MTB-1200 T/B Paging System
Central Paging System for LNG, Off-shore, Plant and Crane. Page/Party function with In-outdoor and Hazardous Area

GENERAL DESCRIPTION
Talk Back System enables free broadcasting and telecommunication in a particular area such as deck and machinery areas in the offshore. All sub-stations can be connected to the PAGA and the PABX system as well. Substations include four types: Flush, wall, waterproof and explosion-proof types, all of which can be interfaced to the Horn/Bell/Flashlight Light, and the Foot Switch. This system has the function for both call in all and call in group and of the automatic switch of power for the main and the emergency situations. The system was tested at the IEC60945 standard and approved for CE.

Regulations:
1. IEC 60079-0 (Explosive atmospheres 0: Equip. general requirements)
2. IEC 60079-1 (Explosive atmospheres 1: Equipment protection by flameproof enclosures)
3. IEC 60945 (Maritime navigation and radio communication equipment)
4. ISO 1081 (DNV Management System Certificate)

System Features
- Max. 11 Sub-station, Interface with PAGA and I.S. System
- Dry Contact Output Function for Horn, Bell, Flashlight Light at Sub-station
- All / Group Call and Priority Function (Pre-set Assigned)
- Main / Emergency Power Source Change automatically

Electric Specifications : Main Amplifier Unit
1. Power Output : 200W / 400W / 800W, etc
2. Frequency Characteristics : Less than 6.8 (100 ~ 10kHz)
3. Input Sensitivity : More than -36dBm
4. Distortion Ratio : Less than 5%
5. S/N Ratio : More than 50 dB
6. Source of Power : AC100 / 240V(50/60Hz), DC 24V
7. Power Consumption : Max. 20A, 250W (DC 24V), Max. 2.5A, 250W (AC 230V)
8. Input Fuse : AC 30A, DC 30A (In case of 250W)
10. Operating Humidity : Less than 90%

Priority of Broadcasting
This system is operated in the following order (This can be changed by demands)
1. Microphone in the external public address system
2. Remote station microphone broadcasting
3. Main Microphones
4. Substation

Talk Back System Interface with PA

Public Addresser

Talk Back System

The system is connected with PA as the figure above

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