

KAREL AD101

AD101 IS AN ALARM AND ANOUNCE SYSTEM INTENDED FOR MILITARY VESSELS. THE SYSTEM CAN FULFILL DIVERSE REQUIREMENTS AND FORM VARIABLE CONFIGURATIONS THANKS TO ITS MODULAR STRUCTURE.

AD101 alarm and announce system, with its advanced features and integrated structure, perfectly meets the alarm and announce needs of the military vessels. The system can be integrated to the Karel brand military vessel PBXs and in case of need, through any of the phones of the vessel, alarm or announce can be given easily. The system can also be integrated to the user stations that are authorized via Communication Switching System.

Also, AD101 can be configured depending on the requirements of the zones; alarms, announcements and music broadcasting can be made depending on the requirement of the relevant zone.

Power supply and amplifier (sound boosting unit) of the system are located within the main panel of the system to be protected against external effects.



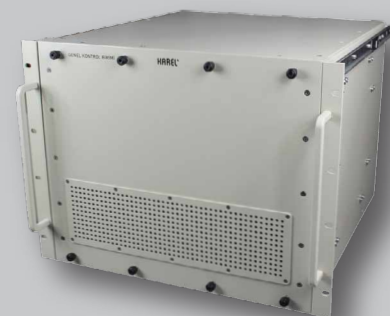
AD101 is a modular structure where multiple products are working integrately. The system composition is as follows:

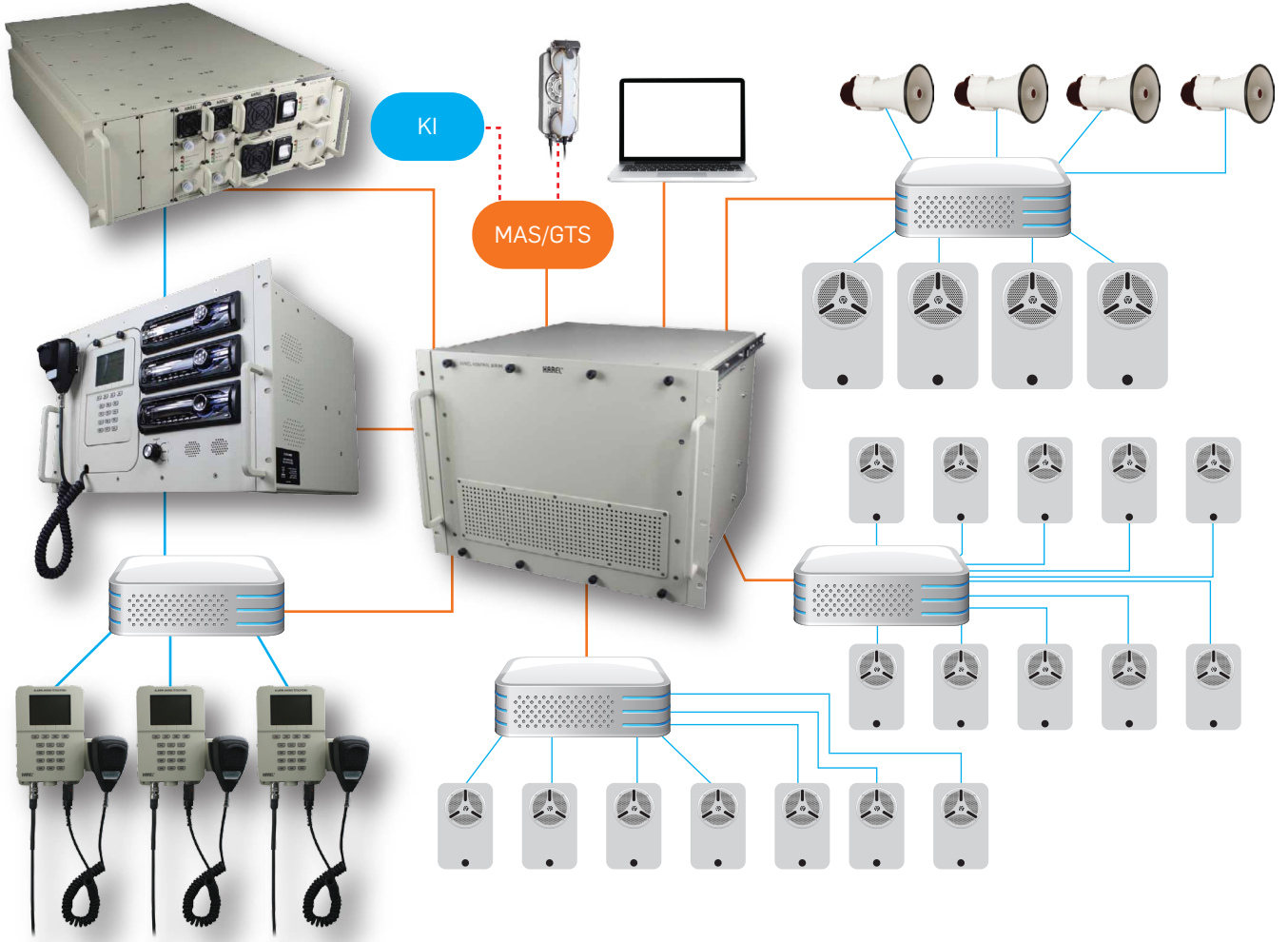
- General Control Panel - APD101
- Music Control Unit - ASD101
- Alarm Announce station - AAD101
- Speakers with various types - AHD101
- Distribution boxes - ADD101

AD101 system contains unique variations:

- From user screens of the alarm announce stations, alarms and announcements can be given easily through the use of user screens and buttons.
- Software interfaces of the alarm announce stations can be managed through the central general control unit. This feature enables integrating new functions to the system easily.
- Speakers are controlled are made from the central unit. Amplifier units are managed through general control unit.
- Speakers can be muted from the central unit. As a result, interferences originated from the announce location can be eliminated. Also short circuit issues are eliminated.
- Management of the radio stations for music broadcasting, through a separate unit and implemented with software means.

- The system is designed for making installation and maintenance conveniently. With its modular structure, the defective units can be replaced easily without disturbing the system integrity.
- The system conforms the military standards MIL-STD 461E and MIL-STD-810F.
- Military-class connectors are used in the system for precaution against corrosion, vibration and other distortions.
- Whole system is powered from a single power supply. Power supply is filtered for the purpose of preventing interference.
- All system can be configured through the management software.
- The System can communicate with the Communication Control System (MKS) through MODBUS interface.





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