Crouse-Hinds
by **E·T·N**

Features

- Coated aluminium cover. White colour RAL 9010.
- Mild steel or aluminium dome construction.
- 6 watt maximum power.
- 100V line transformer / 8 Ohm options.
- Six different tap levels.
- Self resetting fuse to keep audio line working in case of short circuit.
- Spring clamps for fast mounting.

Product Description

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.

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

ABS TYPE APPROVED PRODUCT · BUREAU VERITAS 1828 · R.I.N.A 186 · DNV · Lloyd's Register

Gitiesse Srl
via Ponte Polcevera 8/14
16161 Genova, Italy
Sales Enq. IT: +39 010 7416801

Hazardous Area Communications (USA)
3413 North Sam Houston Parkway West,
Suite 212, Houston, TX 77086, USA
Sales Enq. USA: +1 (713) 937 9772

Gitiesse

Web: www.gitiesse.com
E-Mail: gitiesse@gitiesse.com
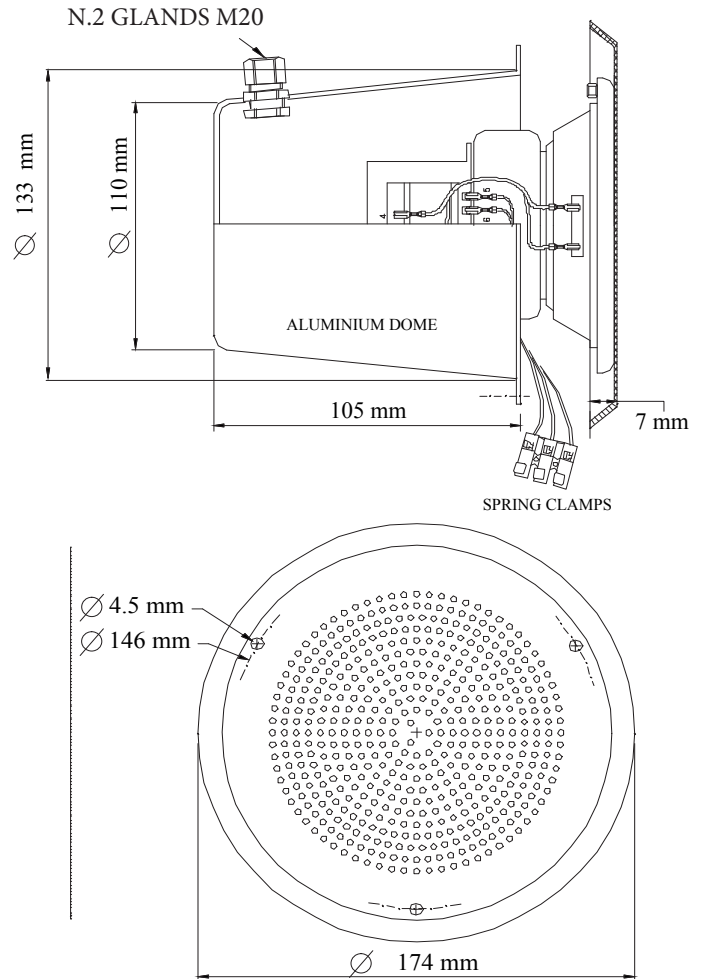
Specification

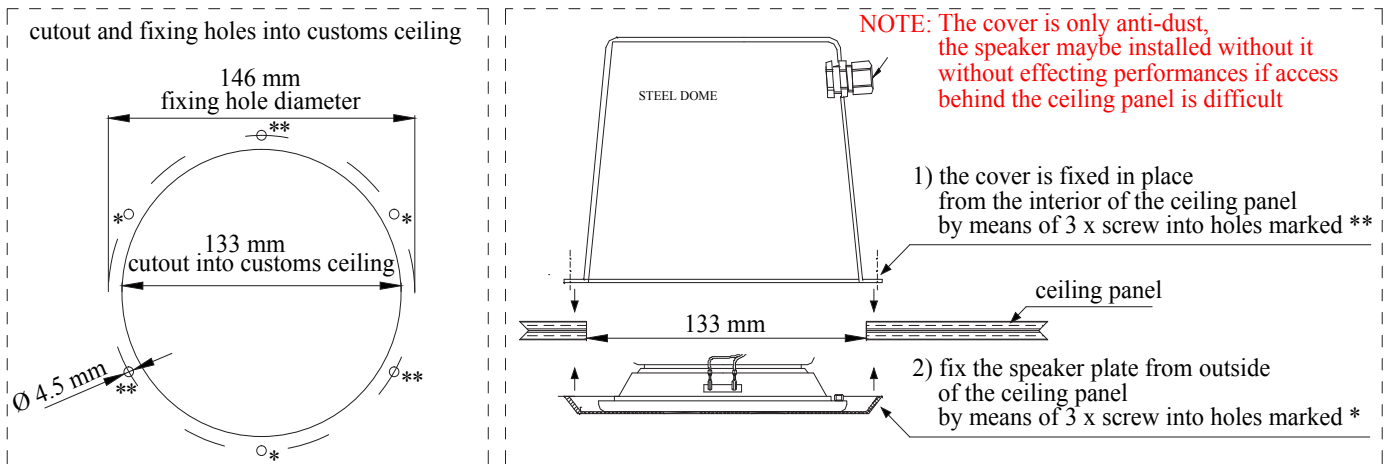|	
Material:	Aluminium / Steel - Colour RAL 9010.
Mounting:	3 + 3 Screws. (see instructions below); screws not included.
Terminal:	Spring Clamp.
Cable Glands:	2 x M20.
Ingress Protection:	IP 22.
Weight:	1,0 Kg.
Power:	6 W.
Max/min temperature:	+70/-25 °C.
Effective Frequency range:	50-20000 Hz.
Max SPL 1W / 1m:	92 dB.
Dispersion (-6 dB) 1000/4000 Hz:	170 / 60 Degrees.
Impedance:	100 V transformer / 8 Ohm completed with internal fuse.

Nominal Tapping (secondary coil):

1 : 5 = 6,0 W
1 : 4 = 3,0 W
2 : 5 = 2,0 W
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 60065-1

IMCOS-6801 Dimensions & Fixing

N.2 GLANDS M20

Ø 133 mm
Ø 110 mm
105 mm
7 mm
ALUMINIUM DOME
SPRING CLAMPS

Ø 4.5 mm
Ø 146 mm
Ø 174 mm

IMCOS-6801 Installation Notes

cutout and fixing holes into customs ceiling

146 mm
fixing hole diameter

133 mm
cutout into customs ceiling

Ø 4.5 mm

STEEL DOME

NOTE: The cover is only anti-dust, the speaker maybe installed without it without effecting performances if access behind the ceiling panel is difficult

1) the cover is fixed in place
from the interior of the ceiling panel
by means of 3 x screw into holes marked **

133 mm

ceiling panel

2) fix the speaker plate from outside
of the ceiling panel
by means of 3 x screw into holes marked *

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-x	x	x	**IMCOS-6801-AL-B** Aluminium dome with bracket

Entries	Code
Aluminum	AL
Steel	ST

Entries	Code
Transformer	TRASF
8 Ohm	TB

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