



PHONTECH Communication Systems

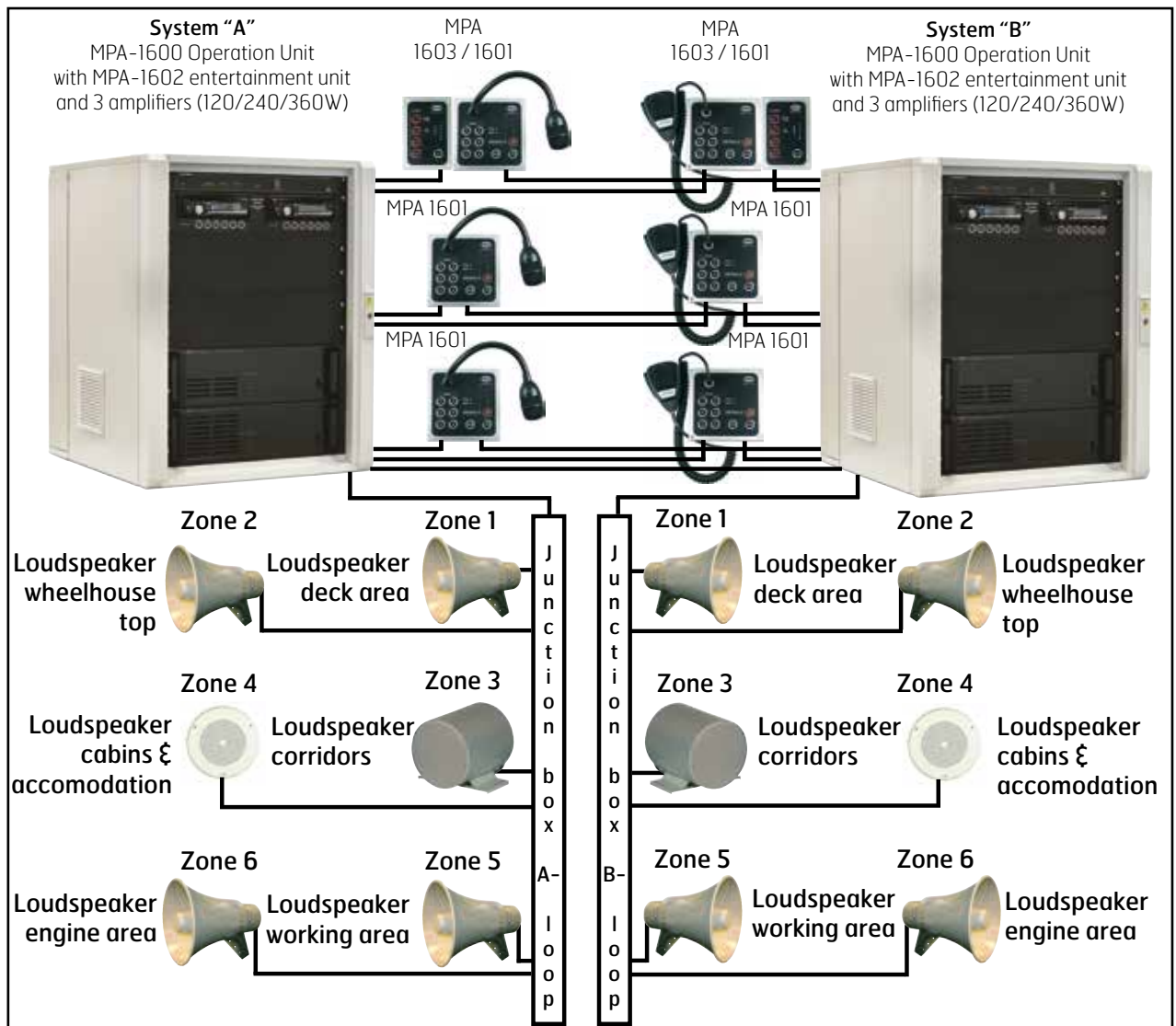
MPA 1600 PUBLIC ADDRESS SYSTEM



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▶ MPA 1600

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 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)
- Type approval pending MPA 1600:
- 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 DICS/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
- 1610 (Wall/table cabinet 15U/ 19") housing:
 - 1 MPA 1600
 - 1 entertainment module
 - 3 amplifiers
- Power requirement: 24VDC, 110-240VAC with automatic mains failure backup (optional).
- Power consumption: Dependent of amplifiers used
- Available amplifiers: 120W, 240W, 360W units
- Related units: Relay unit 9000, Volume controls from 6-100W, Signal lights, PA loudspeakers (100V line)
- Microphone input level: 5mV (typical)
- External paging input/output level: 0dBm (typical)
- External paging activation: NO/NC dry contacts
- Entertainment input level: 0dbm (typical)
- Amplifiers output level: 100V
- MPA 1601 control unit, flushmounting
- Noise cancelling gooseneck or hand microphone (optional)
- Adjustable backlight
- MPA 1601 dimension: h=144mm, w=144mm





Volume controls.



6W



50W



Microphone Station

Loudspeakers 100V line. Individually protected (fuse).



HP10T



HP15T



CAR 6T



BF560T

MPA 1600 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.

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