

High-performance 30W ceiling coaxial 2 ways speaker. EN 54-24 certified to sound and voice reproduction. Its broad frequency range, low distortion, and high sound pressure level ensure the delivery of intelligible voice and excellent sound.

The CH-62TN speaker comes with a fire dome. It is equipped with ceramic terminals and an isolation fuse to avoid that any damage in the unit could cause a general failure in the speaker line which is connected. These characteristics allow us to maintain the integrity and intelligibility of the system in case of evacuation.

### Features:

- EN54-24 certified ceiling speaker
- High power and voice quality
- Fireproof metal dome
- Excellent for music and speech
- Easy installation through included springs for hard or slim ceilings

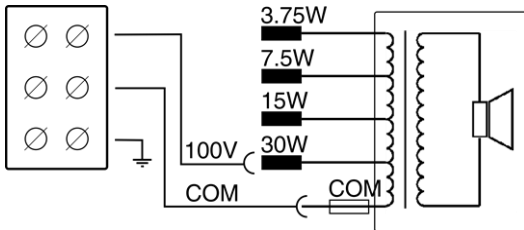


### Technical specifications:

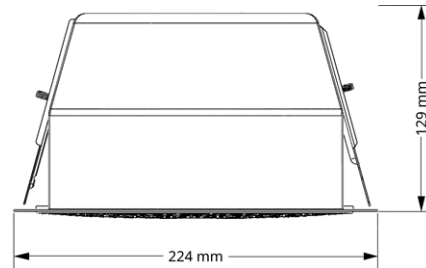
Model	CH-62TN			
Reference	LDACH62TNS01			
Speaker diameter	6.5"			
Max power	45 W			
Nominal power	30 W rms			
Connection @ 100 V	30 W / 15 W / 7.5 W / 3.75 W			
Connection @ 70 V	15 W / 7.5 W / 3.75 W / 1.8 W			
SPL (Pmax / 1m)	106 dB +/- 1dB			
SPL (1W / 1m)	93 dB +/- 1dB			
SPL (1W / 4m)	81 dB +/- 1dB			
Frequency response (- 10 dB)	100 Hz-20K Hz			
Dispersion (- 6 dB)	500Hz	1000 Hz	2000 Hz	4000Hz
	180°	165°H 170°V	130°H 140°V	55°
Nominal voltage	100 V / 70 V			
Nominal impedance	333 Ω / 666 Ω / 1.3kΩ / 2.6kΩ			
Connection	Ceramic terminal. Max section: 2.5mm <sup>2</sup>			
Thermal Fuse	115°			
Dimensions	Φ 224 mm x 129 mm			
Installation drill	Φ 195 mm			
Color	White (RAL 9016) / Red (RAL 3000)			
IP protection grade	IP44 (Type A according to EN54-24)			
Net weight	1.75 Kg/ 14 Kg			
Gross weight	2 Kg / 18.50 Kg (8 units)			
Packaging dimensions	270 x 260 x 170 mm / 580 x 550 x 380 mm (8 units)			

- The reference axis is perpendicular to the central point of the grid.
- The reference plane is perpendicular to the center of the reference axis.
- The horizontal plane is perpendicular to the central point of the reference plane.
- Acoustic environment employed: Normalized acoustic screen in an anechoic chamber.

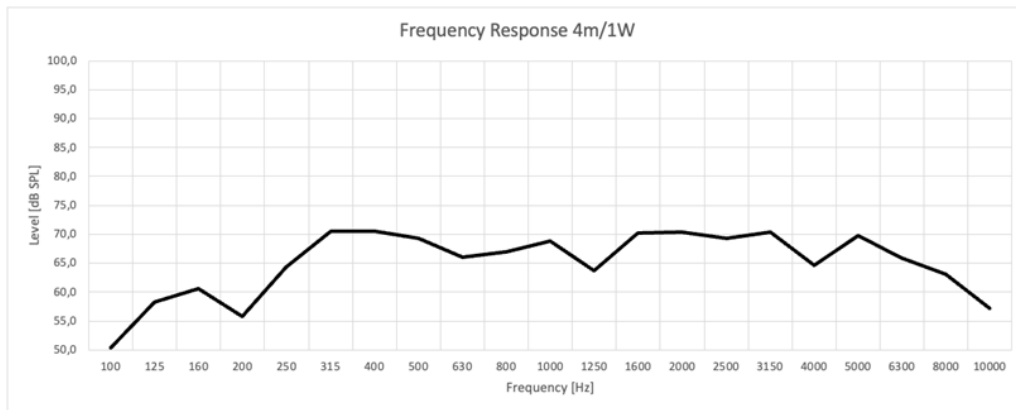
### Circuit diagram:



### Main mechanical views:



### Frequency response:



### Installation:

1. Make a hole in the false ceiling with the proper diameter.
2. If needed, remove the cap that gives access to the unit.
3. Make the connection and select the desired tapping power. Protect the installation wire using a PG-13,5 cable guide or a channeling tube (not included with the unit).
4. Place the dome inside of the ceiling and fix the brackets by bending them if needed to ensure that the support between the metallic claw and the ceiling is as flat as possible.
5. Then, compress the speaker anchor springs and place them on the dome hooks.
6. In a progressive way introduce the unit in its dome.