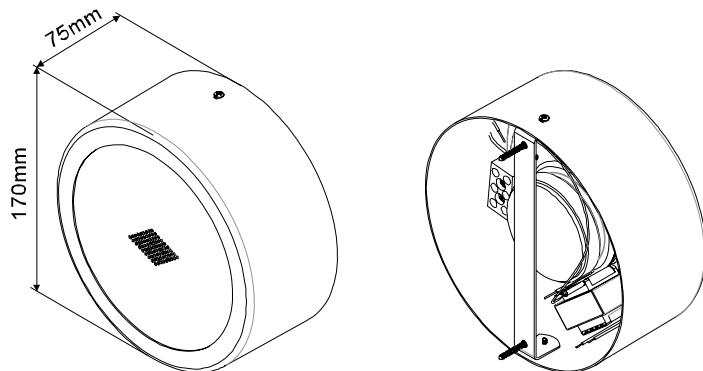




# MWC6T/EN MWC6T/ENC SPECIFICATIONS

Service . Germany: 49-6027-979875 ; France: 33-4-76992630 ; Switzerland: 41-21-8812510  
Phone . USA: 1-401-7271600 ; The Rest of Europe: 31-10-2088690(Netherlands)

“Voice alarm loudspeaker for fire detection and fire alarm system for building”



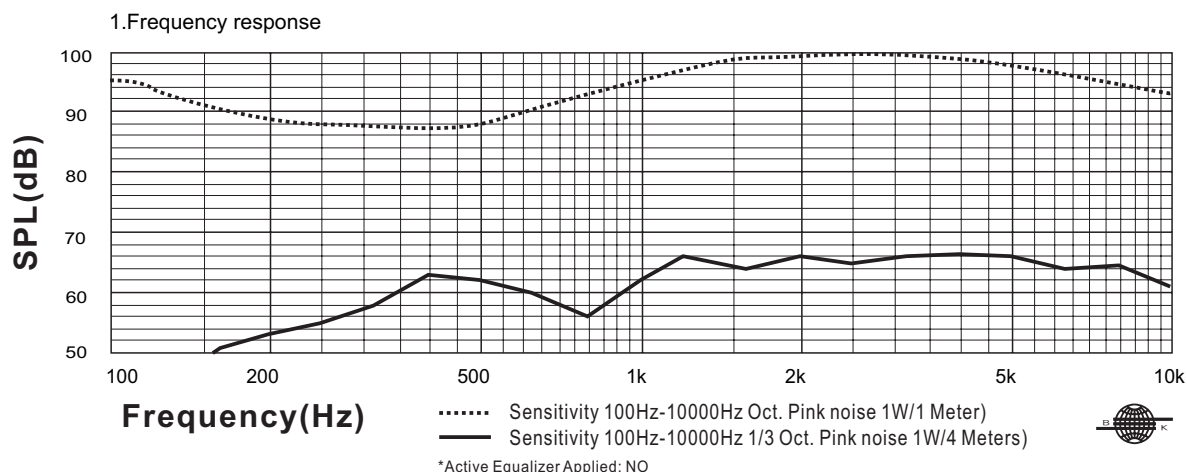
**EN54-24:2008  
0359-CPD-0151  
TYPE A**

With Transformer:

100V/70V line

	White wire plus tapping					Black
100V	0.25W	0.75W	1.5W	3W	6W	COM
70V	0.125W	0.375W	0.75W	1.5W	3W	COM
IMP.(Ω)	40K	13.3K	6.66K	3.33K	1.67K	

## Technical Specifications



### 2. Horizontal coverage angles & Vertical angles

		Horizontal	Vertical
1 Oct.Pink noise	500 Hz	186°	185°
1 Oct.Pink noise	1K Hz	166°	167°
1 Oct.Pink noise	2K Hz	103°	101°
1 Oct.Pink noise	4K Hz	29°	59°

### 3. Environmental

IP-rating.....21  
 Max/Min amb temp.....55°C / - 10°C  
 Relative humidity.....≤ 95%

### 4. Electrical

Rated power, Watts 6  
 Tappings 100 volt line, Watts 6/3/1.5/0.75/0.25  
 Transformer Impedance , Ohms 100V 1.67k/3.33k/6.66k/13.3k/40k  
 Tappings 70.7 volt line, Watts 3/1.5/0.75/0.25/0.125  
 Driver impedance, Ohms 8  
 Effective Frequency Range, Hz (BSEN60268-5) 85-18,500  
 S.P.L. @ 4m, 1watt, dB, 1/3 Octave, 1KHz 62  
 S.P.L. @ 1m, 1watt, dB, Octave 1KHz 94  
 S.P.L. @ 4m, Full power, dB, 1/3 Octave 1KHz 71  
 S.P.L. @ 1m, Full power, Octave 1KHz 101

### 5. Mechanical

Dimensions, Front & Depth, mm Φ 170x75  
 Net weight, Kgs 1.02  
 Colour (Unless Specified) RAL 9016  
 Material Steel White Paint  
 Mounting Screws & Ironing

MWC6T/EN & MWC6T/ENC has been tested in 100 hours max power (6W). The model does not deviate more than ± 3dB from the original test value. The freq. response curve and impedance complies with the original one. All SPL tests are preformed in a anechoic chamber (<70m/3).

Penton Communications Inc, Taichung, Taiwan.



EN54-24:2008 TYPE A 0359-CPD-0151

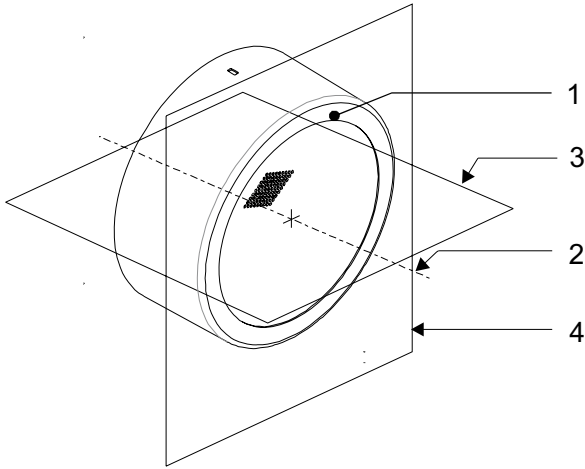


RoHS

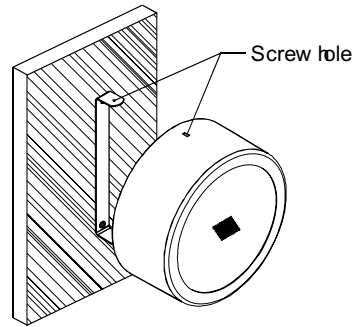
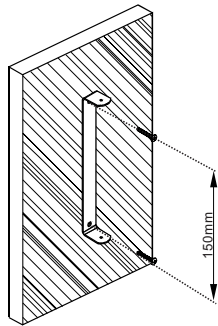


➤ MWC6T/EN

➤ MWC6T/ENC INSTALLATION GUIDE

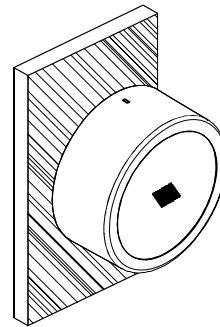
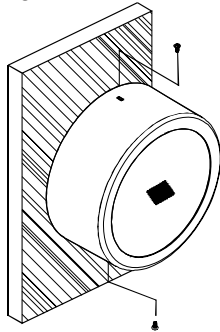


- 1.loudspeaker enclosure
- 2.reference axis
- 3.horizontal plane
- 4.reference plane



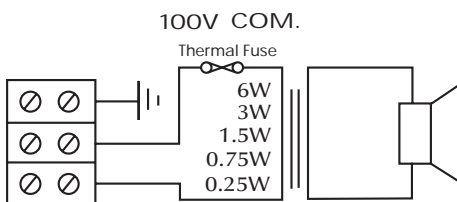
1)Offer the speaker to the wall or ceiling and mark through the mounting holes, as shown on the drawing to the top, the position required for drilling. Drill 2 holes 150mm apart.

2)Cabling can now take place, connect the 100 volt line supply to your required volume as shown on the circuit diagram.



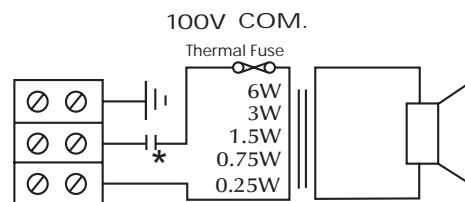
3)After drilling steel bracket and align.

4)Speaker enclosure and slide it over the steel frame using the screws mount.



**Circuit Diagram**

**MWC6T/EN**



**Circuit Diagram**

**MWC6T/ENC**  
\* with capacitor