducer at the top of the cabinet with the magnet pointing upwards and the cone downwards, and the presence of a waveguide to balance the horizontal coverage, results in excellent uniformity and 360° horizontal coverage. Large areas can be covered with just one loudspeaker, depending on the sound pressure level required.



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PRODUCT DETAILS

KEY FEATURES

IP56 Speaker for Outdoor or Indoor Applications

60W RMS (240W Peak)

Line transformer for 70V, 100V and 8ohms operation

5.25" Coaxial Speaker with 0.75" Titanium Tweeter

360° Horizontal Coverage (40° vertical)

Polypropylene Cabinet with anti-UV treatment for all-weather use

SPECIFICATIONS

RMS Power	60W
Impedance	8?
Sensitivity	88dB (1W @ 1m)
Frequency Response	60Hz-20kHz
Power Taps @100V	2W-4W-8W-16W-32W & 8?
Power Taps @ 70V	1W-2W-4W-8W-16W-32W & 8?
Woofer Type	5.25" Polypropylene Cone with Rubber Edge
Tweeter Type	0.75" (20mm) Titanium Dome Tweeter
Coverage (HxV)	360° x 40°
Crossover	7kHz - 12dB/Octave (da verificare)
Connection	Raw Cable (See Manual for details)

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Cabinet Material	Weather Resistant Polyethylene with UV treatment
Grid	Aluminum
Cabinet Color	Green
IP Rate	IP56
Product Size (ØxH)	355 x 375 mm (14.0 x 14.8 in)
Product Net Weight	5,5 kg (12.1 lbs.)
Packing Size (WxDxH)	435 x 425 x 450 mm (17.1 x 16.7 x 17.7 in)
Packed Weight	6,1 kg (13.4 lbs.)