



# PRO-70T



The PRO-70T is an acoustic box, which has an excellent quality and sensitivity. It is compound by a 6 y 1/2" woofer and a 1" tweeter, which has got an neodym magnet.

The low losses transformer allows to connect it to PA system lines.

The enclosure is made with ABS halogen-free and low resonance.

Its small size and high quality components become it in a speaker of high performances.

## Features:

- High performance and elevated power: 95 dB (1W, 1m), 50W RMS
- High quality of music and voice playback.
- Coherent frequency response and phase
- Low losses transformer for 50W @ 70V lines
- Metallic grille transparent acoustically
- Environmental treatment rate IP-55

TECHNICAL SPECIFICATIONS	
NOMINAL POWER	50 W RMS
FREQUENCY RESOPONSE	70Hz- 20kHz
SENSITIVITY	95 dB
SPEAKER IMPEDANCE	8 $\Omega$
DISPERSION	Conical: 90°
TRANSFORMER (70 V)	50W
CONNECTOR	U shape, Ceiling mounting, adjustable bracket for mounting on ceiling or wall.
DIMENSIONS (height x width x depth)	250 x 194 x 120 mm
WEIGHT	3.5 kg

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## SPECIFICATIONS FOR ENGINEERS AND ARCHITECTS

The speaker will be compound by a 6½" PP woofer, a 1" PC tweeter and a crossover filter. It will be connected to 70 and 100V lines. The range of frequencies that it will cover is comprised between 70 Hz and 20 Khz with a 95 dB sensitivity, which is measured to 1W and 1m.

The speaker will be installed horizontally and vertically, where the dispersion will be around 90°.

The enclosure will be made in ABS with a metallic grille transparent acoustically. The available colours will be grey (RAL 7016).

The shape of the box will be a 1/8 part of a 240mm radius cylinder. The dimensions will be 250 x 194 x 120 mm (height x width x depth). It will be installed in different brackets: adjustable or fixed bracket and U shape bracket.

The weight of the acoustic box will be 3.5 kg.

All the version of this product will fulfill the CE marked.

**Warranty**                    2 years

**Prodcut Code**            LDAPRO70TS01

### Sound Tests:

1.      Power:

Pink noise is introduced and amplified trough the whole band width obeying the standar IEC 60268-5. If the maximum power or the speaker is reached, the noise is cut. Then, the speaker is checked. It must not present visible damages or losses of features 100 hours or working.

2.      Sensitivity, frequency range and impedance.

It is introduced several sinusoidal impulses which have different frequency to 1W of power level from the nominal impedance of the speaker. The average sound pressure level (dB-SPL) is measured to 1 metre of distance with regard to the speaker in a anecoic environment.