

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:

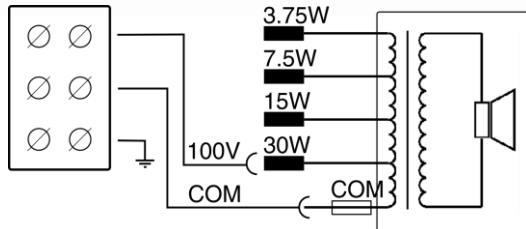
- EN54-24 certified ceiling speaker
- High power and voice quality
- Fireproof metal dome
- Excellent for music and speech
- Easy installation through included springs for hard or slim ceilings

Technical specifications:

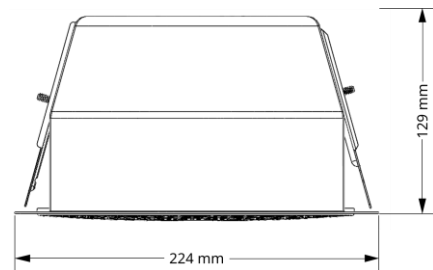
Model	CH 62TN			
Speaker diameter	6.5"			
Max power	45 W			
Nominal power	30 W rms			
Connection @ 100 V	30 W / 15 W / 7.5 W / 3.75 W			
Connection @ 70 V	15 W / 7.5 W / 3.75 W / 1.8 W			
SPL (Pmax / 1m)	106 dB +/- 1dB			
SPL (1W / 1m)	93 dB +/- 1dB			
SPL (1W / 4m)	81 dB +/- 1dB			
Frequency response (-10 dB)	100 Hz-20K Hz			
Dispersion (-6 dB)	500Hz	1000 Hz	2000 Hz	4000Hz
	180°			
Nominal voltage	100 V / 70 V			
Nominal impedance	333 Ω / 666 Ω / 1.3kΩ / 2.6kΩ			
Connection	Ceramic terminal. Max section: 2.5mm ²			
Thermal Fuse	115°			
Dimensions	Φ 224 mm x 129 mm			
Installation drill	Φ 195 mm			
Color	White (RAL 9016) / Red (RAL 3000)			

- 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:

