IMCOS-7001-V2 PA/GA & TB Access Panel

Overview

IMCOS-7001-V2 is an access panel designed for announcements, pre-recorded messages broadcast through the IMCOS / SONIX public address and alarms triggering as well as talk back main station. Equipped with 25 pushbuttons customizable keypad and one additional pushbutton dedicated to emergency call or alarm enabler function. Designed to meet and exceed the requirements of ABS, BV, CCS, DNV-GL, LR, RINA, Norsok and UKOOA/PFEER.

Features

- The panel includes:
  - 25 pushbuttons polycarbonate illuminated keypad
  - backlight intensity dimmer
  - volume control for external loudspeaker when integrated with talk back system
  - emergency call illuminated pushbutton
- Different microphone options: handheld with PTT pushbutton and socket or fixed gooseneck
- Different installing options, desk or flush mount
- Modulation LED for speech monitoring available as option
- Multiple remote panels can be controlled over a proprietary network via RS 485 data interface to the IMCOS main electronics
- Providing local loudspeaker bypass to avoid audio feedback
- Deployable with redundant connection to distributed PA/GA systems


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Specification

Material	Coated Aluminium RAL 9005 (frame/enclosure)
Mounting	Flush or desk mount
Dimensions (mm)	L 288 W 192 H 80 inside console (flush) L 290 W 215 H 150 (desk)
Pushbuttons	25mm2 LED type momentary or maintained 16mm2 LED type on polycarbonate/Aluminium keypad
Microphones	Handheld or gooseneck, dynamic type
Weight (approx. kg.)	1,2 flush 3,2 desk
Cable Glands Nickel Plated (Desk mount only)	Single connection: 1xM25 (10-18) + Talk back: 1xM20 (6-13), 1XM12 (3-6.5) Double connection: 2XM25 (10-18) + Talk back: 1xM12 (3-6.5)
Wiring	Terminal strip on the back/inside

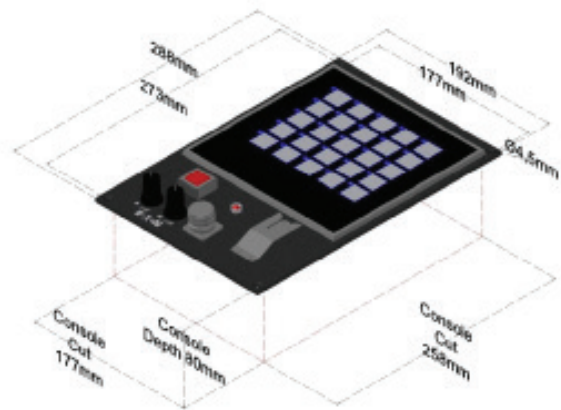**IMCOS-7001-V2 Microphones**
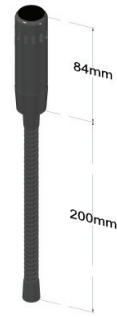
Handheld　　　　　　**Gooseneck**

Desk mount enclosure dimensions & fixing
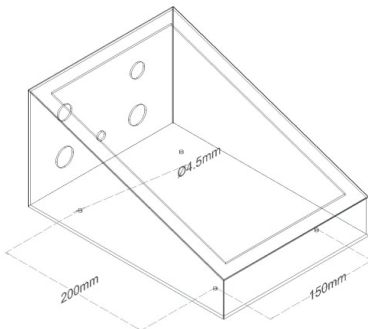
Flush mount enclosure dimensions & fixing

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	Installation	Talk back	Modulation LED	Microphone	Connection
IMCOS-7001-V2	☐	☐	☐	☐	☐

Installation	Code
Flush	F
Desk	D

Talk back	Code
Not present	N
Present	T

Modulation LED	Code
Present	L
Not present	N

Microphone	Code
Handheld	H
Gooseneck	G
Not used	N
Special	S

Connection	Code
Single	S
Redndant	R

All specifications, dimensions, weights and tolerances are nominal (typical) and Gitiesse 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.