WELCOME

ALPHATRON

Alphatron Marine is specialized in the following areas:

ALPHATRON
marine

Alphatron Marine Communication

- Telephone exchange (PABX)
- Public Addres systems (PAGA)
- UHF / Wireless solutions
- Talkback / intercom
- Fire Detection System
- Satellite communication
- Airtime

ALPHATRON marine

Alphaconnect

The Alphaconnect is a DNV type approved marine telephone- and talkback system. It is a 2-wired system, making it a cost efficient system for installation as well as an ideal system for retrofit.

The Alphaconnect can be delivered in an enclosed box (Alphaconnect 48 and 128) and in a 19” rack mount version (Alphaconnect 128 and 256)

DNV

ALPHATRON
marine

Alphaconnect

System description:

-Integrated telephone and talkback system

-Available in max 48, 128 or 256 internal lines

-Standard 2 trunklines for Satcom/GSM/PAGA connections (extendable)

-24 VDC main and back-up power

-Integrated 60W PA amplifier optional

ALPHATRON marine

Alphaconnect telephone stations

P411

Flushmounted telephone

For wheelhouse and ECR

P220

IP 65 heavy duty telephone

For engine room, thruster rooms and outside use

P421

IP 65 heavy duty telephone

With handsfree function and hornspeaker function

ALPHATRON marine

Alphaconnect telephone stations

TX500

Cabin station with magnetized handset for wall mounting.

TX251

Cabin station with display, phonebook and hands-free function. Magnetized handset for wall mounting.

P210 talkback

IP 65 talkback station

With headset and hornspeaker connection

ALPHATRON marine

Alphaconnect options and accessories

PA amplifier

Integrated 60W amplifier card

Headset

Noise-cancelling headset with 10m cable

Call Data Manager

Software key to charge external telephone calls to crew

ALPHATRON marine

AlphaAnnounce Digital

The AlphaAnnounce is a combined Public Address and General Alarm system, eliminating the need for a seperate bells system.The system is tested and certified according to the stringent EN54-16 norm and fullfills IMO/SOLAS/Modu code rules and regulations. DNV type approval process pending.

ALPHATRON
marine

AlphaAnnounce Digital

System description:

-Standard 2*320W digital amplifier (extendable)

-A/B loop system or dual rack redundant A/B system

-Interface to fire & gas detection, Alarm Monitoring system, telephone exchange etc.

-Digital line guard modules

-According to IMO rules and IEC60945

ALPHATRON marine

AlphaAnnounce Control Panel

Panel with dimmable illuminated keys, gooseneck microphone, 4 alarm buttons, 4 zone selection buttons, error status indication and PTT button.

Protected against accidental use, alarm buttons need to be pressed 2 seconds.

Optional 4 button extension board available.

ALPHATRON marine

ALPHATRON
JRC
ALPHATRON
JRC

Alphatron products

Alphatron Marine has its own Research & Development department for products complementary to the already existing products in our program.

- Alphabridge Modular Bridge Consoles
- (Multi) Gyro compass systems
- Repeater Instruments
- Auto pilots for Sea & River
- Radar systems
- Telephone exchange, Public Announce
- ECDIS and Conning Systems
- Rudder Indicator Systems
- Multi Function control panels
- Alarm & Monitoring systems
- All-in-1 Data, Communication and Entertainment systems

ALPHATRON marine

Gyro compass AlphaMinicourse

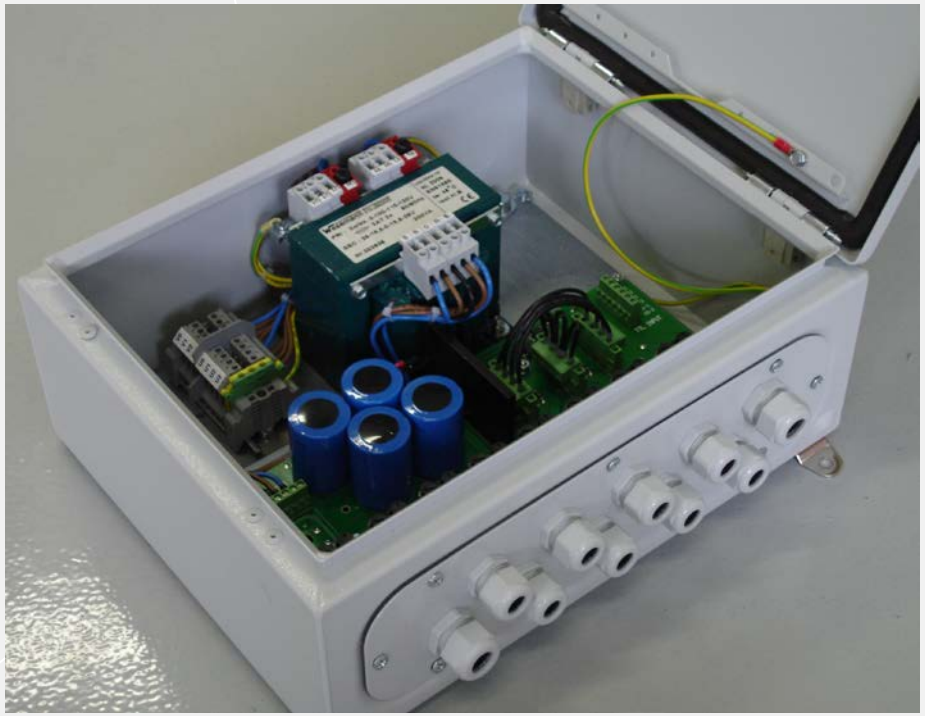
- Maintenance free
- Small size and versatile
- Dimensions are; 288 mm (H) x 240 mm (L) x 329 mm
- Weight is 12,5 kg.

ALPHATRON marine

Alphaminicourse Components

ALPHASTEP Stepper amplifier

- Supply voltage: 100VAC, 110VAC, 220VAC en 230VAC
- Output voltage: 70VDC / 35VDC of 50VDC 25VDC
- Power: 140W
- Ripple: 2%
- Three TTL controllable outputs with galvanic isolation.
- Positive or negative switching output.



ALPHATRON marine

ALPHATRON ANALOG RUDDER ANGLE INDICATORS

ALPHARUDDER XL-96

ALPHARUDDER TRI-2

ALPHATRON
marine

Alphatron MF Line:

An in house developed new line of analogue repeaters with digital reading.

ALPHATRON marine

101
ALPHATRON

gyro course status
G1 228.5 OK
G2 228.5 OK
ALPHATRON

ALPHAWIND
2Bft
max wind
2 Bft
ALPHATRON

Alphameteo
25.6°C
42%
1028mBar
6Bft
TRUE
ALPHATRON

RUDDER
PORT
STBD
ALPHARUDDER
34
ALPHATRON

ALPHADEPTH
1.3m
1.3m
METERS
ALPHATRON

ALPHATURN
100.0
TURN
ALPHATRON

VOLUME OUT
VOLUME IN
TALK
SIGNAL
ALPHACALL MF

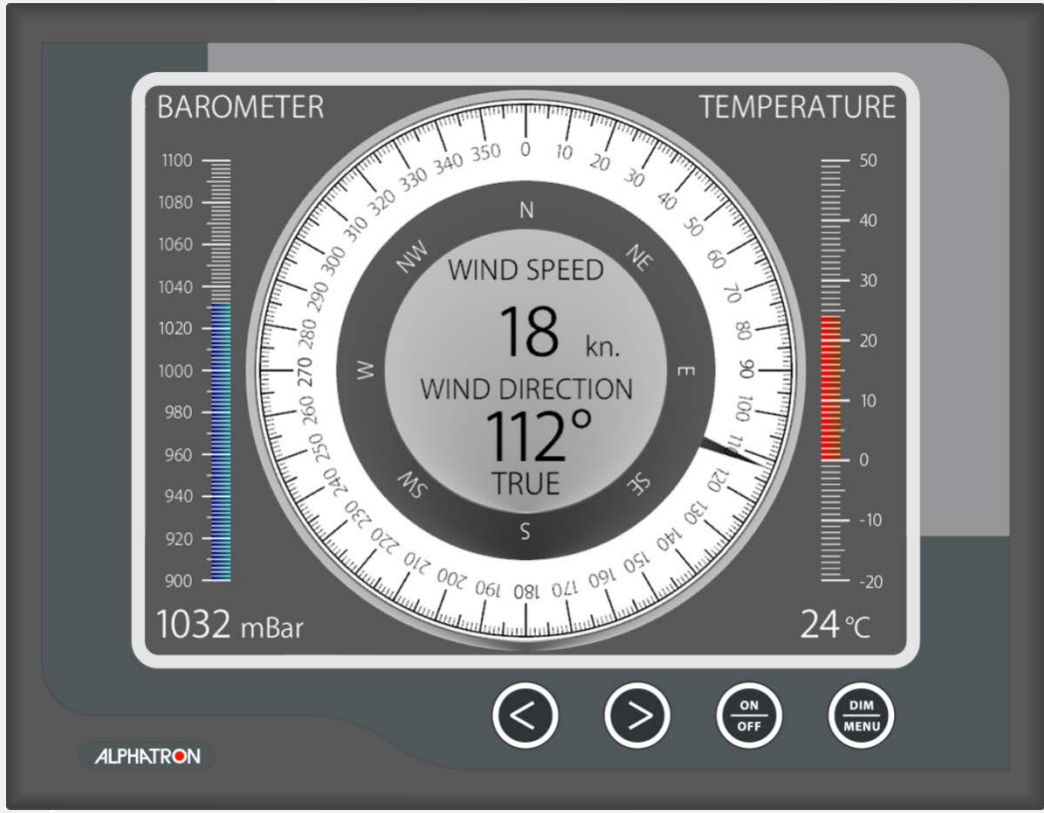
ALPHA ENGINE
RPM
ENGINE
x100
ALPHATRON

Alphaline Touch panel MFC

To be used as a display or control unit.
Possible applications:

- Indication of navigational information like course/heading, wind direction and speed, rate of turn, rudder angle, and depth
- Indication of conning and or speed docking information
- PA master control unit
- Deck and navigation light control unit
- Window wiper control unit
- Displaying of CCTV images

8,4 inch high brightness TFT screen



ALPHATRON
marine

ALPHAMULTICOURSE MFC

JOYSTICK AUTOPILOT:

ALPHATRON
marine

ALPHASEAPILOT MFC

THE ALPHASEAPILOT MFC IS ADAPTIVE TO SPEED AND IS DEVELOPED FOR SINGLE RUDDER VESSELS

ALPHATRON marine

Alphaseapilot MFA

If the vessel has dual, independed rudders or if more advanced possibilities are required Alphatron Marine can offer the Alphaseapilot MFA is to be used:

- No limit in the vessel's size;
- Main Steering system;
- Dual independent rudders;
- Larger display

ALPHATRON marine

ALPHALINE TILLERS

ALPHATILLER NFU

ALPHATILLER NFU

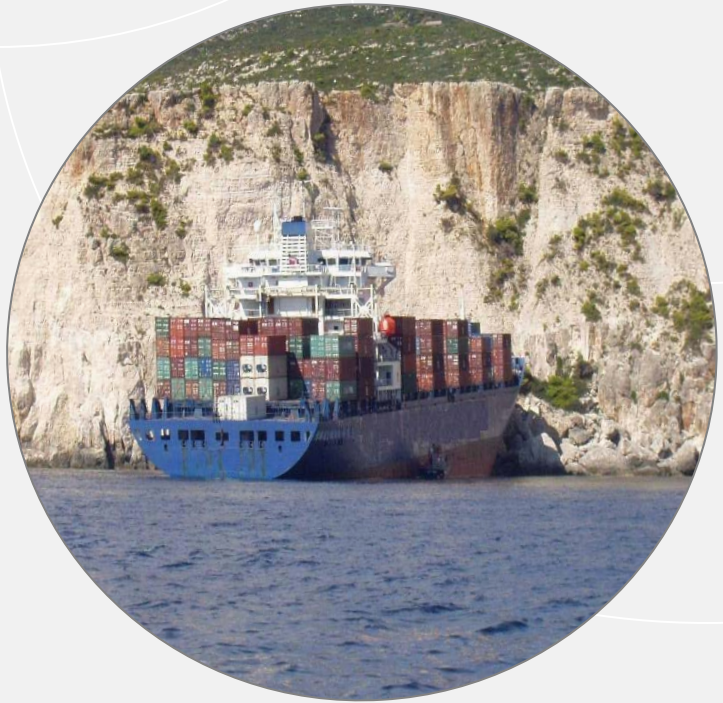
STEERING MODE SELECTION SWITCH

ALPHAWHEEL

ALPHATRON marine

AlphaBNWAS

Bridge Navigational Watch Alarm System, compliant to the new regulations per 2011



ALPHATRON
marine

AlphaBinnacle

Historical technology into a state of the art design, Alphatron's Magnetic Compasses, available for vessels above and under 150GT are type approved according to the European Marine Equipment Directive (MED).

ALPHATRON
marine

AlphaBridge

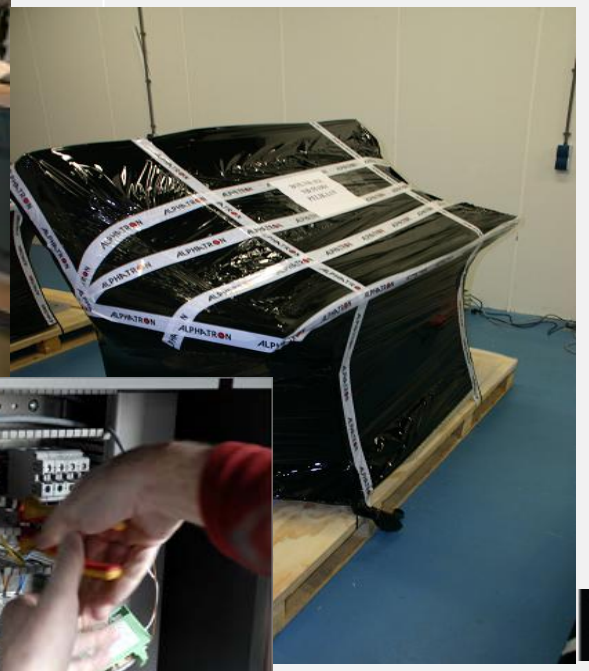
The Alphabridge is a innovative and modular Bridge Console Concept, designed by Alphatron Marine

In the Alphabridge concept, the Alphaline MF and control panels are available to compose an ergonomically state of the art lay-out and colour scheme:

ALPHATRON marine

AlphaBridge

- Complete pre-assembly in our workshops
- FAT before shipment to any shipyard anywhere in the world.



marine

AlphaBridge

AlphaCommand Chair

ALPHATRON

ALPHATRON
marine

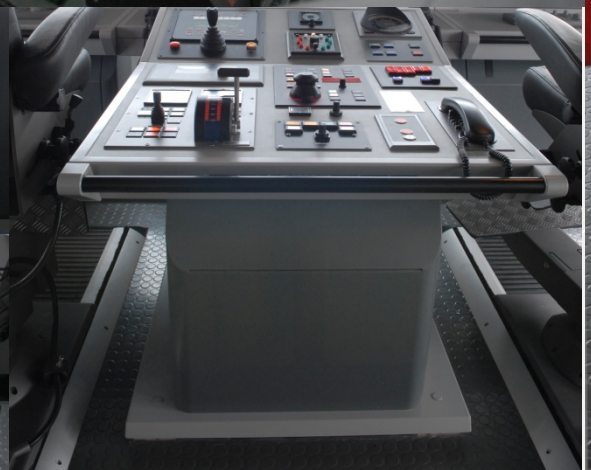
ALPHATRON

Alphatron Marine BV

A804

The human touch in technology

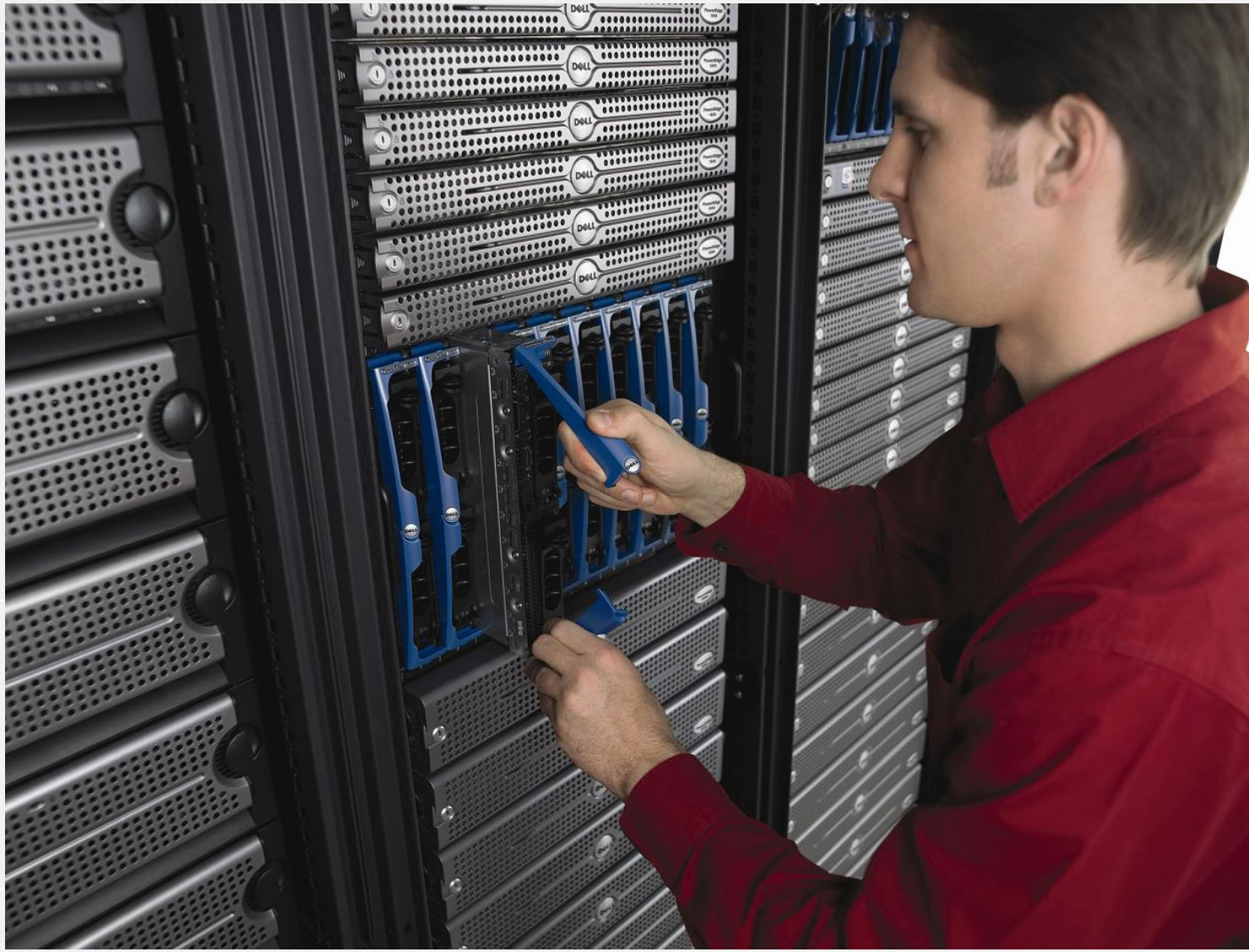
ALPHATRON
marine



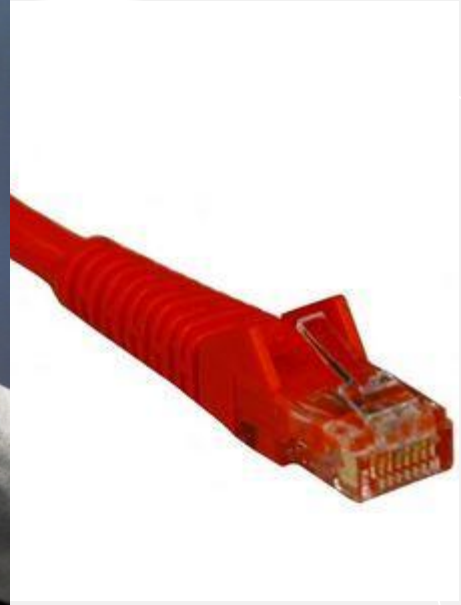
Alphatron IT & AV Solutions

Maritime and land based IT solutions;

- (Virtual) LAN networks
- WAN networks
- Fibre and iSCSI Storage solutions
- Sat comms bonding
- Internet Access Management
- WAN optimization
- Video switching
- Video Conferencing



HOME
VIDEO
AUDIO
QUICK ACTIONS
Climate
Current Temp
83°
Set Point
99°
Heat
Cool
Auto
Off
Adjust Temp
CRESTRON



TERACUE

evoswitch
NEXT GENERATION DATACENTERS

CRESTRON

Alphatron IT & AV Solutions

Maritime AV solutions

- IP Entertainment (over LAN)
- Cabin Entertainment System
- Personal Entertainment System

The human touch in technology

Alphatainment

Cabin Entertainment System

ALPHATRON marine

Alphatron IT & AV Solutions

- IPTV
- Satellite radio
- Video On Demand (VOD)
- Information channels
- Interfacing to PA system
- Interfacing with CCTV system
- Safety instruction video
- compact
- Intuitive control via single remote control
- Common hardware for real worldwide support
- Remote diagnostics and service

ALPHATRON
marine