Marinex Digital Telephone Exchange

The Marinex Digital Telephone Exchange is designed for use on board ships for both internal and external communications. With a capacity of up to 8,000 ports using a compact modular, multi-nodal format, the Marinex Digital Exchange provides all the normal telephone functions expected on a sophisticated 'top of the range' system. The equipment is modular in design using a 6U (160 port) basic module building to a 12U (320 port) node which can then communicate with other nodes via fibre optic/copper links. The system is self-contained with an integral MDF or can be rack mounted.
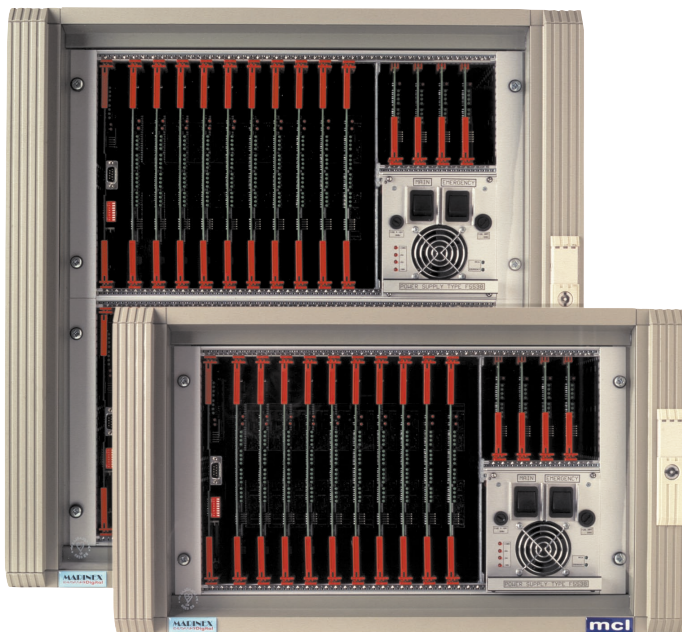
Key features

- DTMF/pulse analogue phones
- MCL digital telephones *
- Priority access
- Shore/Satcom/cellular access
- Public Address access
- P.C. programmable
- Caller Line Indication
- Voice prompting
- Bulkhead mountable
- Integral Distribution Frame
    * Future feature

Technical features

Number of ports per node	16 – 320 Extns./24 – 48 Tielines
Number of nodes	up to 25
Number of speech paths	non-blocking per node
Type Approval	pending
Height 6U/12U cases	345/611 mm
Depth	615 mm
Width	600 mm
Weight max 6U/12U case	50/80 kgs approx
Power Supply	90 – 264 volts a.c.
	24 VDC +/– 20%

- **Designed specifically for the marine market**
- **320 internal/48 external ports per 12U node**
- **Non-blocking system**
- **Modular Construction**
- **Wide ranging a.c. and 24 volt d.c. supplies**
- **Fibre optic links between nodes**

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