

Pro 400

NewTec  
Design : Audio





# Pro 400

– a new dimension of sound

The combination of a novel aluminium membrane and a resonant body made of Corian® achieves a well-balanced, impressive performance across the entire sound repertoire at any volume level.

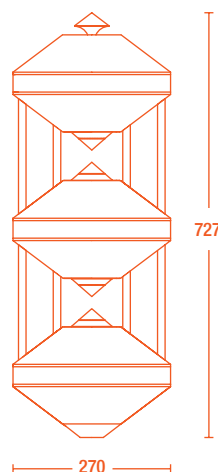
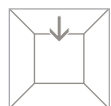
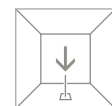
The soft sound characteristics create a pleasant, comfortable atmosphere from smooth background music up to a powerful high-end reproduction of stereo recordings with outstanding presence.

## At a glance

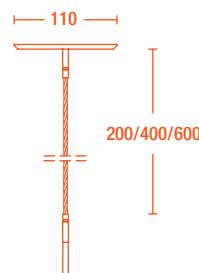
**Operating principle** Two way satellite loud speaker  
Uniform 360° sound dispersion

**Features** Unique design, variable colors  
High-quality material – Corian®  
Available as floor standing or pendant system  
Excellent voice clarity  
Superior tone quality

**Application** Excellent acoustic quality, particularly suitable for large-area coverage and for mobile use at events  
Weather resistant, suitable for use in humid and fluctuating temperature conditions



Pro 400



Ceiling mount assembly

## Application areas

Sound redefines the perception of space.

Quality acoustics promote our overall sense of well being and may extend the time we spend in bars, restaurants and customer-oriented locations.

The conical geometry of the Pro 400 produces a uniform dispersion of sound, but conceals its source. A pleasant, brilliant sound fingerprint is created through the use of an aluminium membrane. The compact design is accomplished by a technical finesse: The NewTec Twin Convex Technology features four conical membranes oriented to face each other. A tweeter, redirected by an acoustic lens, further enhances the excellent sound properties. Maximum sound quality is achieved even in the smallest space and can thus be utilized for all application areas – from smooth background sound to high-quality stereo and surround reproductions as well as professional music events.

With its size and outstanding acoustic volume, the Pro 400 is designed primarily for music events, live concerts, trade shows and event halls. Slightly modified, the Pro 400 is also suitable for high-end home theater applications.

## References

Large-area sound coverage

Event halls, department stores

Plus City Kaufhaus, Linz, Austria

## Technical Data Specifications

Name	Pro 400
Type	Two way satellite loud speaker for powerful HiFi, high-end and PA sound
Principle	Broadband 2 way unit with active radial sound in the midrange area (TwinConvex), Treble range using acoustic lens
Overall dimensions WxLxH (in sight)	Ø 270 mm x 727 mm
Weight	16.5 kg
Enclosure design	Supporting frame
Enclosure material	Corian / Aluminium, wet-on-wet process
Colors	Silver, white – All RAL colors on request
Equipment	4 NewTec M13 – 8633 by Scanspeak 1 horn tweeter CT262 by Ciare
Treble adjustment	L-pad control infinitely variable in connector
Impedance	8 Ω
Magnetic shielding	Not provided
Rated / Power capacity	400 W RMS / 650 W
Membrane material	Aluminium
Max. NewTec membrane hub	5 mm
Sensitivity (1 W, 1 m)	88 dB (+6 dB / 360°)
Maximum SPL with high-pass filter	117 dB (active high pass 120 Hz / 18 dB - octave)
Crossover frequency	6000 Hz (12dB - oct. Butterworth)
Frequency response	90 - 30 000 Hz (+/-3 dB)
Connectors	"Speakon" connector, 4-pin
Installation options	Floor standing or pendant loud speaker, connecting flange PA tripod
Accessories	NewTec: Ceiling mount assembly



