

ETB-100

COMMAND TALK BACK SYSTEM



when communication is **critical**

FEATURES

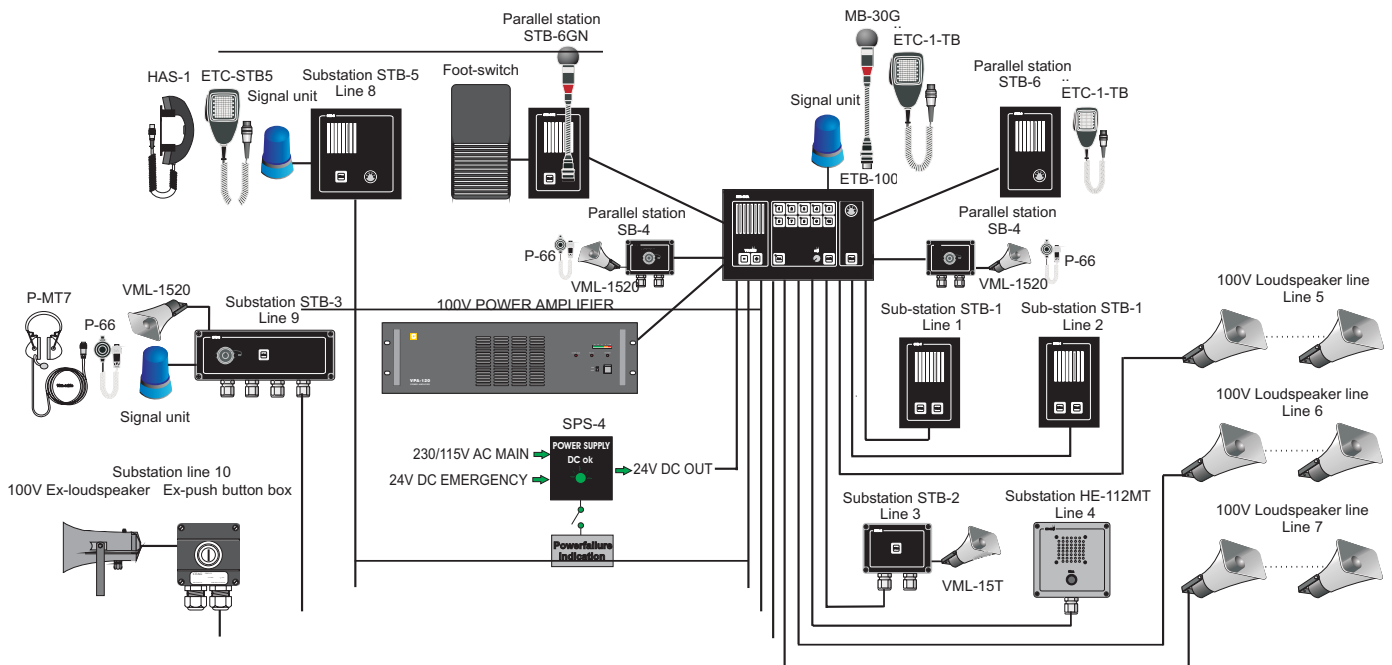
- Operator station with Direct Access Keys
- Public address using power amplifiers and 100V loudspeakers
- 10 lines direct selection
- Work group communication facility
- Extension buttons with memory light and buzzer indication of incoming calls
- Easy access volume control for operators
- Dimmable panel background light
- Easy integration with SPA-V2 for audio output and zone selection
- Integrated bridge solution with DIN norm for mounting

DESCRIPTION

The ETB-100 Talk-Back system is a command communication system based on one operator unit/panel, and a wide range of substations. The ETB-100 system supports public address using power amplifiers and 100V loudspeakers. The system is typically used to coordinate activities in a work group – when it is important that all members in the group can hear all conversations.

The system can be delivered for 10 substations lines, and operate on 24 VDC. The ETB-100 operator panel has foil protective push button types with individual line buttons and “ALL”-button. The “TALK”-button controls the Talk / Listen function while the “CALL”-button activates the external signal unit or relay box. The standard version has a built in loudspeaker with step volume control of the listening level and a microphone outlet for handheld or gooseneck microphones.

The ETB control unit has separate terminal blocks for each substation. The stations are designed and made for marine usage and environment.



Type approved

The system is tested according to EN60945, and is type approved by DNV, RMRS and CCS,

SPECIFICATIONS

Central ETB-100	
Material / finish	Aluminium / black
Mounting	Flush with 4 x 4 mm screws
Terminals	Plugable screw terminals for cable max. 2.5 mm ²
Cable gland	6 x PG-16
IP rating	IP-22
Dimension (mm)	240W x 144H x 130D (with glands)
Weight	Approx. 1.8 kg
Microphone input	Contact for handheld and gooseneck -microphone
Switches	Push button type with LED indication
Power supply	24 - 32 VDC
Current consumption	1.3 A
Output power	15 W RMS
Frequency range	200 Hz - 8 KHz (-3 dB)
Temperature operating	-20 + 55°C
For further details	See separate data sheet ETB-100
Substation & Other Equipment	See separate data sheet

SYSTEM UNITS

ORDER NUMBER	DESCRIPTION	ORDER NUMBER	DESCRIPTION
Central units		Bridgewing equipment	
3005020019	ETB-100 Central, Panel mounted, 10 lines, 24V DC, 2A, IP-22	3005020062	STB-6 Flush Mounted Substation for Microphone, IP-22
3005020033	MB-30G Gooseneck Microphone, IP-22	3005020033	MB-30G Gooseneck Microphone, IP-22
3005020029	ETC-1-TB Hand Microphone with 5-pin din plug	3005020029	ETC-1-TB Hand Microphone with 5-pin DIN Plug
3006206019	RS-3C Rack module for VPA amplifier	3005020063	STB-6GN Flush Mounted Substation with Gooseneck Microphone, IP-22
3005010235	VPA-120 19" Power Amplifier 120W/100V - 220V AC/24V DC - 3HU	3005020053	SB-4 Plug Box for Handmic, Waterproof
3005010237	VPA-240 19" Power Amplifier 240W/100V - 220V AC/24V DC - 3HU	3005020039	P-66 Hand Microphone with Plug, Waterproof, IP-66
3005010239	VPA-400 19" Power Amplifier 400W/100V - 220V AC/24V DC - 3HU	3005020040	P-66/10 Hand Microphone with Plug and 10m Cable, Waterproof, IP-66
Substations & Accessories		Accessories	
3005020057	STB-1 Wall Mounted Indoor Loudspeaker with Call and Answer Button, IP-22	3005020065	WBOKS Wall Mounted Box for ETB-5 & 10, IP-22
3005020058	STB-2 Call Box, Waterproof, Wall Mounted, IP-66	3005020064	STBOKS For STB-6 and STB-6GN when Wall Mounted, IP-22
3005020059	STB-3 Combined Call Box and Signal Relay (2A) Unit without Loudspeaker, IP-66	3005010206	STBOKS5 FOR STB5 and STB-5GN when Wall Mounted
3005020050	P-MT7 Portable Headset w/10m Cable and Plug for above, IP-54	3005020055	SPS-4 Power Supply 115/230V AC/ 24V DC, 4A with Auto-switch IP-44
3005020060	STB-5 Flush Mounted Substation w/Relay, for Mic. or Handset, IP-22	3006100088	VML-1520 Hornspeaker 15W, 20 Ohm, Waterproof, IP-67
3005020061	STB-5GN Flush Mounted Substation w/Relay, w/Gooseneck, IP-22	3006100089	VML-15T Hornspeaker 100V 15W, Waterproof
3005020032	HAS-1 Handset for STB-5	3006102041	EHS-240 Rotary Light 24 VDC O(range), IP-54
3005020030	ETC-STB5 Hand Microphone w/4 pin Plug	3006102038	EHS-24B Rotary Light 24 VDC B(lue), IP-54
3006206030	VH-10M Portable Hornspeaker with Callbox and 10m Cable+Plug Waterproof, IP-66	3006102039	EHS-24G Rotary Light 24 VDC G(reen), IP-54
3006206032	VH-10M-T Portable Hornspeaker 100V with Callbox and 10m cable+plug Waterproof, IP-66	3006102042	EHS-24G Rotary Light 24 VDC R(ed), IP-54
1020600989	CD-2 Plugbox Waterproof for VH-10M & VH-10M-T, IP-66	3006102002	A-100 Electronic Alarm Horn 24V DC Waterproof 100dB
3006206034	VHM-10 Special Deck Unit with Handmic. mounted in Waterproof Cabinet, IP-66	3006102023	BLK5-240 Flash Beacon 15-35V DC 5 Joule Waterproof, O(range) IP-65
3006206035	VHM-10-T Special Deck Unit 100 V with Handmic. mounted in Waterproof Cabinet, IP-66	3006102022	BLK5-24B Flash Beacon 15-35V DC 5 Joule Waterproof, B(lue), IP-65
3006206006	HE-112M Outdoor Loudspeaker with Call Button, Waterproof	Ex-substation	
3006206007	HE-112M-T Outdoor Loudspeaker 100V with Call Button, Waterproof, IP-66	3006206015	NEBB-42EX Callbox, ATEX-approved , EEx de IIC T6, IP-66
		1020600992	IRR-3 Relaybox 24V DC or 220V AC - Signal Unit Waterproof, IP-66
		3006100038	DSP-15EExeN Ex Speaker 15W with two Cable Inlets ATEX Approved, Waterproof, IP-66/67