

microSwitch Digital Telephone Exchange

The microSwitch Digital Telephone Exchange is specially designed for use on-board ships giving both internal and external communications. The system is fully digital, but uses readily available analogue DTMF telephones, giving maximum flexibility in operation at low cost. The system has a maximum capacity of 40 extensions. The advanced trunk line functions gives access via shore-lines, satcoms and cellular systems. The system uses a separate dual power supply giving automatic changeover with no-break operation. Normal telephone functions are available including priority intrusion, controlled trunk access, hot-line, group hunting etc. with all functions fully user programmable. Designed for bulkhead mounting with a built-in screw terminal MDF, the microSwitch Digital exchange is ideal for both new-build and retrofit markets.

Key features

- DTMF or pulse phones
- Shore line access
- Satcom access
- Direct dial in/dial out
- Public Address access
- Priority intrusion
- CLI caller indication
- P.C. programmable
- Voice prompting*
- Bulkhead mounting
- Dual power supply

*Future feature

Technical features

Number of extensions	8 – 40 pulse or tone
Number of tie lines	4 (two wire 600 ohms)
Number of P.A. interfaces	2 (four wire)
Number of speech paths	non-blocking system
Norske Veritas Approval	Pending
Height	320 mm
Depth	150 mm
Width	390 mm
Weight	4 kg max
Power Supply	90 – 260 volts a.c. 50/60Hz 24 volts d.c. +/- 20% 2 kgs



- Designed specifically for the marine market
- Internal/external communications
- Dual power supply
- Use standard telephones
- Modular construction

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