4000019821

P-1600 MPA Central Unit

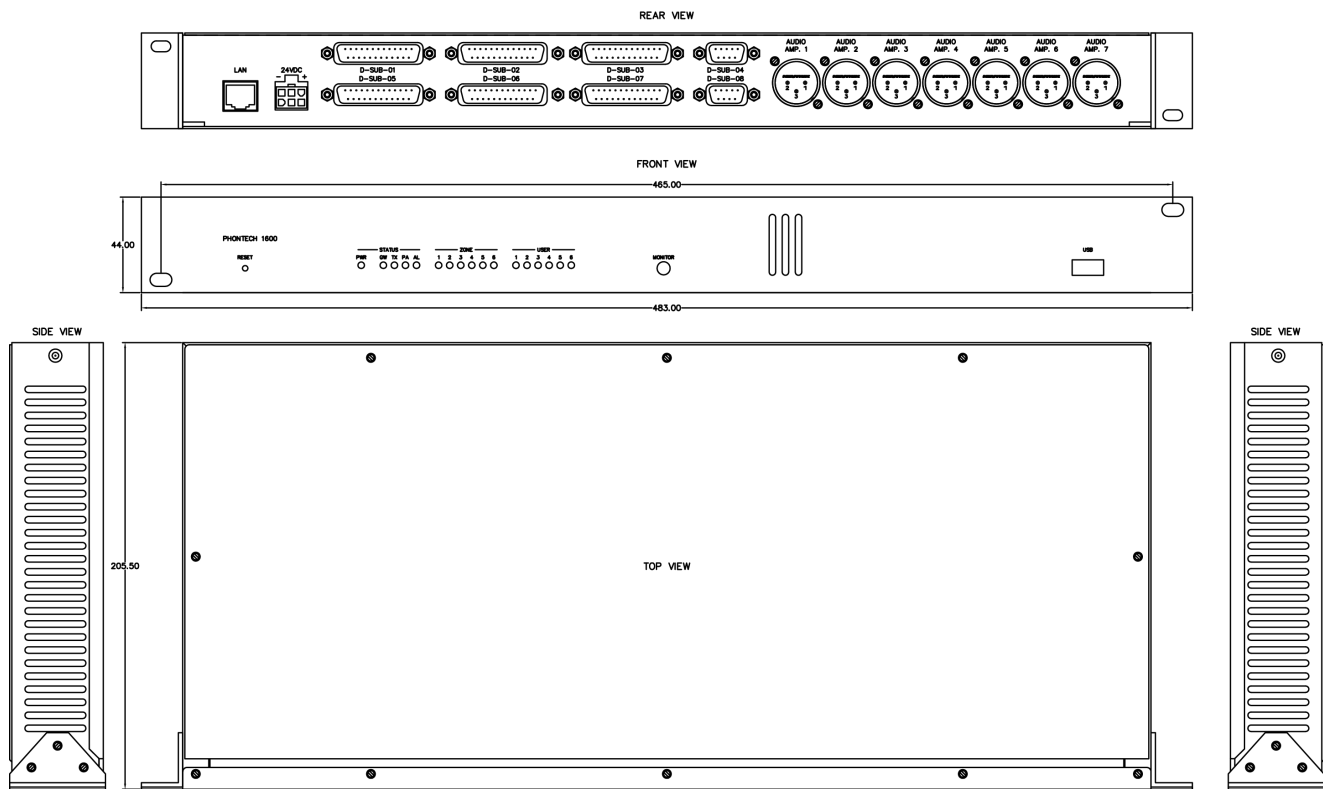Note: This product is only available as spare part.

Description

- ✓ Up to 6 zones, selectable in any configuration.
- ✓ Up to 6 MPA 1601 / 1604 Control Units
- ✓ Up to 6 MPA 1603 Alarm Panels
- ✓ Up to 2 emergency microphones
- ✓ External paging facility (from ICS6200/DICS6100/PABX etc.).
- ✓ Prepared for duplication - A/B dual system, with synchronisation.
- ✓ Interfaces for manual and/or automatic alarms.
- ✓ 2 entertainment sources, with free zone selection (MPA 1602)
- ✓ Signal processing capabilities.
- ✓ Configurable priority levels.

- ✓ 7 audio outputs, with unlimited amplifier expansion.

- ✓ Facility for muting of 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 with external GA tones.

- ✓ Up to 8 different alarms in the system.

- ✓ Up to 6 MPA 1603 Alarm Panels, with up to 4 different alarms.

- ✓ Chime/"ding-dong" generator.

- ✓ Alarm light signal activation.

- ✓ Mute of external alarm facility.

- ✓ Built-in loudspeaker, to monitor activity on zones.

- ✓ IEC 60945 Marine Equipment, IEC60950 Safety

- ✓ DNV GL type approval and compliant with NORSOK

The P-1600 MPA Central Unit is the system central logic controller in the MPA 1600 system. It is designed for 19" 1 Unit rack mounting.

Technical Dimensions

REAR VIEW

LAN 24VDC D-SUB-01 D-SUB-02 D-SUB-03 D-SUB-04 AUDIO AUDIO AUDIO AUDIO AUDIO AUDIO AUDIO
           D-SUB-05 D-SUB-06 D-SUB-07 D-SUB-08 AMP. 1 AMP. 2 AMP. 3 AMP. 4 AMP. 5 AMP. 6 AMP. 7

FRONT VIEW

465.00

44.00

PHONTECH 1600

RESET   STATUS   ZONE   USER   MONITOR   USB
          PWR EM TX PA AL 1 2 3 4 5 6 1 2 3 4 5 6

483.00

SIDE VIEW   SIDE VIEW

205.50   TOP VIEW

Specifications

MECHANICAL

Dimensions	19" 1U rackmount, 44 x 483 x 206 mm (HxWxD)
Weight	3 kg
Mounting	Rack

ELECTRICAL

Operating Voltage	Dual 24VDC – primary (AC through integrated Power supply module) / backup
Current drain maximum	5 A
Microphone input level	5 mV
External PA input level	0 dBu typical (configurable)
External entertainment input level	0 dBu typical (configurable)
Audio outputs to amplifiers	0 dBu typical (configurable)

ENVIRONMENTAL

Temperature	-15°C to +55°C
Humidity	+93% (at +40°C)
Ingress Protection Rating	IP-22