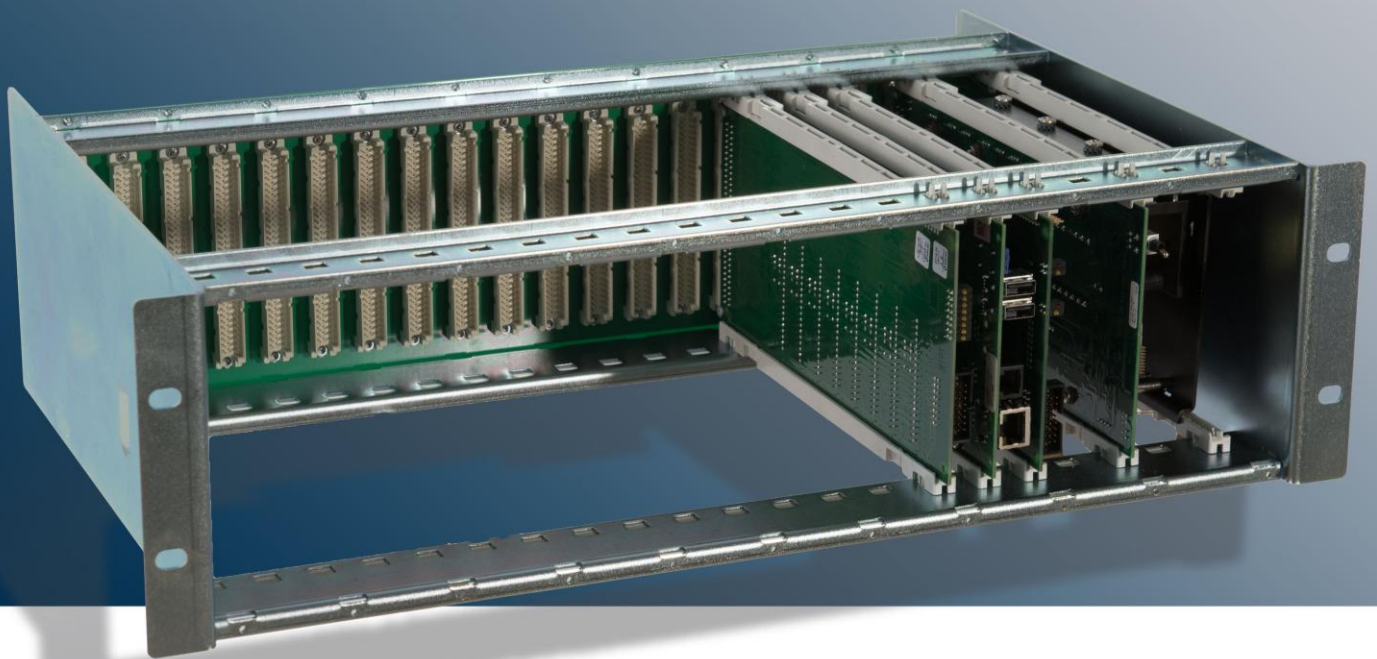# SeaCom 19"

Maritime telephone exchange and intercom system

- Open frame board magazine for custom design of exchange systems
- Telephone exchange with all features relevant for maritime use
- The system is used in the SeaCom2100 which is type approved by DNV-GL
- 8 extensions, 2 trunk lines, extendable to max. 400 extensions
- System configuration via Windows based tool
- 24V DC power - main and battery – with internal switch over

Description

The SeaCom 19'' is a maritime telephone exchange with intercom facilities. It comes as a 19 inch 3U board magazine with all board necessary to for a basic exchange with 8 extension lines and 2 trunk lines.

It is used by those that like to make a custom designed maritime communication system of up to 400 extensions.

Using the system require that the user designs his own encapsulation, typically a standard 19 inch cabinet. The system can be build into, for example 19 inch PA amplifier racks, thereby adding telephone and intercom in order to build an integrated system.

When building such a custom designed exchange system, the PIM module is used to form the point of 24V DC power connection, and CTU modules can be used to make the point where the telephone lines are connected. Both the PIM and the CTU must be placed on an electrically conducting area connected to ships hull, in order for the EMC protecting devices on these modules to be effective. The cards of the SeaCom 19'' system is interconnected to the CTU using easy customized ribbon cables.

The SeaCom 19'' board magazine is used in the SeaCom 2100 maritime telephone system. This system is type approved by DNV-GL. This ensures that when a custom designed system, using the SeaCom 19'' board magazine, is to be tested for approval, a minimum of problems should be encountered.

The system is powered from 24V DC, and there are two inputs - main and battery.

Features

- Telephone calls
- Call transfer
- Caller number and caller ID display
- Intercom style communication
- Shore call via satellite terminals
- PA calls to SeaCom stations
- Audio output to external PA amplifier
- Time distribution
- Wake-up calls
- Group ringing
- Call pickup
- Music when free
- Trunk line day mode and night mode
- Call Data Management

Specifications

- 18 board positions
- PSU2
- CP2 (Windows Embedded Standard)
- FIO2
- AEXT8
- Max. 400 extensions
- Connects plain old analogue telephones with DTMF dialing or pulse dialing
- Connect satellite terminals via 2 wire telephone line
- Connects SeaCom intercom stations SC411, SC421 and SC211.
- Power 18-32V DC 1A
- N.C. alarm relay for bridge alarm system.

Dimensions

19 inch 3U

Order information

Stock number: 10-091-0400

Accessories

The below circuit board can be used to expand the basic system to meet the exact need of a vessel.

- AEXT16-8   10-110-2020
- AEXT16-16   10-110-2021
- AEXT16-24   10-110-2022
- FIO2   10-110-1032
- FIO4-2   10-110-1402
- FIO4   10-110-1404
- CTU2   10-110-1061
- PDU   10-110-1200
- PIM   20-110-0060
- Card guides   10-130-0000