



## TWO-WAY MUSIC PROJECTOR LOUDSPEAKER

# MPS15T/ENC



The MPS15/ENC is a weatherproof two-way music Projector Loudspeaker with a high-frequency unit, consisting of ABS plastic.

The rectangular housing is kept very compact and the power through the 15 watt transformer on a high Level. The MPS15T/ENC is perfect for areas where besides good voice quality also a very good music reproduction is important and a high sound pressure is required, such as outdoor pools, sports arenas, leisure centers on cruise ships etc.

The speaker cabinet comes with a stainless steel bar (A304 / A2). All screws consist of the same material. The MPS15T/ENC is supplied complete with a cable gland for secure connection cable feedthrough.



### EN54-24:2008 0905-CPR-201108 TYPE B

● <b>Standard</b>	Compliant to EN54-24 Compliant to BS 5839:8
● <b>Electrical</b>	
Rated power, Watts	15
Tappings 100 Volt line, Watts	15/7.5/3.75/1.875
Transformer Impedance, Ohms 100 Volt	667/1.33k/2.66k/5.32k
Tappings 70.7 Volt line, Watts	7.5/3.75/1.875/0.9375
Driver impedance, Ohms	8
Effective Frequency Range, Hz (BSEN60268-5)	70 - 16,500
S.P.L. @ 1 m, 1 Watt, dB, Octave, 100 Hz-10 kHz	97
S.P.L. @ 1 m, Full power, dB, Octave, 100 Hz-10 kHz	109
S.P.L. @ 4 m, 1 Watt, dB, 1/3 Octave, 100 Hz-10 kHz	66
S.P.L. @ 4 m, Full power, dB, 1/3 Octave, 100 Hz-10 kHz	78
Dispersion at 1k/2k Hz, Degrees	91/52 Horizontal 151/102 Vertical
● <b>Environmental</b>	
IP Rating	33
Min/Max amb temp	-25°C to 70°C
Relative Humidity	≤95%
● <b>Mechanical</b>	
Dimensions, mm	334x181x295
Net weight, kg	3.2
Colour (Unless Specified)	Grey, RAL7035
Material	Low smoke zero Halogen UL-94V0 plastic housing with UV inhibitors
Mounting	Stainless Steel U Bracket
Safety	Ceramic Block Thermal Fuse Capacitor for DC line monitoring



**ATEIS Europe B.V.**  
Celsiusstraat 1, 2652 XN Lansingerland, Netherlands  
Phone +31 (0)10 208 86 90, [www.ateis-europe.com](http://www.ateis-europe.com), [info@ateis-europe.com](mailto:info@ateis-europe.com)

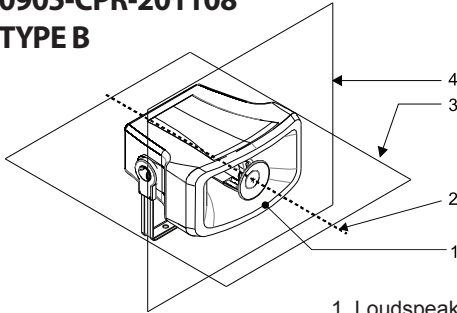




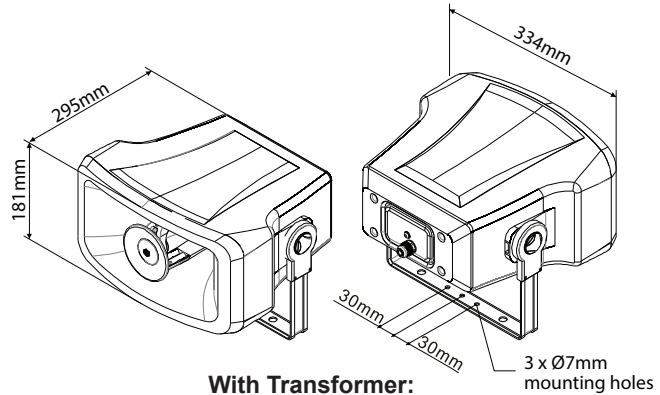
**PENTON**

# INSTALLATION GUIDE MPS15T/ENC

EN54-24:2008  
0905-CPR-201108  
TYPE B

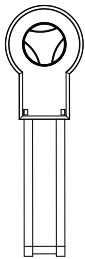


1. Loudspeaker enclosure
2. Reference axis
3. Horizontal plane
4. Reference plane

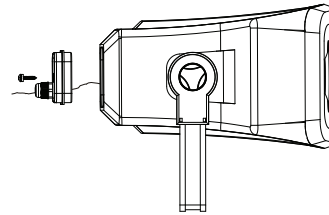
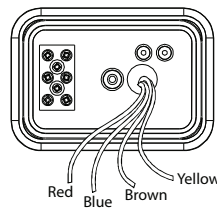


**With Transformer:  
100V/70V line**

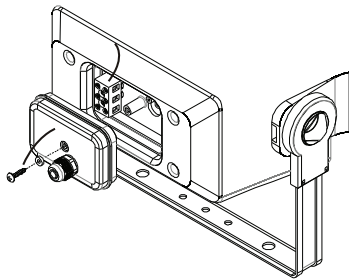
	White wire plus tapping				Black
100V	1.875W	3.75W	7.5W	15W	COM
70V	0.9375W	1.875W	3.75W	7.5W	COM
IMP (Ω)	5.32K	2.66K	1.33K	667	



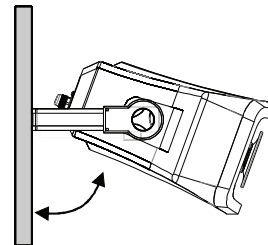
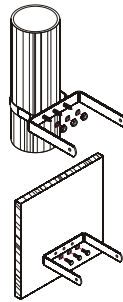
**1)** Remove bolt cover cap and loosen bolt. Adjust to required angle in a ratchet formation and tighten bolt & replace cover.



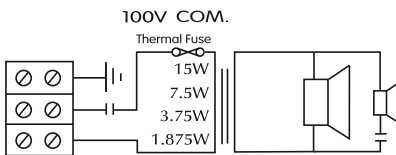
**2)** Remove fixing bolt and gland cable through back lid. Terminate to ceramic block, then select the power you require (15W/7.5W/3.75W/1.875W/100V).



**3)** Secure gland(s), then replace Lid ensuring gasket is fitted correctly.

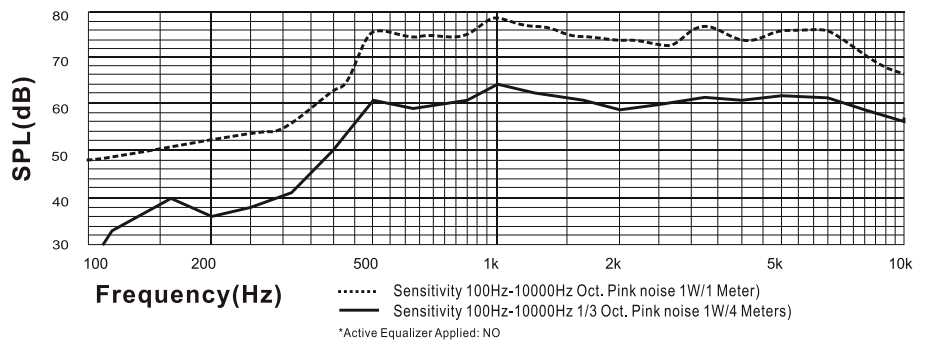


**4)** Drill the mounting location holes for the unit in line with the "U" bracket (2 holes 30 millimetres apart) in the surface where the loudspeaker is to be located.



**Circuit Diagram**

### Frequency response



Disclaimer: We reserve the right of changes and errors.



**ATEiS Europe B.V.**  
Celsiusstraat 1, 2652 XN Lansingerland, Netherlands  
Phone +31 (0)10 208 86 90, [www.ateis-europe.com](http://www.ateis-europe.com), [info@ateis-europe.com](mailto:info@ateis-europe.com)

