VINGTOR STENTOFON

ETB & CTB

TALK - BACK SYSTEMS

when communication is critical

VINGTOR STENTOFON

by ZENITEL GROUP

Vingtor-Stentofon products are developed by the Zenitel Group and includes a range of high quality communications equipment and systems. Being in business since 1901, Zenitel's products are recognized globally for offering high quality communications for both offshore and onshore installations. Primary system offering within the Vingtor-Stentofon portfolio are Public Address and Intercom. Zenitel and the company's global partner network, also integrate these systems with other security devices; including Radio, CCTV, Access Control and Alarm for a comprehensive security solution.

Vingtor-Stentofon is world-renowned for its extensive knowledge in the design, construction, installation and maintenance of integrated marine communication systems. Leveraging our long-term experience serving the maritime industry, we offer an impressive portfolio and provide cutting edge solutions to vessels worldwide under the brand name of Vingtor-Stentofon. The Vingtor-Stentofon brand underpins our reputation as a supplier of the most flexible, reliable and advanced communication systems available today.

MEETING YOUR REGULATORY REQUIREMENTS

All Vingtor-Stentofon products that form a part of critical communication have been tested according to IEC 60945, IEC 60533 standards, and comply with SOLAS regulations and codes relevant to on-board communication systems. Our systems are delivered in accordance with the rules of all major classification societies.

FOR ALL YOUR SALES & AFTER SERVICE REQUIREMENTS

Vingtor-Stentofon is a specialist provider of spare parts, repairs, maintenance contracts and refit solutions. Responsibility and availability are our guidelines and customer support and service a first priority.

2015   **2013**   **2012**   **2011**   **2009**

1952   **1964**   **1975**   **1996**   **2001**

ETB & ETB-100

TALK-BACK SYSTEMS

The ETB-5 & ETB-10/ETB-10A is a Command Talk-Back system with 5 or 10 lines while the ETB-100/ETB-100A is a Command Talk-Back & Public Address system with 10 lines. The ETB-100A can also be used as an emergency Public Address system.

The system comprises a central unit and a comprehensive range of substations and other field equipment for use indoors, outdoors, and in noisy areas on marine vessels. Physical dimensions of the units are based on the Euro DIN standard and are integrated seamlessly into bridge solutions.
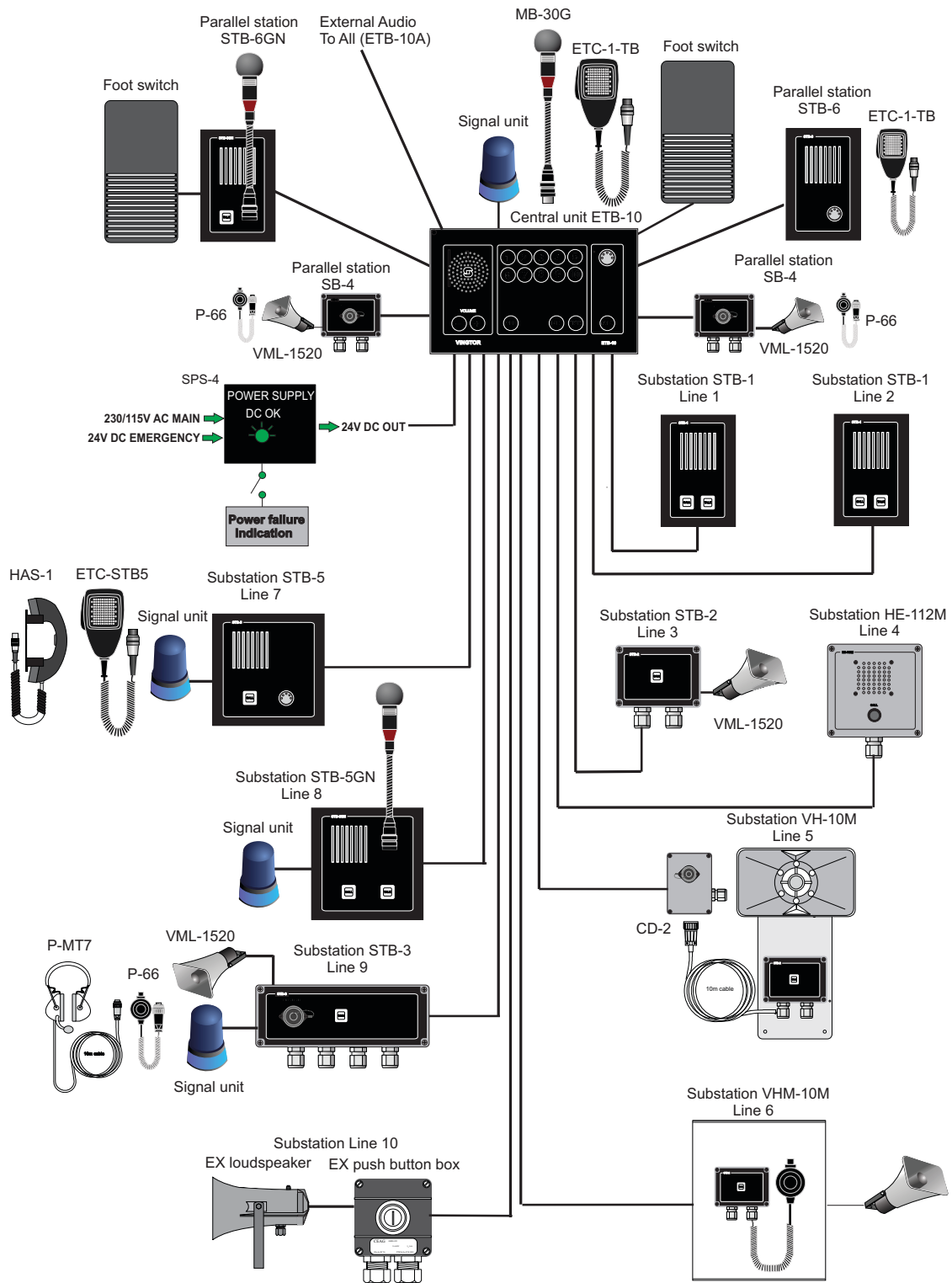
FEATURES

- Command Talk-Back
- Dimmable call light
- 5 or 10 line selection
- Step volume control
- All Call
- Output for extra signal device - all lines
- Handheld or gooseneck microphone
- Output for parallel microphone and loudspeaker
- Handsfree operation with foot switch
- Console or wall mounting
- Power: 22-32 VDC
- Audio input from external system (ETB-10A and ETB-100A)
- Public Address 100V line power amplifier (ETB-100/ETB-100A)

APPROVALS

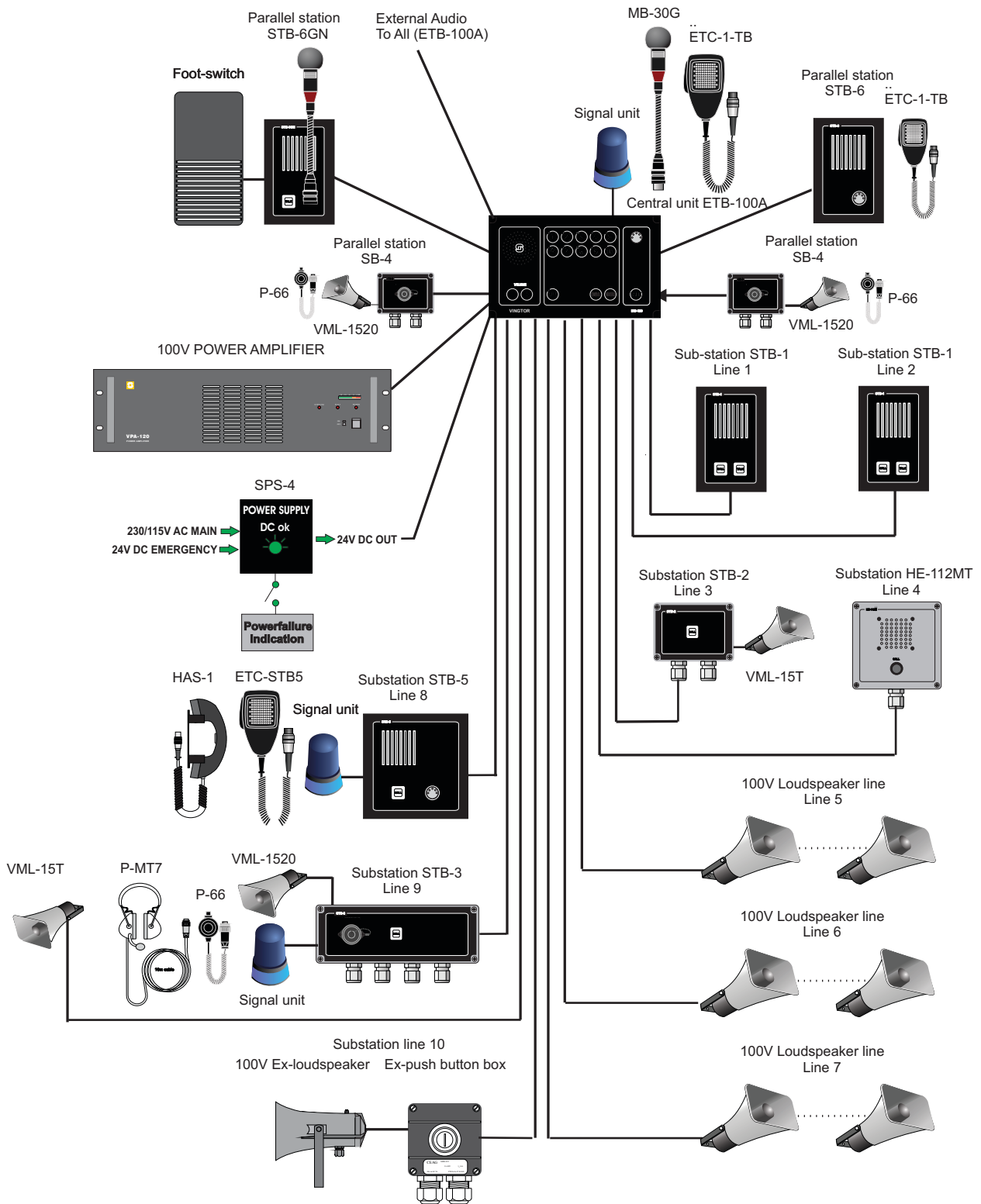The ETB systems are tested according to IEC 60945, and is type approved by DNV-GL, RMRS, CCS, RRR, PRS

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4   VINGTOR STENTOFON

ETB

Foot switch

Parallel station
STB-6GN

External Audio
To All (ETB-10A)

MB-30G

ETC-1-TB

Foot switch

Signal unit

Parallel station
STB-6

ETC-1-TB

Central unit ETB-10

P-66

Parallel station
SB-4

VML-1520

Parallel station
SB-4

VML-1520

P-66

Substation STB-1
Line 1

Substation STB-1
Line 2

SPS-4

POWER SUPPLY
DC OK

230/115V AC MAIN
24V DC EMERGENCY

24V DC OUT

Power failure
indication

HAS-1

ETC-STB5

Substation STB-5
Line 7

Signal unit

Substation STB-2
Line 3

Substation HE-112M
Line 4

VML-1520

Substation STB-5GN
Line 8

Signal unit

Substation VH-10M
Line 5

CD-2

10m cable

P-MT7

VML-1520

P-66

Substation STB-3
Line 9

Signal unit

Substation VHM-10M
Line 6

Substation Line 10

EX loudspeaker

EX push button box

ETB-100

Parallel station STB-6GN

External Audio To All (ETB-100A)

MB-30G

ETC-1-TB

Foot-switch

Signal unit

Parallel station STB-6

ETC-1-TB

Central unit ETB-100A

Parallel station SB-4

P-66

VML-1520

VINGTOR

Parallel station SB-4

P-66

VML-1520

100V POWER AMPLIFIER

VPA-120

Sub-station STB-1 Line 1

Sub-station STB-1 Line 2

SPS-4

POWER SUPPLY
DC ok

230/115V AC MAIN
24V DC EMERGENCY

24V DC OUT

Powerfailure indication

Substation STB-2 Line 3

Substation HE-112MT Line 4

VML-15T

HAS-1

ETC-STB5

Signal unit

Substation STB-5 Line 8

100V Loudspeaker line Line 5

VML-15T

P-MT7

P-66

VML-1520

Substation STB-3 Line 9

Signal unit

100V Loudspeaker line Line 6

Substation line 10
100V Ex-loudspeaker   Ex-push button box

100V Loudspeaker line Line 7

ETB CENTRAL UNITS

3005020022

ETB-5 CENTRAL PANEL MOUNTED 5 LINES, 24V DC, 2A

- Master station with 5 lines selection
- All Call facility
- Monitor-speaker / microphone
- Connector for gooseneck or handheld microphone
- Dimmable memory light
- Line buttons with memory light
- Buzzer indication of incoming calls
- Step volume control
- Call signal
- Output for extra signal device all lines
- 24 VDC power supply

Size (WxHxD): 240 x 144 x 130mm
Weight: 1.6 kg

Additional Information: IP-22

3005020018

ETB-10 CENTRAL, PANEL MOUNTED, 10 LINES , 24V DC, 2A

- Master station with 10 lines selection
- All Call facility
- Monitor-speaker / microphone
- Connector for gooseneck or handheld microphone
- Dimmable memory light
- Line buttons with memory light
- Buzzer indication of incoming calls
- Step volume control
- Call signal
- Output for extra signal device all lines
- 24 VDC power supply

Size (WxHxD): 240 x 144 x 130mm
Weight: 1.6 kg

Additional Information: IP-22

3005020019

ETB-100 CENTRAL, PANEL MOUNTED, 10 LINES, 24V DC, 2A

- Master station with 10 lines selection
- 100V line output
- All Call facility
- Monitor-speaker / microphone
- Connector for gooseneck or handheld microphone
- Dimmable back light
- Buzzer indication of incoming calls
- Step volume control
- Call signal
- Output for extra signal device all lines
- 24V DC power supply

Size (WxHxD): 240 x 144 x 130mm
Weight: 1.8 kg

Additional Information: IP-22

3005020021

ETB-10A CENTRAL INCL. ALL-CALL 10 LINES PANEL MOUNTED, 24V DC, 2AMP

- Master station with 10 lines selection
- All Call facility
- Monitor-speaker / microphone
- Connector for gooseneck or handheld microphone
- Dimmable memory light
- Line buttons with memory light
- Buzzer indication of incoming calls
- Step volume control
- Call signal
- Output for extra signal device all lines
- 24 VDC power supply
- Audio input from external system

Size (WxHxD): 240 x 144 x 130mm
Weight: 1.6 kg

Additional Information: IP-22

3005020020

ETB-100A CENTRAL,INCL.ALL CALL,10 LINES PANEL MOUNTED, 24V DC 2 AMP

- Master station with 10 lines selection
- 100V line output
- All Call facility
- Monitor-speaker / microphone
- Connector for gooseneck or handheld microphone
- Dimmable back light
- Buzzer indication of incoming calls
- Step volume control
- Call signal
- Output for extra signal device all lines
- 24V DC power supply
- Audio input from external system

Size (WxHxD): 240 x 144 x 130mm
Weight: 1.8 kg

Additional Information: IP-22

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VINGTOR-STENTOFON TALK-BACK PRODUCT CATALOG 7

CTB & CTB-100

TALK-BACK SYSTEMS

The CTB & CTB-100 Talk-Back system is a command communication system based on one operator unit/panel and a wide range of substations for marine environments. The CTB-100 system supports public address using power amplifiers and 100V loudspeakers. The systems is typically used to coordinate activities in a work group – the main stations can hear all conversations.

The CTB & CTB-100 systems are based on one central unit, up to 4 main operator panels (the CTB-100 Talk-Back system includes loud-hailing and 100 V power amplifier in addition) and a wide range of substations made for marine environments. Operator panels are nominated as master or sub-master by settings in the CU central unit.

The CU central unit contains all electronic parts including the optional output amplifier, as well as terminals for termination of all field equipment.

The CTB operator panels have foil protected push buttons. The physical dimensions are based on the Euro DIN standard and are integrated seamlessly into bridge solutions. Both handheld and gooseneck microphones can be used via settings in the CU central unit.
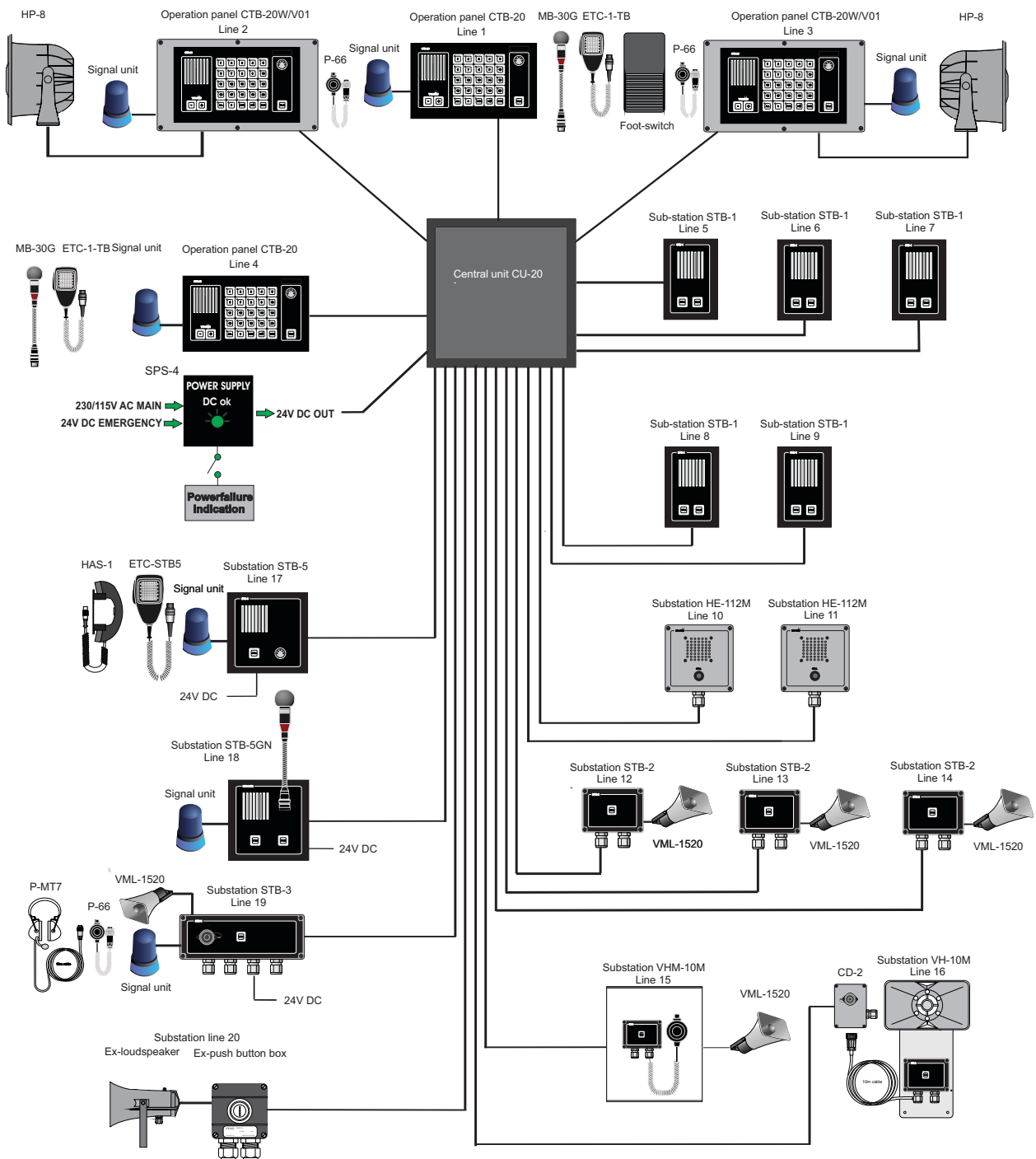
FEATURES

- Operator station with Direct Access Keys
- 10 or 20 lines direct selection
- Work group communication facility
- Extension buttons with memory light and buzzer
- indication of incoming calls
- Easy access volume control for operators
- Dimmable panel background light
- Easy integration with SPA-V2 for audio output and zone selection
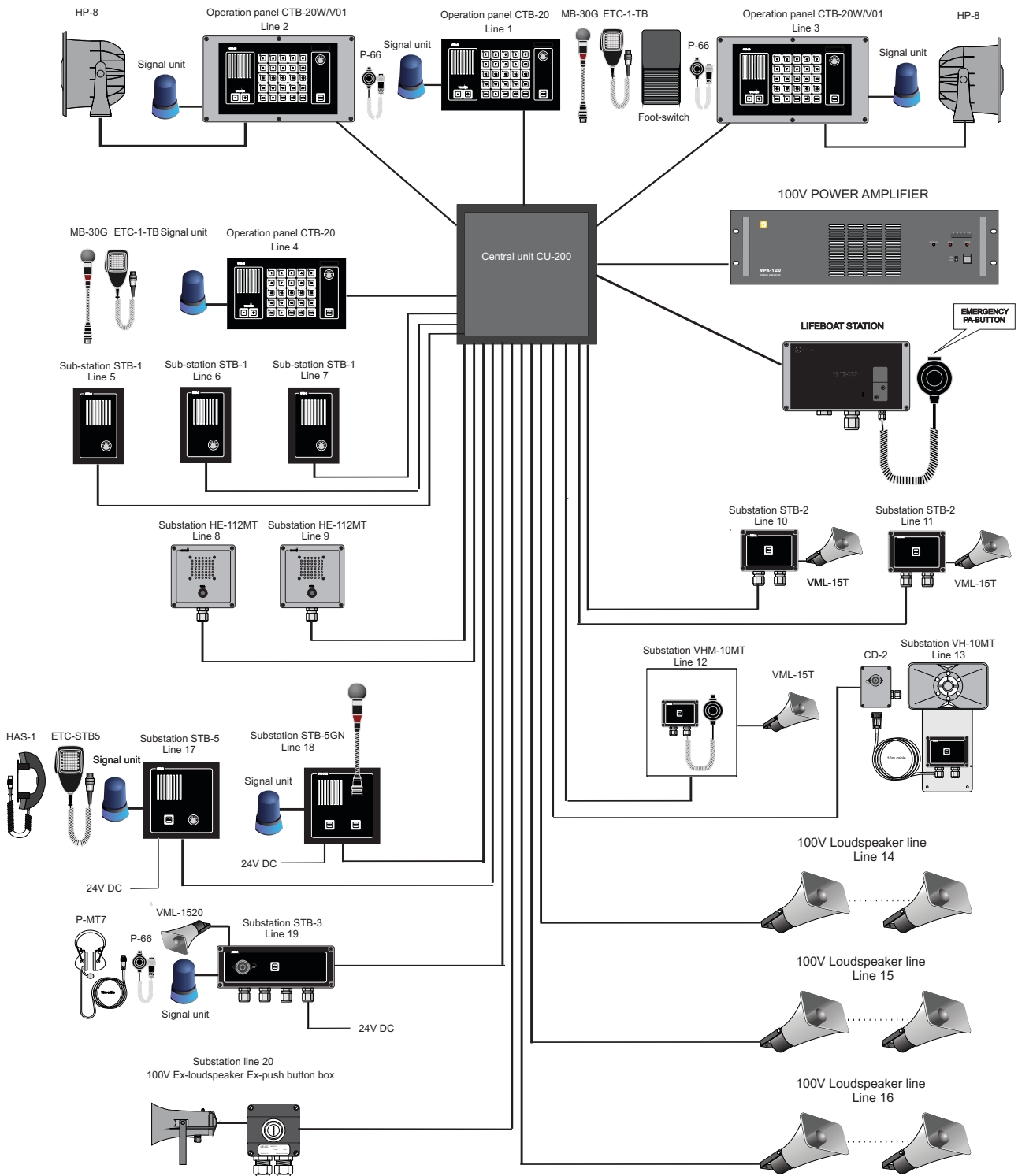- Integrated bridge solution with DIN norm for mounting

APPROVALS

The CTB systems are tested according to IEC 60945, and is type approved by DNV, RMRS, CCS, RRR & PRS

CTB

CTB-100

HP-8

Operation panel CTB-20W/V01
Line 2

Signal unit

P-66

Operation panel CTB-20
Line 1

MB-30G ETC-1-TB

Signal unit

P-66

Foot-switch

Operation panel CTB-20W/V01
Line 3

Signal unit

HP-8

Central unit CU-200

100V POWER AMPLIFIER

VPA-120

MB-30G ETC-1-TB Signal unit

Operation panel CTB-20
Line 4

LIFEBOAT STATION

EMERGENCY
PA-BUTTON

Sub-station STB-1
Line 5

Sub-station STB-1
Line 6

Sub-station STB-1
Line 7

Substation HE-112MT
Line 8

Substation HE-112MT
Line 9

Substation STB-2
Line 10

Substation STB-2
Line 11

VML-15T

VML-15T

Substation VHM-10MT
Line 12

VML-15T

CD-2

Substation VH-10MT
Line 13

10m cable

HAS-1 ETC-STB5

Signal unit

Substation STB-5
Line 17

Substation STB-5GN
Line 18

Signal unit

24V DC

24V DC

100V Loudspeaker line
Line 14

P-MT7

P-66

VML-1520

Substation STB-3
Line 19

Signal unit

24V DC

100V Loudspeaker line
Line 15

Substation line 20
100V Ex-loudspeaker Ex-push button box

100V Loudspeaker line
Line 16

CTB CENTRAL UNITS

3005020001
CTB-10 CONTROL UNIT, PANEL MOUNTED, 10 LINES

- Operator panel CTB-10 with 10 lines selection
- Operates with CU-10 central unit
- Single call / Group Call / All Call facility
- Socket for gooseneck or handheld microphone
- Dimmable panel background light
- Extension buttons with on lightPerfect for Building Security and Public Environments
- Buzzer indication of incoming calls
- Step volume control
- Call signal
- Output for extra signal device all lines

Size (WxHxD): 240 x 144 x 100 mm
Weight: 1.2 kg

Additional Information: IP-22

3005020003
CTB-20 CONTROL UNIT, PANEL MOUNTED, 20 LINES

- Operator panel CTB-20 with 20 lines selection
- Operates with CU-20 or CU-200 central unit
- Single call / Group Call / All Call facility
- Socket for gooseneck or handheld microphone
- Dimmable panel background light
- Extension buttons with on lightPerfect for Building Security and Public Environments
- Buzzer indication of incoming calls
- Step volume control
- Call signal
- Output for extra signal device all lines

Size (WxHxD): 240 x 144 x 100 mm
Weight: 1.2 kg

Additional Information: IP-22

3005020002
CTB-10W/V01 CONTROL UNIT W/ HP-8, WALL MOUNTED WT

- Waterproof operator panel with 10 lines selection,
- With external loudspeaker HP-8
- Option, microphone P-66 and P-66/10
- Operates with CU-10 or CU-100 central unit
- Single call / Group Call / All Call facility
- Dimmable panel background light
- Line buttons with memory light
- Buzzer indication of incoming calls
- Step volume control
- Call signal
- Wall mounting

Size (WxHxD): 300 x 160 x 156 mm
Weight: 1.4 kg

Additional Information: IP-66

3005020005
CTB-20W/V01 CONTROL UNIT W/ HP-8, WALL MOUNTED WT

- Waterproof operator panel with 20 lines selection,
- With external loudspeaker HP-8
- Option, microphone P-66 and P-66/10
- Operates with CU-20 or CU-200 central unit
- Single call / Group Call / All Call facility
- Dimmable panel background light
- Line buttons with memory light
- Buzzer indication of incoming calls
- Step volume control
- Call signal
- Wall mounting

Size (WxHxD): 300 x 160 x 156 mm
Weight: 1.4 kg

Additional Information: IP-66

3005020008
CU-10 CENTRAL UNIT FOR CTB-10, 24V DC, 3A, STANDARD

- Central unit 10 lines for the CTB system
- Operates with CTB-10 and CTB-10 W/V01 panel units
- AUX / Alarm input
- Output to Public Address system
- 24 VDC power supply

Size (WxHxD): 400 x 400 x 120 mm
Weight: 2.6 kg

Additional Information: IP-22

3005020010
CU-20 CENTRAL UNIT FOR CTB-20, 24V DC, 4 A, STANDARD

- Central unit 20 lines for the CTB system
- Operates with CTB-10 and CTB-10 W/V01 panel units
- AUX / Alarm input
- Output to Public Address system
- 24 VDC power supply

Size (WxHxD): 400 x 400 x 120 mm Weight: 2.6 kg

Additional Information: IP-22

3005020009
CU-100 CENTRAL UNIT FOR CTB-10, 24V DC, 3A, 100V OUTPUT W/ ALARM MUTE

- Central unit 10 lines for the CTB-100V system
- Operates with CTB-10 and CTB-10 W/V01 panel units
- AUX / Alarm input
- Output to Public Address system
- 24 VDC power supply24 VDC power supply
- 100V line output
- High power amplification by use of external 100V power amplifier

Size (WxHxD): 400 x 400 x 120 mm Weight: 3.2 kg

Additional Information: IP-22

3005020011
CU-200 CENTRAL UNIT FOR CTB-20, 24V DC, 4 A,100V OUTP. W/ ALARM MUTE

- Central unit 20 lines for the CTB-100V system
- Operates with CTB-20 and CTB-20 W/V01 panel units
- AUX / Alarm input
- Output to Public Address system
- 24 VDC power supply
- 100V line output
- High power amplification by use of external 100V power amplifier

Size (WxHxD): 400 x 400 x 120 mm Weight: 3.2 kg

Additional Information: IP-22

MICROPHONES & ACCESSORIES

3005020033
MB-30G GOOSENECK MICROPHONE

- Electret microphone, 2K ohm
- 5-pin din plug
- For use in Public Address and Talk-Back systems

Size (Length): 460 mm Weight: 0.1 kg

Additional Information: IP-22

3005020029
ETC-1-TB HANDMIC W/5 PIN DIN PLUG

- Dynamic, 200 ohm
- Flexible cord with PTT switch
- Hang up clip
- For ETB and CTB central panels

Size (WxHxD): 58 x 102 x 47mm Weight: 0.2 kg

Additional Information: IP-22

3005020039
P-66 HAND MICROPHONE WITH PLUG, WT

- Weatherproof, salt water resistant handheld microphone
- Suitable for heavy-duty outdoor operation subject to noise disturbance
- Delivered with 2 meter flexible cable and plug
- For use in Public Address System and Talk-Back

Size (WxHxD): 54 x 82 x 55mm Weight: 0.3 kg

Additional Information: IP-54

3005020040
P-66/10 HAND MICROPHONE WITH PLUG AND 10M CABLE, WT

- Weatherproof, salt water resistant handheld microphone
- Suitable for heavy-duty outdoor operation subject to noise disturbance
- Delivered with 10 meter cable and plug
- For use in Public Address System and Talk-Back

Size (WxHxD): 54 x 82 x 55mm Weight: 0.6 kg

Additional Information: IP-54

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VINGTOR STENTOFON

3005020016
ECM-5 EXTENSION CORD 5 M FOR P-290, P-MT7, P-66

- Male and female plug in polyamid material with PG-13.5 cable inlet

Size (Length): 5m Weight: 0.3 kg

Additional Information: IP-66

3005020013
ECM-10 EXTENSION CORD 10 M FOR P-290, P-MT7, P-66

- Male and female plug in polyamid material with PG-13.5 cable inlet

Size (Length): 10m Weight: 0.5 kg

Additional Information: IP-66

3005020028
ETC-1-CH CHASSIS CONTADCT 5-PIN DIN FOR ETC-1-TB W/1M CABLE

- Prepared with screw terminals for connections

**Size PCB (WxHxD) : 50 x 35 x 16mm
Weight: 0.1 kg**

3005020065
WBOKS, WALL MOUNTED BOX FOR ETB-5, ETB-10, ETB-100 AND CTB-10/20

Size (WxHxD): 240 x 144 x 100mm Weight: 0.4 kg

Additional Information: IP-22

2990000032
CPM-SNT-120-5 POWER SUPPLY 100-240VAC/24VDC 5A

- Switch mode, reglutated power
- 22.5 to 29.5 V DC (adjustable via potentiometer on front)
- Overload protected
- Short-circuit protected
- DIN mounting
- GL approved

Size (WxHxD): 40 x 130 x 125 mm Weight: 0.7 kg

Additional Information: Din rail mounting

3005020055
SPS-4 POWER SUPPLY 115/230V AC / 24V DC , 4A W/AUTOSWITCH

- Automatic switch to emergency 24 VDC when mains supply fails.
- Potential free relay contact for power failure

Size (WxHxD): 200 x 250 x 150 mm Weight: 4,1 kg

Additional Information: P-44

BRIDGEWING EQUIPMENT

3005020053
SB-4 PLUG BOX FOR HANDMIC, WT

- Watertight socket box
- For microphone (P-66 or P-66/10) or headset (P-MT7)
- Socket with dust cap
- Wall mounting

Size (WxHxD): 110 x 80 x 63 mm Weight: 0.3 kg

Additional Information: IP-66

3005020062
STB-6 FLUSH MOUNTED SUBSTATION FOR MIC

- Substation for indoor use
- Parallel microphone / loudspeaker for ETB and CTB operator panels
- Wall mounting with back box
- Socket for handheld microphone ETC-1-TB

Size (WxHxD): 144 x 96 x 44,5 mm Weight: 0.35 kg

Additional Information: IP-22

3005020064
STBOKS FOR STB-6 AND STB-6GN WHEN WALL MOUNTED

Size (WxHxD): 144 x 96 x 47 mm Weight: 0.1 kg

Additional Information: IP-22

3005020063
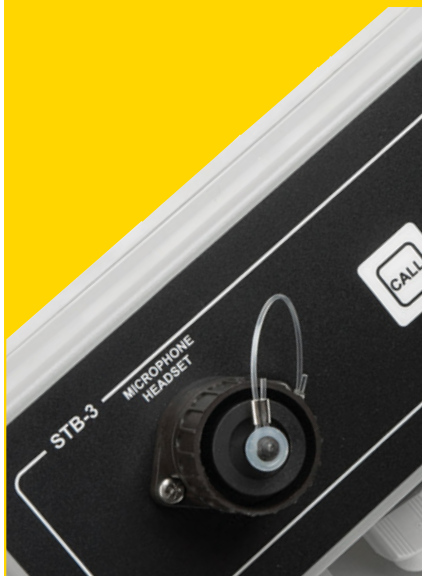### STB-6GN FLUSH MOUNTED SUBSTATION W/GOOSENECK

- Substation with gooseneck microphone for indoor use
- Parallel microphone / loudspeaker for ETB and CTB operator panels
- Flush or bulkhead mounting
- Wall mounting with back box

Size (WxHxD): 144 x 96 x 44,5 mm Weight: 0.85 kg

Additional Information: IP-22

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SUBSTATIONS & ACCESSORIES

STB-1 WALL MOUNTED INDOOR LOUDSPEAKER WITH CALL AND ANSWER BUTTON

- Talk-Back substation, designed for use in cabins, messrooms, etc.
- Call-button
- Privacy
- Talk-button

Size (WxHxD): 144 x 96 x 49 mm Weight: 0.35 kg

Additional Information: IP-22

3005020058

STB-2 CALLBOX WT WALL MOUNTED

- Call box
- Waterproof
- Call button
- Forming a loud speaking Talk-back Substation together with a horn loudspeaker (VML-1520)

Size (WxHxD): 110 x 80 x 63 mm Weight: 0.3 kg

Additional Information:IP-66

3005020059

STB-3 COMBINED CALL-PLUGBOX-SIGNAL RELAY (2A) UNIT WITHOUT LOUDSPEAKER

- Calling unit
- Waterproof
- Call-button
- Socket with dust-cap for connection of headset or microphone
- Built-in relay circuit for operation of external signalling devices
- Forming a loudspeaking Talk-Back substation together with a horn loudspeaker

Size (WxHxD): 224 x 80 x 63 mm Weight: 0.5 kg

Additional Information: IP-66

3005020050

P-MT7 HEADSET W/BOOM MIC. AND 10M CORD W/4-PIN C-16 PLUG

- Headset for Analog Telephone and Talk-back System
- Standard with 10 meter cable and plug
- To be used in noisy areas
- Includes headset holder

Weight: 1.2 kg

Additional Information: IP-54

3005020060

STB-5 FLUSH MOUNTED SUBSTATION W/RELAY, FOR MIC OR HANDSET

- Talk-Back substation, designed for multipurpose indoor use (engine room)
- Delivered for flush or bulkhead mounting
- Call button
- Built-in relay circuit for operating of external signalling devices.
- Loudspeaker
- Socket for handset or handheld microphone

Size (WxHxD): 144 x 144 x 57 mm   Weight: 0.5 kg

Additional Information: IP-22

3005020030

ETC-STB5 HAND MICROPHONE WITH 4-PIN DIN PLUG

- Dynamic microphone, 200 ohm
- Flexible cord with PTT switch
- Hang up clip

Size (WxHxD): 58 x 102 x 47mm Weight: 0.2 kg

Additional Information: For STB-5 only.

3005020032

HAS-1 HANDSET FOR STB-5

- Handset with cradle
- Designed for use together with Talk-back substation STB-5

Size (WxHxD): 60 x 220 x 80mm Weight: 0.3 kg

STB-5GN FLUSH MOUNTED SUBSTATION W/RELAY, W/ GOOSENECK

- Talk-Back substation, designed for multipurpose indoor use (engine room)
- Delivered for flush or bulkhead mounting
- Call button
- Built-in relay circuit for operating of external signalling devices.
- Loudspeaker
- Gooseneck microphone

Size (WxHxD): 144 x 144 x 57 mm   Weight: 0.9 kg

Additional Information: IP-22

U2410 FOOT SWITCH INDOOR USE

- Foot switch for ETB and CTB systems
- 1-Pole switch 250 VAC 6A

Size (WxHxD): 101 x 198 x 40 mm   Weight: 0,2 kg

Additional Information: IP-22

CD-2 PLUGBOX WT - IP-66

- For portable unit VH-10M
- Wall mounting.

Size (WxHxD): 80 x 110 x 63 mm   Weight: 0.35 kg

Additional Information: For VH-10M & VH-10M-T

STBOKS5 FOR STB5 AND STB-5GN WHEN WALL MOUNTED
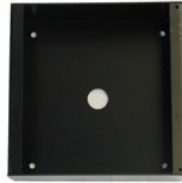
Size (WxHxD): 144 x 144 x 59 mm   Weight: 0.2 kg

Additional Information: IP-22

IRR-3 RELAY BOX 24V DC OR 220V AC - SIGNAL UNIT WT

- Separate relay unit for operation of 24 VDC or 220 visible and/or audible signal units.
- Wall mounting

Size (WxHxD): 110 x 80 x 63 mm   Weight: 0,35 kg

Additional Information: IP-66

VH-10M PORTABLE HORN SPEAKER WITH CALLBOX AND 10M CABLE+PLUG WT

- Talk-back Substation, for use in open deck areas
- Call-button
- Also for wall mounting
- Plugbox CD-2 needed

Size (WxHxD): 156 x 410 x 305 mm   Weight: 3.7 kg

Additional Information: IP-66
3006206032 VH-10M-T (100V version)

HE-112M OUTDOOR LOUDSPEAKER WITH CALL BUTTON

- Talk-Back Substation, for use in open deck areas
- Wall mounting
- Call-button

Size (WxHxD): 122 x 120 x 90 mm   Weight: 0.4 kg

Additional Information: IP-66

HE-112M-T LOUDSPEAKER, WT, 100V

- Talk-Back Substation, for use in open deck areas
- Wall mounting
- Call-button

Size (WxHxD): 122 x 120 x 90 mm   Weight: 0.6 kg

Additional Information: IP-66

VHM-10 SPECIAL DECK UNIT WITH HANDMIC MOUNTED IN WT CABINET

- Talk-back Substation for use in open deck areas
- Wall mounting
- Call-button
- Handheld microphone
- Prepared for external loudspeaker

Size (WxHxD): 215 x 310 x 160 mm   Weight: 2.5 kg

Additional Information: IP-66
3006206035 VHM-10-T (100V version)

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VINGTOR-STENTOFON TALK-BACK PRODUCT CATALOG   **15**

3006100088

VML-1520 HORN SPEAKER 15W/20 OHM WT

- General purpose 15 Watt 20 ohm horn loudspeaker
- For use in deck areas, engine room etc.
- To be used together with ACM or talk-back stations
- 2,5 Mtr. cable

Size (WxHxD): 250 x 145 x 270 mm   Weight: 1.35 kg

Additional Information: IP-67
Optional junction box JB-15T

3006100090

VML-15T/F HORN LOUDSPEAKER 15W 100V W/FUSE, 2 MTR.CABLE

- General purpose 15 Watt horn loudspeaker
- For use in deck areas, engine room etc.
- With 100V line transformer
- Adjustable power tapping
- With Fuse

Size (WxHxD): 250 x 145 x 298 mm   Weight: 1.9 kg

Additional Information: IP-67
Optional junction box JB-15T

3006206015

CALL BOX EX GHG 411 ATEX W/ IMPULS BUTTON & 2X GLANDS

- Explosion proof calling box for hazardous areas
- Delivered for bulkhead mounting
- Call-button for calling Master unit
- To be used together with EX horn speaker DSP-15EExeNT or DSP-15EExeN

Size (WxHxD): 85 x 85 x 78 mm   Weight: 0.35 kg

Additional Information: IP-65

2340020010

DSP-15EEXMN W/ SST BRACKET EX SPEAKER 20 OHM 15W W/ 2X GLANDS ATEX

- Rated / max. power 25w / 25w
- Material: antistatic PA / Black
- Bracket and all outside nuts and screws in stainless steel
- Zone 1

Size (WxHxD): 170 x 144 x 207 mm   Weight: 2 kg

Additional Information: 09ATEX1322X
IP Rating IP-67

2340020011

DSP-15EEXMNT W/ SST BRACKET EX SPEAKER 15W W/ 2X GLANDS ATEX

- With 100V line transformer
- Rated / max. power 25w / 25w
- Tappings; 1,5W-2,5W-5,0W-6,5W-15W-25W
- Material: anititistatic PA / Black
- Bracket and all outside nuts and screws in stainless steel
- Zone 1

Size (WxHxD): 170 x 144 x 207 mm   Weight: 2.2 kg

Additional Information: 09ATEX1322X
IP Rating IP-67

AMPLIFIERS

VPA-120 POWER AMPLIFIER, 120W

- Power amplifier in a 19" rack cabinet
- 100 V and 8 ohm output
- Dual inputs with priority switching
- Temperature controlled, forced back-to-front ventilation
- 115/230 VAC mains and 24 VDC battery backup
- Power consumption at 0dB 24V DC 7,5 A
- Power consumption at 0dB 230V AC 1.7 A
- Pilot tone line monitoring
- 24 VDC / 800 mA power output for external equipment
- Chime signal with on/off switch

Size (WxHxD): 482 x 133 x 420 mm Weight: 18.2 kg

Additional Information:
Tested according to IEC 60945, IACS E10, IEC 60533

VPA-240 POWER AMPLIFIER, 240W

- Power amplifier in a 19" rack cabinet
- 100 V and 8 ohm output
- Dual inputs with priority switching
- Temperature controlled, forced back-to-front ventilation
- 115/230 VAC mains and 24 VDC battery backup
- Power consumption at 0dB 24V DC 15,4 A
- Power consumption at 0dB 230V AC 3.1 A
- Pilot tone line monitoring
- 24 VDC / 800 mA power output for external equipment
- Chime signal with on/off switch

Size (WxHxD): 482 x 133 x 420 mm Weight: 21.2 kg

Additional Information:
Tested according to IEC 60945, IACS E10, IEC 60533

RS-3C RACK 3HU, TERMINALS F/230VAC/24VDC IN/OUT

- 19", 3U cabinet prepared for amplifier
- Prepared with necessary terminals for signal in/out and power supply

Size (WxHxD): 520 x 450 x 180mm Weight: 6.0 kg

Additional Information:

VPA-400 POWER AMPLIFIER, 400W

- Power amplifier in a 19" rack cabinet
- 100 V and 8 ohm output
- Dual inputs with priority switching
- Temperature controlled, forced back-to-front ventilation
- 115/230 VAC mains and 24 VDC battery backup
- Power consumption at 0dB 24V DC 28,0 A
- Power consumption at 0dB 230V AC 5.4 A
- Pilot tone line monitoring
- 24 VDC / 800 mA power output for external equipment
- Chime signal with on/off switch

Size (WxHxD): 482 x 133 x 420 mm Weight: 24.2 kg

Additional Information:
Tested according to IEC 60945, IACS E10, IEC 60533

MANUALS & SPARES

ETB-5-10-100 Installation & Operation Manual

ETB-5-10-100 User Guide

CTB Installation & User Manual

CTB-100 Installation & User Manual

Standard set of Spares for ETB-5/10/100

Standard set of Spares For CTB-10/20 and CU-10/20/100/200

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