

IMCOS-6801 Ceiling Loudspeaker



Overview

IMCOS-6801 is a versatile ceiling loudspeaker used in public address announcements installations.

Type approved by marine class societies: ABS, BV, CCS, DNV-GL, LR, RINA.

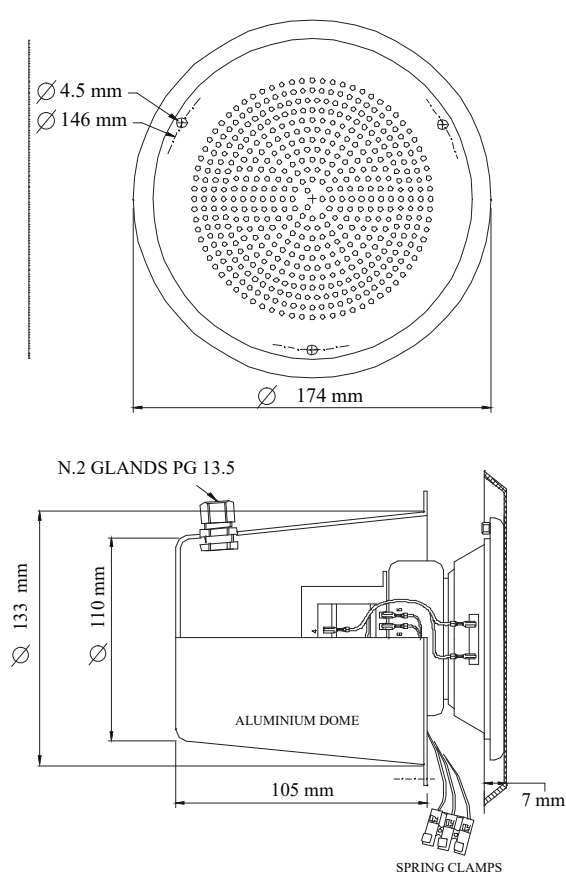
Features

- Coated aluminum cover. White colour RAL 9010
- Mild steel or aluminum dome construction
- 6 Watt max power
- 100V line transformer / 8 Ohm option
- Six different tap levels
- Self-resetting fuse to keep audio line working in case of short circuit
- Spring clamp for fast wiring

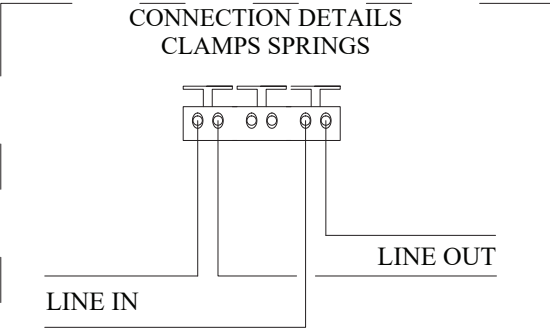
Specification

Material	Aluminium/steel – colour RAL 9010	
Mounting	Ceiling mount – screws not included	
Terminal	Spring clamps	
Cable glands	2xM20	
Weight	1 Kg	
Ingress protection	IP22	
Power	6W	
Operating temperature	-25°C to +70°C	
Effective frequency range	50-20000 Hz	
SPL @ 1 metre	92 dB	
Impedance	100V transformer / 8 Ohm completed with internal fuse	
Nominal tapping	1:5 = 6 W	
	1:4 = 3 W	
	2:5 = 2 W (factory default setting)	
	1:2 = 1.5 W	
	4:5 = 0.8 W	
	2:4 = 0.5 W	
Test certifications	Dry heat cycle	EN 60068-2-2
	Damp heat cycle	EN 60068-2-30
	Cold test	EN 60068-2-1
	Enclosure protection	EN 60529
	Sinusoidal vibration	EN 60068-2-6
	Safety	EN 60065

IMCOS-6801 general arrangement drawing(all dimensions in mm)



IMCOS-6801 installation notes



Ordering requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box.

Model	Material	Impedance	Accessories														
IMCOS-6801																	
	<table><tr><td>Entries</td><td>Code</td></tr><tr><td>Aluminium</td><td>AL</td></tr><tr><td>Steel</td><td>ST</td></tr></table>	Entries	Code	Aluminium	AL	Steel	ST	<table><tr><td>Entries</td><td>Code</td></tr><tr><td>8 Ohm</td><td></td></tr><tr><td>100V line</td><td>TB</td></tr></table>	Entries	Code	8 Ohm		100V line	TB	<table><tr><td>IMCOS-6801-AL-B</td></tr><tr><td>Aluminium dome with bracket</td></tr></table>	IMCOS-6801-AL-B	Aluminium dome with bracket
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All specifications, dimensions, weights and tolerances are nominal (typical) and Gitiessse reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.

IMCOS™ System is type approved by seven marine class societies.