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# MARINE TALK-BACK INTERCOM SYSTEM



# VESSELCOM



METAL BUTTONS IK10

GENERAL CALL

PA INTERFACE

Push-to-Talk

230Vac and/or 24Vdc

ALUMINUM BODY

Hand-held microphone

Marine Applications

Off-Shore Platforms

Small Vessels

Military Marine

No switching cabinet  
Multi Channels  
Hands-Free PTT  
General Call  
Interface to PA/GA  
Vandal resistant  
Robust IK10  
-40°C +70°C  
Protected IP66  
230Vac and/or 24Vdc

The Marine Talk-Back Intercom system VESSELCOM® is a simple, reliable and cost-effective professional intercom system designed for medium and small size vessels & ships. It allows the realization of private communication networks from 2 to 11 stations.

The intercom station VCS300T is very robust, with a aluminum body painted for outdoor installation, equipped with metal made vandal resistant single buttons and a big size weather-proof built-in 5W loudspeaker. The integrated microphone can be associated to an external hand-held microphone with integrated PTT button. Several LEDs (Red, Green, Blue) are showing in real-time the status of the whole network. A volume adjustment knob is present on the front panel of the station, so that each operator can adjust the volume during a conversation. The volume cannot be reduced at zero, to assure the reception of incoming calls.

Each station can call any other station by one of the ten direct call buttons, establishing a two ways conversation, driven by the PTT (Push to Talk) button, so that a good performance is assured also in very noisy areas. The system is multi-channel, so that there is no limit at the quantity of conversation under progress at the same time.

A general call can be originated by any intercom station by the dedicated push-button CH-GEN so that the voice is diffused on all the intercom stations at the same time. Another dedicated push button PA/S is available to interface an existing Public Address system.

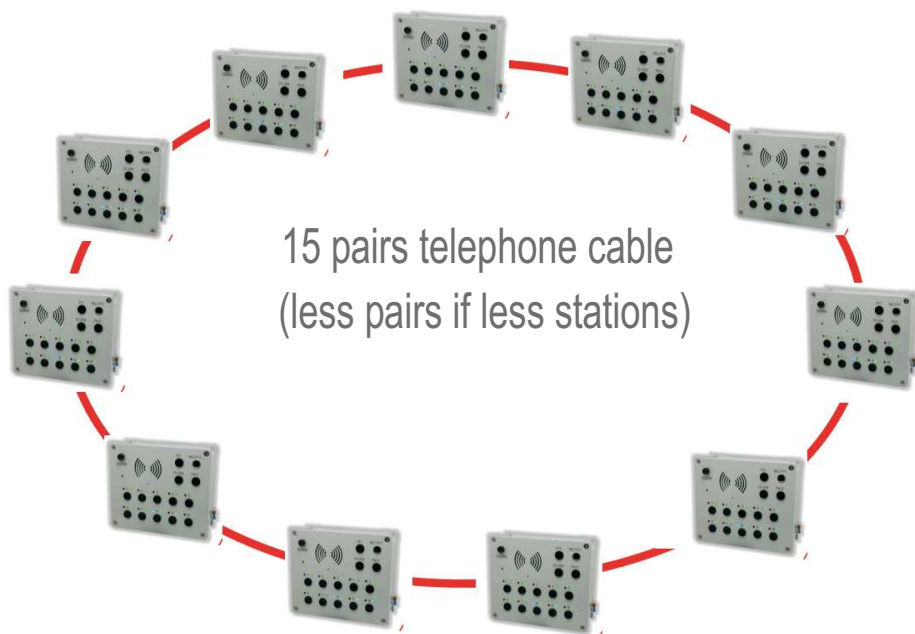
#### POWER-SUPPLIER:

The intercom stations VCS300T can be supplied directly at 110/230Vac and/or at 24Vdc. In case of failure of the 110/230Vac voltage, the intercom station automatically switches on the 24Vdc (from emergency batteries).

#### CABLES LAY-OUT:

The connection diagram is shown on the following picture. All the equipments are connected in parallel on one multipairs telephone cable.

## OMNIBUS connection on a simple telephone cable



2 to 11 STATIONS  
MULTI-CHANNELS  
GENERAL CALL  
PA INTERFACE  
METAL BUTTONS IK10  
110/230Vac and/or 24Vdc  
Push-to-Talk