VINGTOR ⬡ STENTOFON

SPA-V2

Public Address & General Alarm System

FEATURES

- **Standalone PA & GA system made for the marine environment**
- **19" rack with screw terminals for ship cable network**
- **Power Amplifiers, 100 V line with alternative power output of 120W, 240W, 400W, 600W**
- **Provides monitoring of power amplifiers**
- **6 zones selection + ALL**
- **Integrated PA/GA solution in combination with ACM system**
- **Input for 3 microphone panels**
- **AUX / Alarm input**
- **Input from Talk-Back system**
- **Input from PABX (preselected zones)**
- **Mains 230VAC/24VDC or 230VAC/230 VAC with auto switch-over (110VAC on request)**
- **Built-in pre-amplifiers**
- **Wide set of microphone and alarm panels**

DESCRIPTION

The SPA-V2 system is specially designed to meet the demands for a cost-effective Public Address & General Alarm system for use on board marine vessels. The system is available in different versions and offers a set of standard and optional features that covers the requirements for a marine PA/GA system for all types of marine vessels.

Each SPA rack supports power output from 120W to 600W. A system can consist of multiple racks to provide needed capacity. The racks can be provided in the following sizes: 12 HU, 16 HU, 20 HU, and 24 HU

The SPA system supports the integrated PA and GA solution. This solution is type approved for Public Address and General Alarm. Together with the ACM system, the SPA system is extremely cost efficient where SPA loudspeaker loops are used together with the integrated ACM units to cover areas where PA and GA are required onboard the marine vessel.
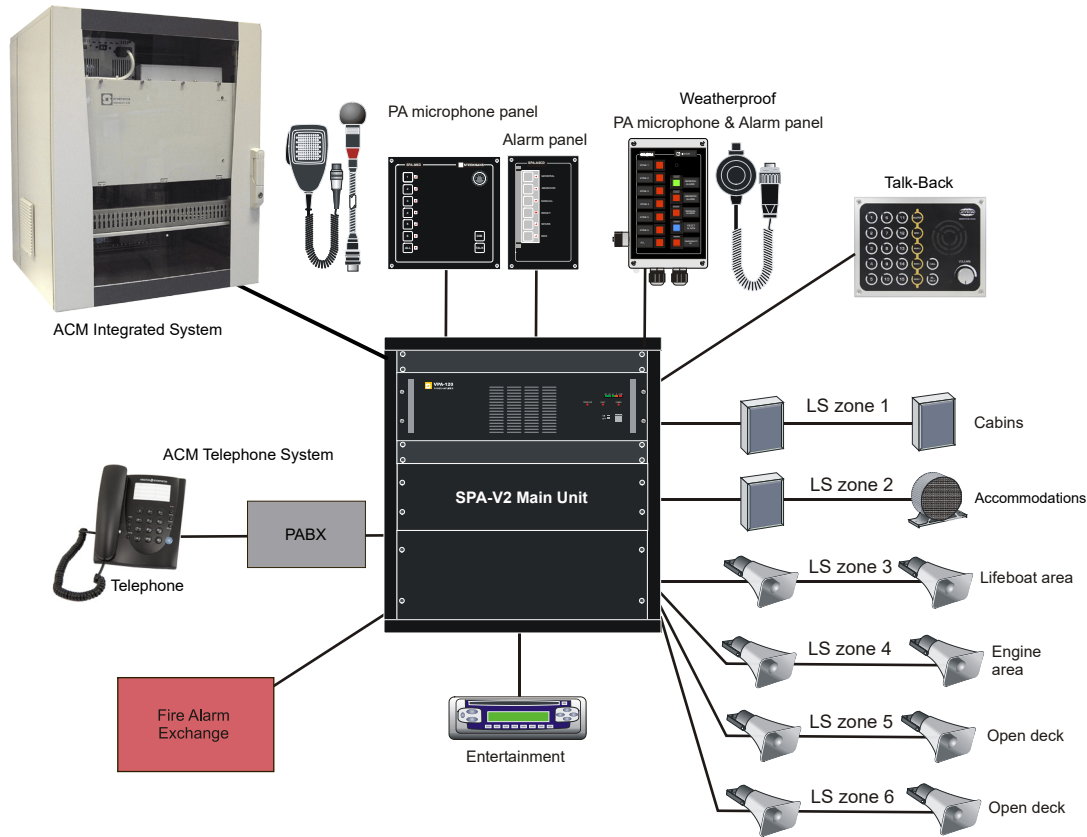
At delivery, the rack is equipped and internally wired according to customer specifications.

TYPE APPROVALS

The SPA system is tested according to EN60945, and type approved by DNV-GL, RMRS, CCS, RINA, CRS, Lloyd's Register, ABS, and BV.

ACM Integrated System

PA microphone panel

Alarm panel

Weatherproof
PA microphone & Alarm panel

Talk-Back

ACM Telephone System

Telephone

PABX

SPA-V2 Main Unit

Fire Alarm
Exchange

Entertainment

LS zone 1 — Cabins
LS zone 2 — Accommodations
LS zone 3 — Lifeboat area
LS zone 4 — Engine area
LS zone 5 — Open deck
LS zone 6 — Open deck

System Units SPA-V2

ITEM NUMBER	DESCRIPTION
Central Units, Control Units & Amplifiers	
3005010079	SPA-120-V2 PA Main Unit, 19" Rack 1X120W VPA Amplifier
3005010084	SPA-240-V2 PA Main Unit,19" Rack 1X240W VPA Amplifier
3005010087	SPA-400-V2 PA Main Unit,19" Rack 1X400W VPA Amplifier
2340130005	SPA-400-D-V2 PA Main Unit, 1X400W Class-D Amplifier
2340130003	SPA-600D-V2 PA Main Unit, 1X600W Class-D Amplifier
1023131400	EA1400 Exigo Class-D Amplifier 1 x 400W
1023131600	EA1600 Exigo Class-D Amplifier 1 x 600W
3005010235	VPA-120 Power Amplifier, 120W/100V, 220V AC/24V DC - 3HU
3005010237	VPA-240 Power Amplifier, 240W/100V 220V AC/24V DC - 3HU
3005010239	VPA-400 Power Amplifier, 400W/100V 220V AC/24V DC - 3HU
3005010180	SPA-SHELF SHELF 1-4 for Additional Equipment
3005010181	SPA-SHELF4 Shelf w/drawer f/CU system incl. rack expansion 3HU
3005010184	SPA-SWITCH-V2 Monitor with 6x Volume Line Selector & Switch
3005010185	SPA-SWITCH-V3 6x Prog & Line Selector Switch w/ Volume Control
3005010173	SPA-RCD Radio/CD Player including Rack Expansion 2U
3005010169	SPA-PABXR-V2 PABX Recall Voice Rec Mod 1HU Rack Expansion
2340120022	MR1301 Digital Audio Recorder/Player
3005010177	SPA-REM7 Remote Panel with 7 Start & 1 Stop Button
3005010109	SPA CHIME-V2 CHIME Generator
3005010166	SPA-ZONE Control Board with 4-Way Entertainment 6 Zones
3005010188	SPA-TERM-V2 Terminal Board SPA with 2.5m Cable
3005010121	SPA-EE3D-V2 Alarm set for dual system
3005010124	SPA-EE3-V2 Single alarm generator with 3 alarm tones
3005010127	SPA-EMS-V2 Switching board for emergency PA message
3005010102	SPA-AL-REL-V2 3x potential-free relay output
3005010130	SPA-ENT4-V2 4-wire entertainment 6 zones
3005010191	SPA-VDR-V2 Output for voice data recorder
3005000038	SMIII-PA PA telephone interface (trunk line needed per PA line)
3005010136	SPA-FAIL Power failure output relay with potential-free contact
3005010189	SPA-UPS Auto switch between 230 AC main & emergency UPS

ITEM NUMBER	DESCRIPTION
Announcement & Alarm Units	
3005010150	SPA-M1-V2 PA Panel Single, All-Call, Flush
2340110019	SPA-M1-D PA Panel Dual, All-Call, Flush
2340110020	SPA-M6-V2 PA Panel Single with 6 zones, All Call, Dimmer, Flush
2340110021	SPA-M6-D PA Panel Dual with 6 Zones, All Call, Dimmer, Flush
3005020029	ETC-1-TB Hand Microphone
3005020033	MB-30G Gooseneck Microphone
3005010155	SPA-M6BOKS Back box for SPA-M1 and M6 panels when wall mounted
3005010095	SPA-AC6 Single alarm panel with covered and illuminated alarm start and reset button for indoor use
3005010096	SPA-AC6-D Dual Alarm panel with covered and illuminated alarm start
3005010003	ACBOKS Back box for SPA-AC6 panels when wall mounted
3005010199	SPA-W1-V2 Weatherproof PA panel for outdoor use, IP-66
3005010197	SPA-W1-D Dual weatherproof PA panel for outdoor use, IP-66
3005010196	SPA-W1AR-V2 Weatherproof PA and alarm panel for outdoor use IP-66
3005010195	SPA-W1AR-D Dual Weatherproof PA, outdoor alarm panel, IP-66
3005010202	SPA-W6A4-V2 Weatherproof PA and alarm panel with 6 zones for outdoor use, IP-66
3005010203	SPA-W6A4-D Dual weatherproof PA and alarm panel with 6 zones for outdoor use, IP-66
3005020039	P-66 Hand Microphone With Plug, Watertight
3005020040	P-66/10 Hand Microphone With Plug And 10 M Cable, Watertight
3005010172	SPA-PROG4-RDF Entertainment Program Selector Dual Failsafe, 4 Program Inputs PA A&B with Override
3005010024	ENT-4F Bedside Type Panel with Volume Control and Program Selector, Failsafe

sales@zenitel.com