

# TU 100T VA

## Horn speaker 100 W

### FEATURES

EN 54 24

- The boundary horn speaker TU 100TVA has been developed for areas with extreme high ambient noise and is suitable for indoor and outdoor application, such as tunnels.
- It is built to withstand corrosive atmospheric contaminants, high moisture levels and temperature extremes. The horn provides an enormous sound pressure level, a very balanced frequency response and also a very low distortion.
- The TU 100T VA with a flame retardant plastic housing (UL 94 V-0) in black and IP 65 protection is also equipped with a ceramic terminal and thermal fuse. The high quality 100W horn driver offers a high performance CCAR voice coil. Furthermore sturdy cable glands 2 x PG13,5 are also provided.
- Sturdy installation by rust-free V4A (A4) stainless steel brackets and screws.
- This horn speaker provides intelligible voice notifications over great distance, resulting in a lower number of loudspeakers which are required. The product is a certified voice alarm speaker according EN54-24 and there is no additional equalizer needed to meet the frequency response requirements according EN54-24. norme.



### TECHNICAL CHARACTERISTICS


MODEL	TU 100T VA								
Power	Dimensions (LxWxH)	Weight	Color	Sensitivity (1W/4W) EN 54-24	Frequency response (Hz)	Directivity 500 Hz	Directivity 1 kHz	Directivity 2 kHz	Directivity 4 kHz
100 / 50 / 25 W	1228 x 832 x 413 mm	16 kg	Black	101 dB	250 > 10 K	H : 58° V : 35°	H : 35° V : 25°	H : 40° V : 20°	H : 54° V : 15°

### MOUNTING INSTRUCTIONS

**For your safety we recommend that the installation is done by 2 persons !**

1. Mount two brackets (WH left and WH right) on the ceiling with suitable fixing material (not included).
2. Then secure the speaker to the brackets with M8x20 screws and M8 washers. Please use a torque of 16 Nm for tightening the screws of the brackets.
3. Feed the speaker through the PG gland and connect the cable to the ceramic terminal block (see the imprint of the terminal block).
4. Place the cover on the horn driver and screw it with the screws M8 x 25 and the steel and rubber washers M8.8.

**Tightening the screws of the horn drivers is done in 2 passes : tighten all 8 screws with a torque of 2.0 Nm. Then retighten all screws again with 2.0 Nm !**

 n° 1438 22 Certificate n° : 1438-CPR-0908	EN 54-24 Speaker for voice alarm systems for systems for fire detection systems and fire alarm systems in buildings
	TU 100T VA Type B