AUTOROUTER

INTELLIGENT AUTOROUTING DEVICE

The OPTOCORE AutoRouter is an intelligent auto patchbay that creates star layout out of a loop topology.

OVERVIEW

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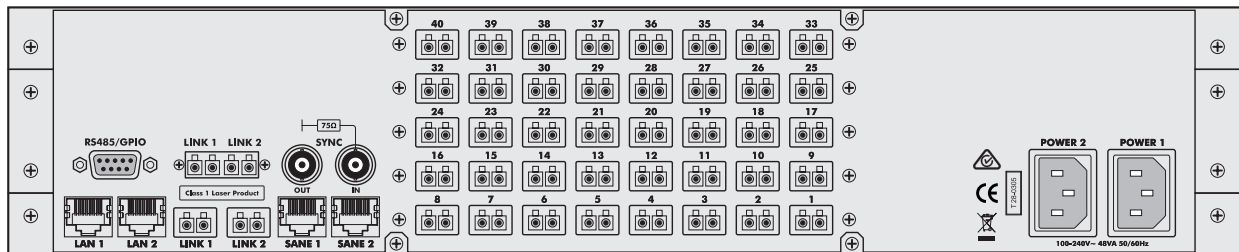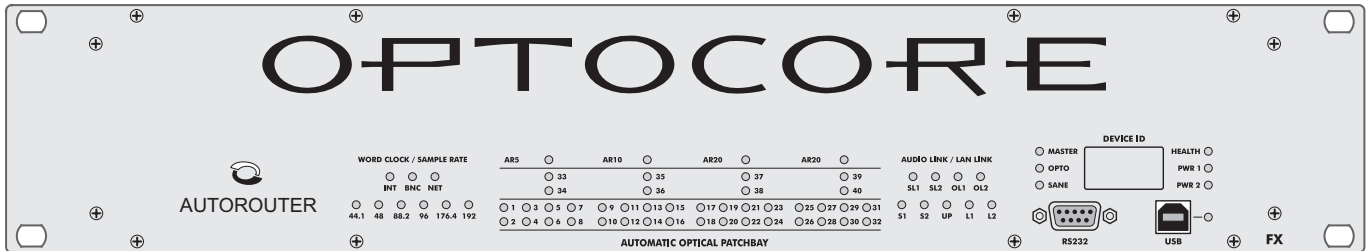that creates a star layout out of a loop topology.

The AutoRouter is compatible with OPTOCORE, BroaMan, ProGrid and DiGiCo
fiber systems as well as with AVB, AVID S6L and Yamaha TWINLANe.

It can be used in the installation and live sound market, where mixed ring /
star or star topology is more desirable due to a star-based fiber cable layout.

OPTOCORE AutoRouter is a plug-and-play solution that is ready to be used
straight from the box. It does not require any initial setup or configuration.
It contains pre-programmed special firmware stored in the device. The
firmware is not related to any externally connected devices or their firmware.
AutoRouter does not influence the connected protocol; the sample rate of
AutoRouter is irrelevant to the sample rate of the connected system.

OPTOCORE AutoRouter automatically discovers mobile devices and
adds them to the optical loop. When a mobile device is disconnected
or powered down, AutoRouter automatically closes the loop with
the remaining devices. It always discovers and switches the links
automatically to maintain redundancy, without any user action –
there is no need to control or change fibre patching by the user.

SCHEMATICS

FEATURES

- Multimode, singlemode or mixed fiber transport

- Supports standalone Optocore, DiGiCo Opto links or ProGrid by Clear-Com

- Supports AVID AVB and Yamaha TwinLANe

- No software configuration needed

- PLUG-AND-PLAY

- Dual power supply with automatic switchover

- Comprehensive status control via LED banks on the front

- Software monitoring

- 2nd PSU

TECHNICAL SPECIFICATIONS

SFP Ports	**MSA compliant** Data rate up to 2 Gbps
No. of slots*	**Dependent on ordered version** 5, 10, 15, 20
No. of SFP ports	**Dependent on ordered version** 10, 20 30 40
SFP	**Dependent on ordered version** 2G multimode; 1G or 2G singlemode
Port data rate	**Up to 4 Gbps**
Optical connection	**Complies with 21 CFR 1040.10 and 1040.11**
Power Supply	**2 independent power supplies with function check and automatic switch-over** Type: Switch-mode, universal input Mains voltage: 100 - 240 V Frequency: 50 - 60 Hz
Dimensions (WxHxD)	2 RU / 19": 483 x 88 x 200 mm 19.2 x 3.46 x 7.87 inches
Weight	Dependent on configuration

* one slot equals two SFP ports with odd and even number