

Auto-Exchanger System (MCX-5000)

*Marine PABX (Private Automatic Branch eXchange)
(MCX-5000), 24~128 Extension, 4-trunk, GPS Interface*



- AUTOMATIC TELEPHONE SYSTEM.

The Auto Telephone System is a telephone exchanger with reliability and durability for marine use. Its design is based on the latest micro-computer technology to control the system. The Digital Integrated Communication System is designed to meet nowadays requirements for internal communications and shore communications on board ships.

In particular, trunk lines are available for such external communication devices (Inmarsat-F, VSAT, Mini-M, VSM) and can be interfaced to many different kinds of intercom stations, including IP and network telephones connected using PSTN gateway. The design of system is expandable from 24 extension lines to maximum 128 extension lines, in step of 8 lines. The types of phone for selection include flush mount, wall-mounted, waterproof, portable, explosion-proof and intrinsically safe (presence of explosive gases in the area of operation), and they can be connected with horn/bell/flashing light.

The system is tested according to IEC60945, certified for CE by DNV Registry.

- Electric & Environment

- 1. Power Source : AC110/220V, 1Ø, 50/60 Hz
- 2. Emergency Power : AC or DC 24V (Ripple less than 5%)
- 3. Power Consumption : AC - less than 100VA
DC - less than 4A (at 24V DC)
- 4. Temperature : -20°C ~ +45°C
- 5. Humidity : less than 90%
- 6. Certification : Submitted

- Capacity & function of the System

- 1) Extension 40 + Trunk 4 ~ Extension 128 + Trunk 4
- 2) Simultaneous Call: number of lines
- 3) Paging call: 3-Groups to PA system
- 4) Priority call
- 5) Group call
- 6) Call pickup function
- 7) Wake-up call
- 8) Call transfer
- 9) Call forwarding
- 10) Camp-on
- 11) Hot line
- 12) Add-on conference: 5 Party, 6 Group
- 13) Self ring testing
- 14) System fails alarm & display
- 15) Handset hook fail alarm
- 16) Handset hook fail display
- 17) Main/emergency power automatic change & alarm display
- 18) Method for programming at front of main PABX cabinet
- 19) ISDN Connection using gateway (Option)
- 20) VoIP using gateway (Option)
- 21) Call accounting by serial printer (Option)
- 22) EPROM back-up memory (Option)
- 23) Recording and playback for PAGA paging (Option)
- 24) Time synchronization between master clock or GPS system
- 25) Interface among VSAT and LAN/WAN network using IP gateway (Option)
- 26) Program password protection
- 27) Variety application



Desk / Flush Phone

Wall Type Phone

Ex Type Phone

PABX Main Cabinet

ISO 9001 & OHSAS 18001 Certified, for more information, visit www.mrckorea.com

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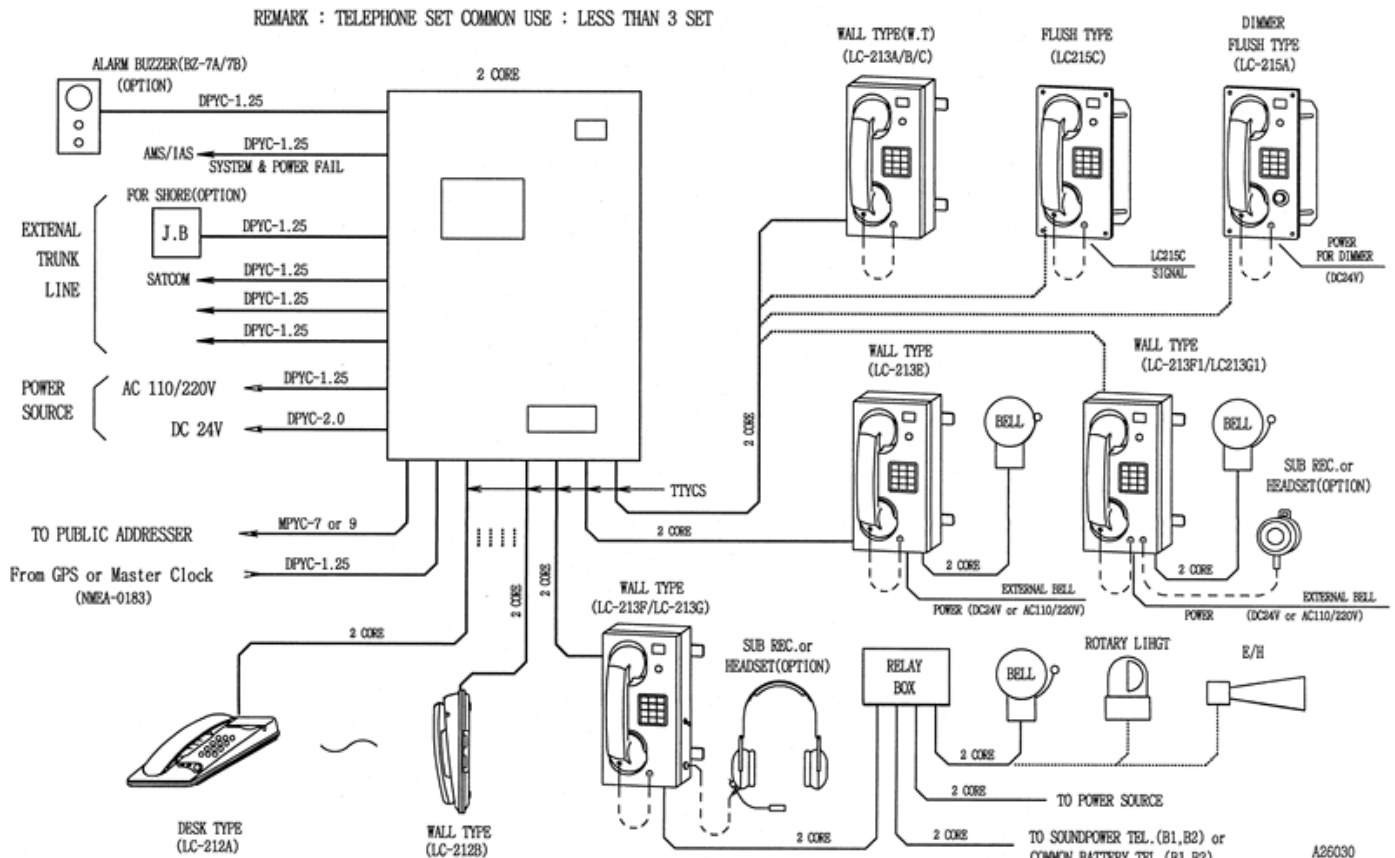
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- Integrated Communication System

- 1. PABX system : Analog, IP, Wifi Phone using gateway
- 2. PAGA system : Single or duplicated applications

- 3. Communal aerial system : IP-TV, CCTV, TVRO, DVD & etc
- 4. Master clock system : Slave clock interfaced with GPS



Auto Exchanger System (PABX)

Agent of MRC

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ISO 9001 & OHSAS 18001 Certified, for more information, visit www.mrckorea.com

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