



MED 2014/90/EU



Crystal Clear Sound for Emergency Communication and Announcements. Even in the Noisiest Environments.

BECAUSE COMMUNICATION IS CRITICAL

SPA-V2

PUBLIC ADDRESS & GENERAL ALARM SYSTEM (PA/GA)

RELIABLE INTEGRATED AND
COST-EFFECTIVE MARITIME
PUBLIC ADDRESS SYSTEM

Zenitel's SPA-V2 PA/GA system is designed to provide high sound quality and speech intelligibility in the noisiest environments, including engine rooms. With a broad range of standard and optional features and integration options, we create a unique solution for each installation tailored to the customer's special needs. The SPA-V2 offers high reliability and ensures the broadcast of messages, alarms and emergency announcements from the navigation bridge and other locations as needed. The solution is extremely cost-effective as it covers all required areas on board vessels of different sizes including integration with ICX AlphaCom or other PABX systems.

TYPE APPROVALS

The PA/GA (Public Address/General Alarm) system is required on nearly all vessels by maritime regulations, covering both cargo and passenger ships. Our solutions meet all global requirements with maritime approvals. The SPA-V2 PA/GA system is well-known and type-approved by classification societies.

The latest SPA-V2 development secures the Marine Equipment Directive (MED) product certificate - MED-B. This update ensures we continue to deliver safety systems compliant with the latest regulations.

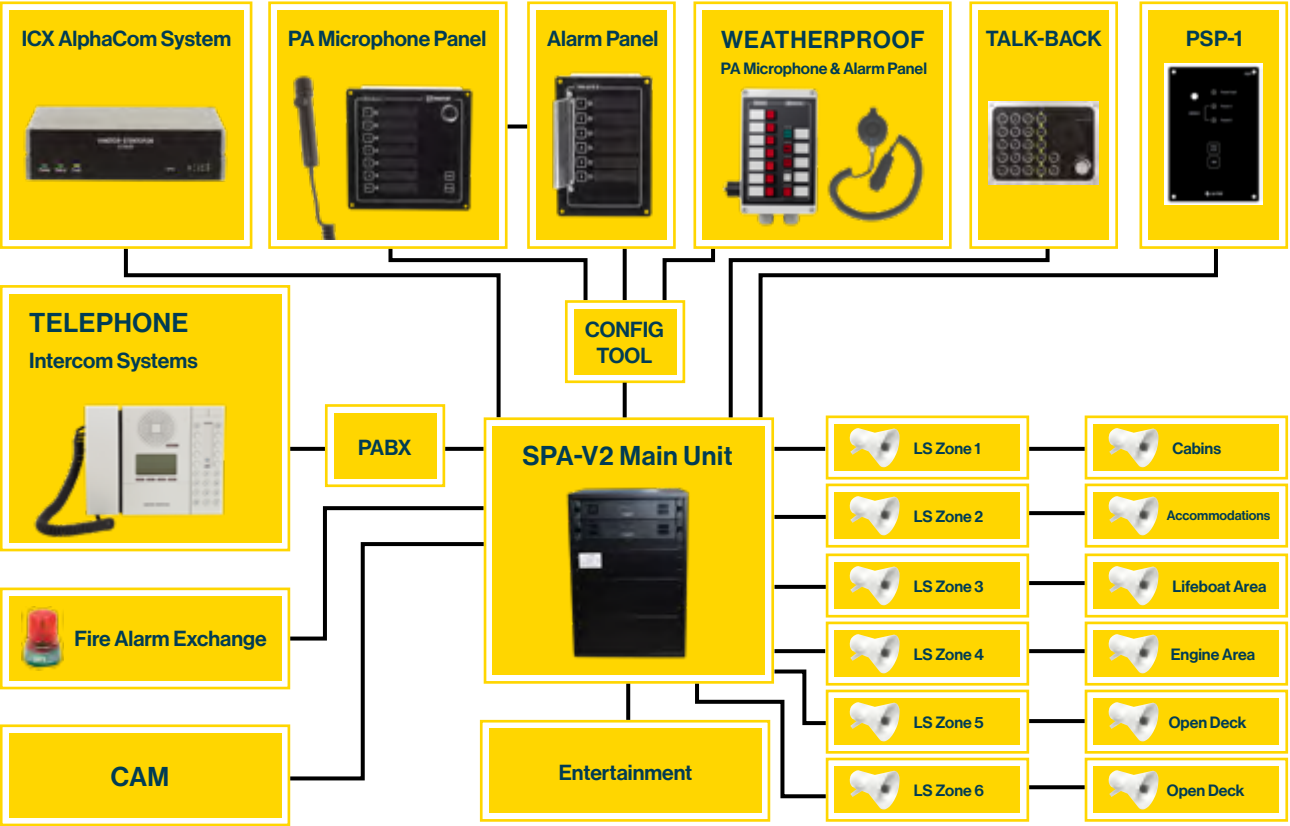
ABOUT THE SPA-V2 PA/GA SYSTEM

FEATURES

- Provides messages, alarms and emergency announcements, from the navigation bridge to all required areas on board the vessel.
- Covers all global requirements for a marine PA and GA system for various vessel types.
- Ensures excellent speech quality in noisy environments.
- Input from Talk-Back and PABX system.
- Each SPA rack supports power output from 120W to 2800W.
- Supports a wide set of microphones and alarm panels.

SYSTEM VARIATIONS

- The solution offers a wide range of standard and optional features.
- The SPA-V2 PA/GA system can include multiple racks for the required capacity.
- The racks can be delivered in the following sizes: 12 HU, 16 HU, 20 HU, and 24 HU.
- Power Amplifiers 100V line, with alternative 120W, 240W or 400W.



SYSTEM UNITS SPA-V2
Access Panels

ORDER NUMBER	DESCRIPTION
2340110033**	SPA-M1 Single PA panel f/ All Call, flush, without mic
2340110034**	SPA-M1-D Dual PA panel f/ All Call, flush, without mic
2340110035**	SPA-M6-V2 Single PA panel w/ 6 zones, All Call, Dim, flush, without mic
2340110036**	SPA-M6-D Dual panel w/ 6 zones, All Call, Dim, flush, without mic
2340110037**	SPA-AC6 Single Alarm panel
2340110038**	SPA-AC6-D Dual Alarm panel
3005010199**	SPA-W1-V2 Single Weatherproof PA panel, IP66
3005010197**	SPA-W1-D Dual Weatherproof PA panel, IP66
3005010196**	SPA-W1AR-V2 Single Weatherproof PA- & Alarm panel, IP66
3005010195**	SPA-W1AR-D Dual Weatherproof PA- and Alarm Panel, IP66
3005010202**	SPA-W6A4 Single Weatherproof PA and Alarm Panel 6 Zones
3005010203**	SPA-W6A4-D Dual Weatherproof PA and Alarm Panel 6 Zones
4000014310	P-1308 Dual Ex Microphone Station

! **With new Pricelist according to MED-B approved products this item will get a new order number according to MED-B approved product classification

SYSTEM UNITS SPA-V2
Central Units, Control Units & Amplifiers

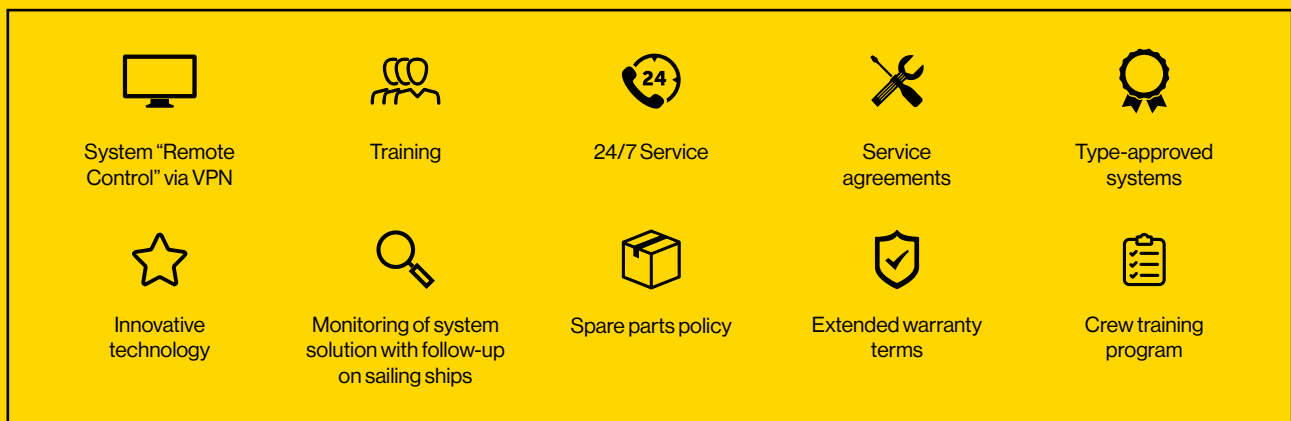
ORDER NUMBER	DESCRIPTION	ORDER NUMBER	DESCRIPTION
2340130005	SPA-400D-V2 PA Main Unit, 1X400W Class-D Amplifier	2340120022	MR1301 Digital Audio Recorder/Player
2340130007	SPA-D-V2-REDUNDANT PA/GA Class-D REDUNDANT Main Unit, 19" RACK	3005010109	SPA CHIME-V2 CHIME Generator
3005010079	SPA-120-V2 PA Main Unit, 19" Rack 1X120W VPA Amplifier	3005010166	SPA-MUL-V2 Zone Control Board with 4-Way Entertainment 6 Zones
3005010084	SPA-240-V2 PA Main Unit,19" Rack 1X240W VPA Amplifier	3005010188	SPA-TERM-V2 Terminal Board SPA with 2.5m Cable
3005010087	SPA-400-V2 PA Main Unit,19" Rack 1X400W VPA Amplifier	3005010121**	SPA-EE3D-V2 Alarm set for dual system
1023131400	EA1400 Exigo Class-D Amplifier 1 x 400W	3005010124**	SPA-EE3-V2 Single alarm generator with 3 alarm tones
3005010235	VPA-120 Power Amplifier, 120W/100V, 220V AC/24V DC - 3HU	3005010127	SPA-EMS-V2 Switching board for emergency PA message
3005010237	VPA-240 Power Amplifier, 240W/100V 220V AC/24V DC - 3HU	3005010102	SPA-AL-REL-V2 3x potential-free relay output
3005010239	VPA-400 Power Amplifier, 400W/100V 220V AC/24V DC - 3HU	3005010130	SPA-ENT 4-V2 4-wire entertainment 6 zones
3005010184	SPA-SWITCH-V2 Monitor with 6x Volume Line Selector & Switch	3005010191	SPA-VDR-V2 Output for voice data recorder
3005010173	SPA-RCD Radio/CD Player including Rack Expansion 2U	3005000038	SMIII-PA PA telephone interface (trunk line needed per PA line)
3005010169	SPA-PABXR-V2 PABX Recall Voice Rec Mod 1HU Rack Expansion	3005010136	SPA-FAIL Power failure output relay with potential-free contact
2340130022	SPA-400D-V2 110VAC PA Main Unit, 19" Rack 110 VAC	3005010189	SPA-UPS Auto switch between 230 AC main & emergency UPS
2340130024	SPA-D-V2-REDUNDANT 110VAC PA/GA Class-D REDUNDANT Main Unit, 19" RACK		

Loudspeakers

ORDER NUMBER	DESCRIPTION
2131000138**	CL-200T - Ceiling Loudspeaker, w/ steel fire dome, fused, 100V, 6W
2131000131**	CLMQ-200T - Ceiling Loudspeaker, high sound quality, 100V, 6W
2131000141**	CL-135T-W/FD - Ceiling Loudspeaker, w/ steel fire dome, 100V, 6W
2131000133**	CLWT-135T - Ceiling Loudspeaker, WT IP55, 100V, 6W
2131000206**	VLS-15T/F Horn Loudspeaker, WT IP-66, fused, 100V, 15W
2131000208**	VLS-30T/F Horn Loudspeaker, WT IP-66, fused, 100V, 30W

Microphones

ORDER NUMBER	DESCRIPTION
3005020033	MB-30G Gooseneck Microphone
3005020039	P-66 Handheld Microphone Waterproof
3005020040	P-66/10 Handheld Microphone with 10-Meter Cable Waterproof
1023533013	PAM2H Handheld Microphone for SPA-V2 indoor panels



Scan or click **HERE** for a full overview of our SPA-V2 PA/GA System

WHY ZENITEL?

You need systems that work. Every time. We provide reliable and resilient integrated communication solutions. We understand that the safety and efficiency of your most valuable resource – your employees – is key to your success.

We're specialists in the maritime and energy segments: we know the ocean industry, and we speak your language. Our innovative solutions for critical and intelligent communication deliver reliable performance in all conditions. We also understand your need to safeguard your assets, whether it is an ocean-going vessel or an energy plant. That's why we offer integrated communication solutions that enable seamless information sharing, so you can make better decisions more quickly.

Our systems and solutions provide high availability, scalability, reliability, maintainability and cyber defensibility. Our flexible and innovative solutions for intelligent communication, data, safety and entertainment systems deliver reliable performance in all conditions.