



# PHONTECH Communication Systems

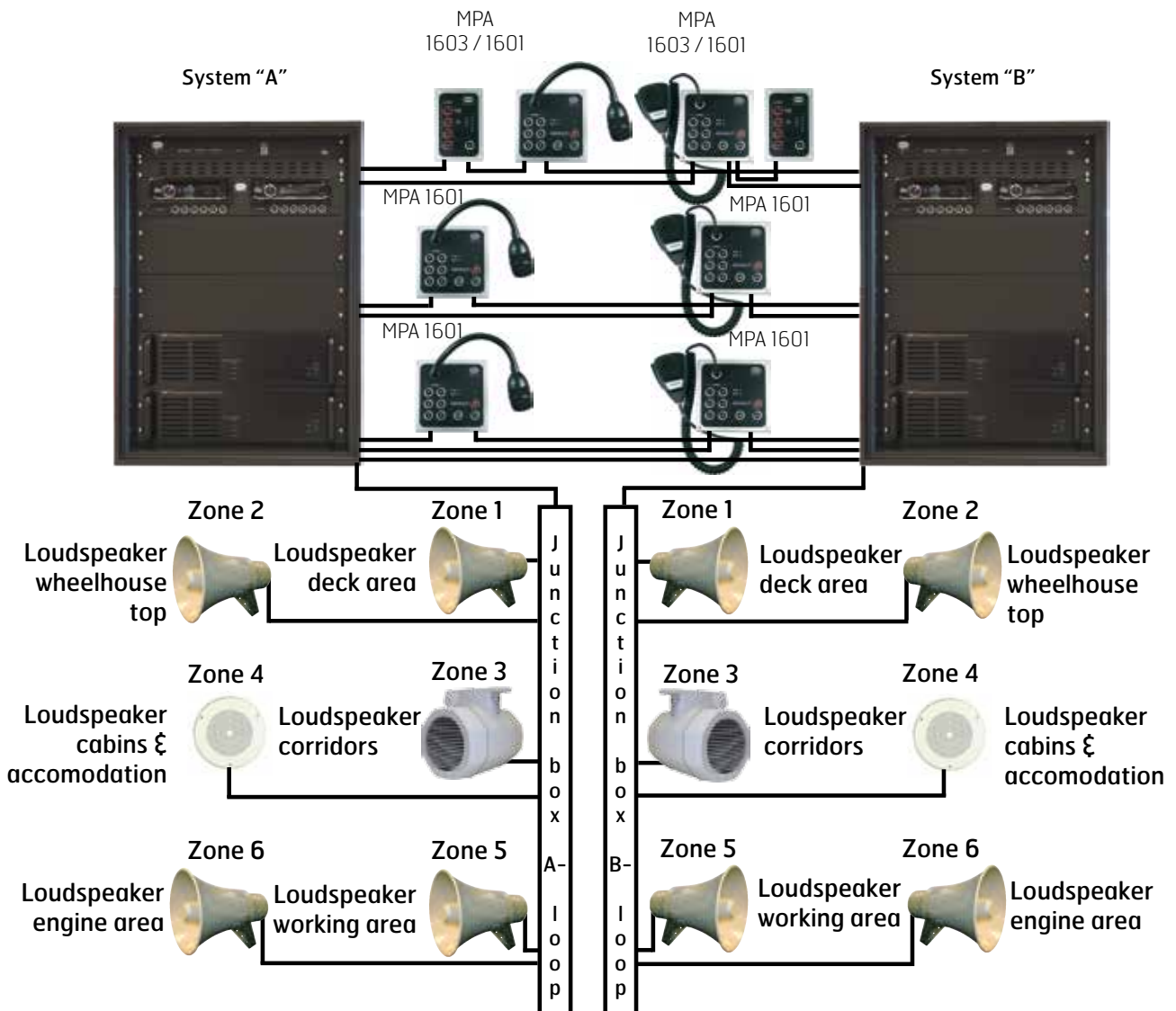
## MPA 1600 PUBLIC ADDRESS SYSTEM



[www.jotron.com](http://www.jotron.com)

# ▶ MPA 1600 PUBLIC ADDRESS SYSTEM

The MPA 1600 system is a marine and offshore Public Address system, especially designed to meet the requirements for PA/GA and entertainment distribution onboard ships and mobile offshore units. The system is in conformity to SOLAS, IMO and IEC regulations. Based on a modular design and flexible configuration, the system covers a wide range of installation complexities from small single loop to fully duplicated systems utilizing total redundancy.



## SYSTEM

- Cabinets and racks with integrated ships cable termination modules
- Flexible system configuration meets most specifications.
- Prepared for seamless amplifier or full duplication (redundancy)
- Up to 6 zones selectable in any configuration
- Up to 24 control units, full facility (MPA 1601/1603)
- Up to 2 emergency microphone inputs
- External paging facility (from ICS6200/PABX etc.)
- Interface to manual and/or automatic alarm generation
- 2 entertainment sources, free zone selection
- Signal processing
- Preselectable priority levels
- Unlimited amplifier expansion
- Facility for muting local loudspeaker during paging
- Override of entertainment volume-controls during paging
- Output for mute of external GA system
- Output for activation of external GA system
- Synchronisation of external GA tones
- Up to 8 different alarms w/priority (optional)
- Chime/"ding-dong" generator
- Alarm light signal activation (optional)
- Mute of external alarm facility (optional)

## SPECIFICATIONS

- MPA 1600 and power amplifiers are 19" rack mounting
- 16439MPA Cabinet 15U/19"
- 18935MPA Cabinet 16U/ 19"
- 18937MPA Cabinet 34U/19"
  - Available options:
    - MPA 1602 Entertainment module
    - EV-20R Message storage module
    - Amplifiers
    - Hot standby facility
    - Dual amplifier bank
- Dual power: 230VAC/230VAC or 230VAC/24VDC with automatic mains failure backup
- Available amplifiers: 120W, 240W, 360W, 480W / 100V line
- Related units: Relay unit 9000, volume controls
- Signal lights, PA loudspeakers (100V line)
- External paging input/output
- Entertainment input
  
- MPA 1601 control unit, flush mounting
- Noise cancelling gooseneck or hand microphone (optional)
- Adjustable backlight
- MPA 1601 dimension: H=144mm, w=144mm





**Volume controls.**



20W



60W



Microphone station 1176  
single system



Microphone station 1808  
dual system

**Loudspeakers 100V line. (Optional fuse).**



HP10T



HP15T



BIVEP 6T



BF560T

MPA 1600 is type approved by DNV, RINA, CCS, ABS and RMRS.



Agent/Distributor:



marinesales@mackaymarine.com  
+1 281 479 1515

service@mackaymarine.com  
+1 281 478 6245

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.

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**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