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Industrial IP66 Intercom Station with robust IK10 aluminum enclosure with keypad and loudspeaker **OCEAN® model OCS487TD**

OCEAN® WALL MOUNTED MASTER STATION



Professional **IP66 & IK10 Heavy-Duty OCEAN®** intercom station, **aluminum body** and **aluminum heavy duty keypad**, graphic retro-illuminated LCD display, hands-free PTT conversation, suitable for high **noise areas** (up to 90dB), with integrated microphone and integrated 5W loudspeaker

Order code:OCS487TD

Main Functions:

- Single call to any other station by a two digit number
- General Call (paging) on all the stations by dedicated push-button "GC"
- Push-to-Talk mode for high quality conversations in high noisy areas (>90dB)

Electrical Characteristics:

integrated loudspeaker: 5 W_{RMS} 90 dB@1m
audio amplifier:15 W_{RMS} 16Ω
built-in microphone:electret
consumption: max 1,0A@24Vdc (15WRMS)
impedance off-hook:>10 Mohm
transmission: 0db/600Ω
power-supply: 24Vdc ±10%
optional power-supply (on demand): 48Vdc ±10%

Keypad, Display and LEDs

- #10 numbering keys (0÷9)
- #1 PTT (Push-To-Talk) button
- #1 Conference button
- #1 General Call button
- #1 CANC button
- #2 buttons for volume adjustment
- #1 LCD graphic, retro-illuminated (128x64 pixel)
- #2 Red/Green LEDs indicating Tx/Rx condition

OCEAN® original architecture

OCEAN is a professional industrial intercom system, based on a very simple cable network (OMNIBUS telephone cable). Each single intercom station is a self-standing autonomous unit, totally independent by the others. The system does not need a centralized switching unit, but a simple telephone cable (2x0,6mm) where all the stations are connected in parallel.

Shock-Resistance:IK10 [EN 60950]
Protection index: IP66 [EM 60529]
Working temperature: -40 °C ÷ +70°C
Body: 100% aluminum
Mounting: wall-mounting
Wiring:screw terminals Ø1,5mm
Dimensions:160 x 300 x 67 mm
Weight: 3,4 kg
Cables inlets:2 holes Ø20mm, cables Ø5÷8mm
MTBF: 180.000 hours
MTTR: <3 minutes

