Auto-Exchanger System

IP Based PABX (Private Automatic Branch eXchange) (Office7400), analog, digital, IP, mobile, PC and servers

- 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 500 extension lines and more, in step of 8 or 16 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 and pending certificate for CE by DNV Registry.

Desk / Flush Phone

Ex wall Phone

IP / Wifi Phone

PABX Main Cabinet

- 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 1000VA
                       DC - less than 45A (at 24V DC)
-4. Temperature   : -20℃ ~ +45℃
-5. Humidity   : less than 90%
-6. Certification   : Submitted

- Capacity & function of the System

1) Extension 64 + Trunk 4 ~ Extension 500 + Trunk 16, more
2) E1/T1/PRI/Optic: up to 2-cards (60-ch)
3) Voip/Wifi/AP phone and soft phone (options)
4) Simultaneous Call: number of lines
5) Paging call: 3-Groups to PA system
6) Priority call
7) Group call and call pickup group
8) Wake-up call
9) Call transfer
10) Call forwarding
11) Camp-on
12) Hot line
13) Add-on conference: 5 Party, 6 Group
14) Self ring testing
15) System fails alarm & display
16) Handset hook fail alarm
17) Handset hook fail display
18) Main/emergency power automatic change & alarm display
19) Method for programming: key-phone, computer
20) ISDN Connection (Option)
21) VoIP (Option)
22) Call accounting (Option)
23) Remote access via network and internet (Option)
24) Flash, S-RAM, PC triple back-up memory
25) Local and network printer service
26) Recording and playback for PAGA paging (Option)
27) Time synchronization between master clock or GPS system
28) Interface among VSAT and LAN/WAN network
29) Voice mail server and ARS service
30) Standard QSIG service among PABX systems
31) Program password protection
32) Variety application

ISO 9001 & OHSAS 18001 Certified, for more information, visit www.mrckorea.com.
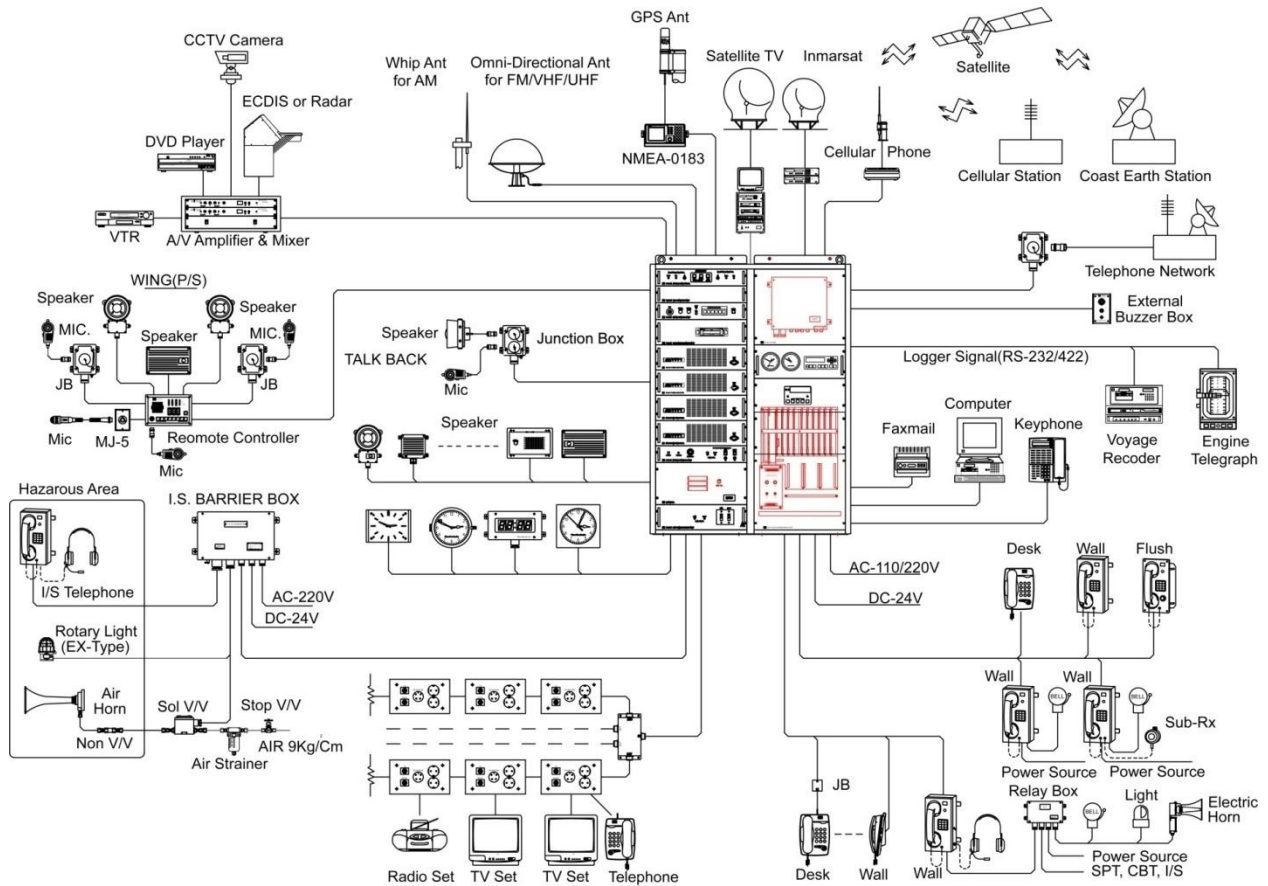
Auto-Exchanger System (Office7400)

IP Based PABX (Private Automatic Branch eXchange)
(Office7400), analog, digital, IP, mobile, PC and servers

- Integrated Communication System

-1. PABX system	: Analog, Digital, IP, Wifi Phone	-3. Communal aerial system	: IP-TV, CCTV, TVRO, DVD & etc
-2. PAGA system	: Single or duplicated applications	-4. Master clock system	: Slave clock interfaced with GPS

Integrated Communication System (PABX/PAGA/CAS/Clock)

Agent of MRC

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