

PHONTECH Communication Systems

COMPACT MPA PUBLIC ADDRESS AND GENERAL ALARM SYSTEM

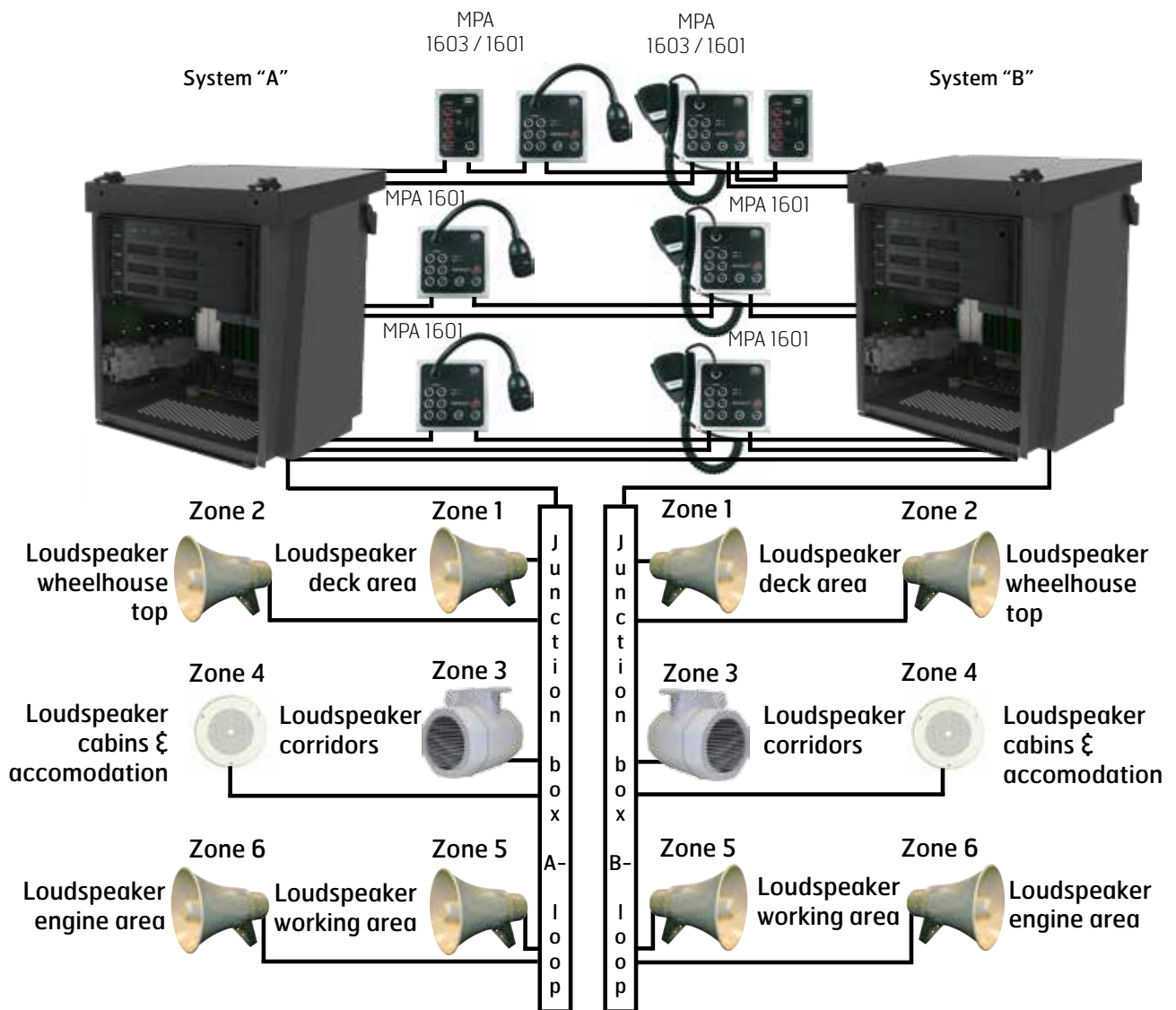


www.jotron.com

COMPACT MPA PUBLIC ADDRESS AND GENERAL ALARM SYSTEM

Compact MPA is a Public Address (PA) and General Alarm (GA) system optimized for IMO / Solas requirements for small and medium sized vessels. The system has a flexible configuration and covers a wide range of installation complexities from single system PA to fully duplicated PAGA systems.

Using all the proven features of the flexible and scalable MPA 1600 system, this compact wall cabinet is small and easy to install.



SYSTEM

- Well proven type approved MPA 1600 Operation Unit / MPA 1601 Control Units /MPA 1603 Alarm Panels
- Cabinets with integrated ships cable termination modules
- Flexible system configuration meets IMO /Solus requirements
- Single or duplicated system configuration
- Up to 6 zones selectable in any combination
- Up to 24 control units, full facility (MPA 1601 / 1603)
- Up to 2 emergency microphone inputs
- Up to 2 external paging facilities (from ICS6200 / PABX etc.), preset zone selection
- Interface to manual and / or automatic alarm generation
- Signal processing (AGC / compressor / filter)
- Entertainment distribution, external source, preset zone selection
- Prepared for full duplication (redundancy)
- System / power failure outputs

SPECIFICATIONS

- Dual power: 110-230VAC primary and 110-230 VAC or 24 VDC backup with automatic changeover
- Chime / "ding-dong" generator
- Signal processing (AGC / compressor / filter)
- Programmable priority levels (up to 254 different levels)
- Normal PA / Emergency PA functionality
- 1-3 Amplifiers, up to 750W output power
- Distribution of General Alarm
- Distribution of Fire Alarm (zone configurable)
- Distribution of 2 additional alarms with configurable priority and zone selection (optional)
- Alarm light signal activation (optional)
- Configurable automatic recording / playback of announcements to avoid audible feedback howling (Individually configured: External PA, Microphones, Control Units)
- IMO / SOLAS mandatory functions
 - Entertainment volume override outputs (per zone) (during PA / GA)
 - External entertainment mute output (during PA / GA)
 - General Alarm visual alert control output (rotating / flash light)
 - Emergency PA visual alert control output (rotating / flash light)
 - External General Alarm system mute control output (during Emergency PA)
 - Ships whistle synchronization control output (during General Alarm)

MPA 1601 control unit, flush mounting (HxW: 144x144mm)

- Noise cancelling gooseneck or hand microphone
- Adjustable backlight
- Facility for muting local loudspeaker during paging

Related units:

- Relay unit 9000, volume controls, Signal lights, PA loudspeakers (100V line)

SPECIFICATIONS		
p/n:	Name:	Description:
19773	Compact MPA 250W AC/DC	Complete PAGA system cabinet 250W output power, 110-230 VAC mains, 24VDC backup
19774	Compact MPA 250W AC/AC	Complete PAGA system cabinet 250W output power, 110-230 VAC mains, 110-230 VAC backup
19775	Compact MPA 500W AC/DC	Complete PAGA system cabinet 500W output power, 110-230 VAC mains, 24VDC backup
19776	Compact MPA 500W AC/AC	Complete PAGA system cabinet 500W output power, 110-230 VAC mains, 110-230 VAC backup
19777	Compact MPA 750W AC/DC	Complete PAGA system cabinet 750W output power, 110-230 VAC mains, 24VDC backup
19778	Compact MPA 750W AC/AC	Complete PAGA system cabinet 750W output power, 110-230 VAC mains, 110-230 VAC backup

Volume controls



20W



60W



Microphone station 1176
single system



Microphone station 1808
dual system

Loudspeakers 100V line. (Optional fuse)



HP10T



HP15T



BIVP 6T



BF560T

Compact MPA is type approved by DNV, RINA, CCS, ABS and RMRS.



Agent/Distributor:

Jotron AS reserves the right to change the design and/or specifications at any time without prior notice. Reservations are also taken towards any general errors that may occur.

v.B

www.jotron.com

CONTACT INFORMATION

Jotron AS
P.O.Box 54
3281 Tjodalving
Norway
Tel: +47 33 13 97 00
Fax: +47 33 12 67 80
sales@jotron.com

Jotron UK Ltd.
Crosland Park
Cramlington
NE23 1LA
United Kingdom
Tel: +44 (0) 1670 712000
Fax: +44 (0) 1670 590265
sales@jotron.com

Jotron Asia Pte. Ltd.
19 Loyang Way
Changi Logistics Centre
Rear Office Block 04-26
Singapore 508724
Tel: +65 65426350
Fax: +65 65429415
sales@jotron.com

Jotron USA, Inc.
10645 Richmond Avenue, Suite 170
Houston, TX 77042
USA
Tel: +1 713 268 1061
Fax: +1 713 268 1062
sales@jotron.com