

LDAPCM20TNS01

The LDAPCM20TNS01 is a 20W high-performance unidirectional projection loudspeaker that complies with EN54-24 for voice alarm.

It offers high quality sound reproduction and intelligible broadcast of voice evacuation messages thanks to its high sound pressure level, low distortion and a broad frequency response range. Its high IP ensures reliable operations over wide temperature and humidity ranges making it ideal for indoor or outdoor applications.

EN 54-24



Features of the LDAPCM20TNS01:

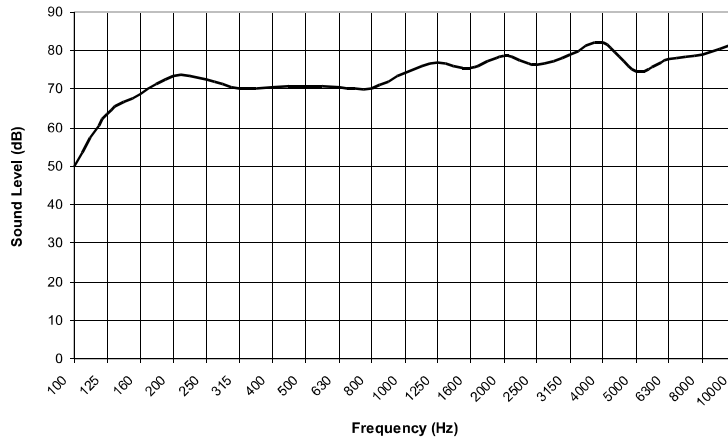
- Complies with EN54-24 standard
- Excellent sound reproduction
- Intelligible voice broadcasting
- Highly resistant - IP 65

Technical Specifications:

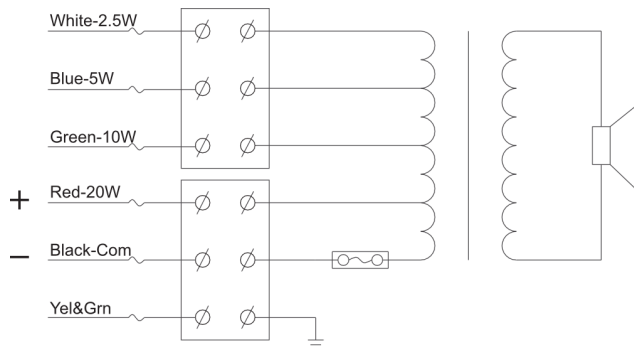
Model	LDAPCM20TNS01
Max power	30 W
Rated power	20 W
Power tapping	20 W / 10 W / 5 W / 2.5 W @100V 10 W / 5 W / 2.5W / 1.25W @70V
Rated input voltage	100 V / 70 V
Rated impedance	500 Ω / 1K Ω / 2K Ω / 4K Ω
SPL at 20W/1W (100Hz-10kHz)	101 dB (20W/1m) / 89 dB (1W/1m) 89 dB (20W/4m) / 77 dB (1W/4m)
Frequency response	150 Hz ~ 20k Hz (-10 dB)
Connection	Fire-resistant cable
Dimensions	Φ140 mm x195 mm
Weight	2.65 Kg
Color	White (RAL9003)
Speaker size	5.25"
Operating temperature	-25° to +55°

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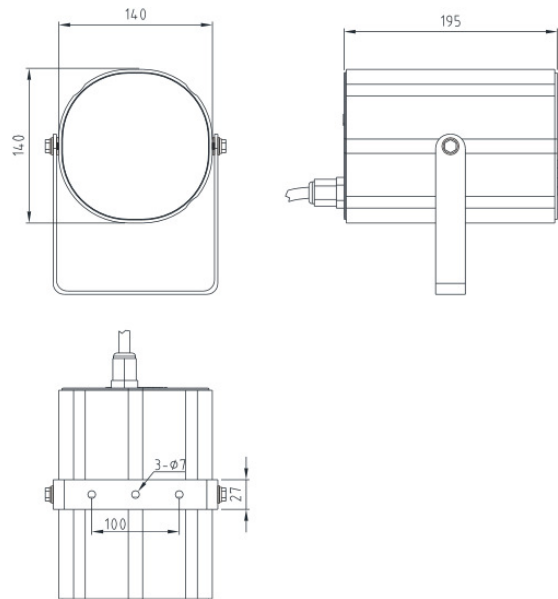
Frequency response:



Circuit Diagram



Views



Dispersion angles

		Horizontal	Vertical
1 oct. Pink noise	500 Hz	360°	360°
1 oct. Pink noise	1 kHz	214°	219°
1 oct. Pink noise	2 kHz	116°	116°
1 oct. Pink noise	4 kHz	57°	58°

Installation Instructions and Configuration

LDA Audio Tech - 31st Severo Ochoa St.- 29590 MÁLAGA, SPAIN. Tlf: +34 952028805. www.lda-audiotech.com

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Mounting

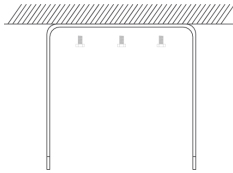
A durable bracket is provided for quick installation and flexible angle adjustment. Besides, this unidirectional loudspeaker can be ceiling mount with a bracket.

Power Setting

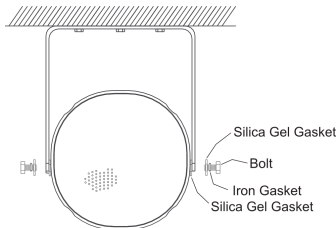
The product comes with a one-meter, fire-resistant six-core cable already attached to the ceramic connector. The cable is a bundle of wires color-coordinated corresponding to the different power taps of the transformer. The cable connector is mounted on the back cover for easy installation.

Installation Instructions

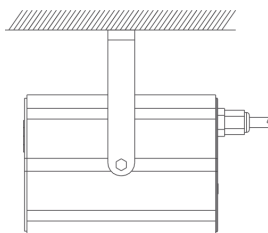
1. Remove the aluminium bracket from the carton and secure it on the ceiling or wall using the three provided mounting screws.




2. Use the screws, gasket and silicone O-ring in the accessory package to secure the speaker to the bracket according to the picture below.



3. Adjust the angle and tighten the screws on both sides.






LDAPCM20TNS01
Unidirectional Projection Loudspeaker
EN54- 24 Type B

Transformer Power Tapping:

	Red	Green	Blue	White	Black	Yel&Gm
IMP(Ω)	500	1K	2K	4K		
100V	20W	10W	5W	2.5W	Com	GND
70V	10W	5W	2.5W	1.25W		

Other technical data see LDAPCM20TN_M1_V0



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