

PRESS RELEASE



OPTOCORE

January 2018

For Immediate Release

Thomas Road Baptist Church Installs first BroaMan Autorouter in North America

Optocore has been providing professional digital transport systems for high channel counts of audio, video and data for more the 25 years. The Digico SD series of consoles have been using the Optocore fibre network as their digital fibre transport system since their release because of the redundant and reliable performance of the network.

The Optocore platform is easily programmed and connected using redundant fibre connections and allows for near instantaneous transmission of audio, control and data without any loss or electrical interference. This makes Optocore enabled consoles an appealing choice for audio technicians that need to transport a large amount of audio, maintain great quality audio and not worry about IT integration or IP addresses.

An additional benefit to using the Optocore fibre network with SD consoles is the ability of using any Optocore R-Series device on the same network with full control of routing, gain and phantom power from the console surface. Thomas Road Baptist Church in Lynchburg, VA, took advantage of this feature when they recently upgraded the worship facility to include an Optocore DD4MR-FX network MADI device and the first BroaMan Route66 Autorouter (technology powered by Optocore) installed in North America.

The Route66 router is a customizable unit that allows for any combination of fibre signals — whether audio, video or data — to be transported to and from multiple points. When configured for an Optocore network the unit automatically detects the presence of data on its fibre ports and creates redundant routing between all active locations. As locations are disconnected the Autorouter closes those ports and reestablishes a redundant network with the remaining data streams. Any Optocore unit or Digico SD series piece of equipment and be connected to the Autorouter for instant integration into the fibre network. The Autorouter can be populated to accommodate up to 20 potential locations for patch points where equipment can be connected.

BroaMan Route66's have been used on numerous live events and in the Production/Touring markets on shows that required a high degree of redundancy and flexibility; Thomas Road's services are no different. There are multiple connection points throughout the space where consoles and equipment are constantly moved around depending on the service they are hosting on any given day, demanding a robust device that is easy to operate. Possible connection points include two Front of House positions, Monitors, the equipment room and a Broadcast location with a DD4MR-FX. Any console, rack or piece of Optocore equipment could potentially be connected at any location without any reprogramming required to the network.

As the various patch points come online the Route66 senses the newly attached units and connects them to the other locations so the system never loses redundancy. This happens automatically, no cueing of presets is required and no technician is required to manually re-patch any physical connections thus eliminating user error and the possibility of fibre connectors getting damaged or dirty. Using the Autorouter ensures that every channel in the network is always available at every location.

The same operators of Thomas Road Church have another production facility in the nearby Liberty University which utilizes a passive fibre patch bay. As they were planning for the upgrade Audio Systems Architect, Mike Geringer wanted to implement a system that was easier to use and more technical to match the renovations that were happening to the rest of the audio system.

“With the passive system there’s a lot of thought that has to go into re-patching the system — remembering which locations we’re using and what connections those are,” says Mike. “The reason for choosing the Autorouter was to simplify the day-to-day operation of the venue. We had looked into using a loopback system to connect every location at the same time but with the Autorouter we don’t have to disconnect cables if we aren’t using that location. If we aren’t using Monitors then we can just leave that console off. It also means that our part-time volunteers don’t need to worry that the consoles are plugged in correctly or how to use a patch bay.”

A large component of the Church’s service is its broadcasts. They’ve been recording their services since its founding in 1956, when they would air on local and national TV channels. Now an Optocore DD4MR-FX is used to feed MADI to an AVID S6L and Pro-Tools recording equipment straight from the SD Racks and a Dante network. The DD4MR can support 128 MADI I/O at 48 kHz sample rate networks which gives them lots of I/O for their needs.

“The flexibility and the easy of use of the system is amazing,” Geringer comments. “The sound quality and warmth that we get now because of fibre is leaps and bounds above what we had before when we were using an analog distribution system. We have lots of plans moving forward on how to expand to accommodate guest musicians and how to interface with our other campuses, and the new optical network means we aren’t limited by channel counts or cabling.”

For further information about Optocore visit www.optocore.com and for BroaMan visit www.broaman.com

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Pics attached

About Optocore

Based in Munich, Germany, OPTOCORE is the world market leading provider of high bandwidth, low latency, resilient, scalable and flexible fibre optic based networks for the transmission of audio, video and data. For 20 years, Optocore has been continuously innovating and setting new standards with regards to digital network technology. OPTOCORE builds and develops synchronous optical fibre and CAT5 based network solutions for broadcast professionals — for

fixed installations and live event applications. Utilising leading-edge technology and high-quality components Optocore guarantees durability and therefore long-term market and customer satisfaction. Due to the open system architecture, Optocore's platform offers other manufacturers the option to transfer conventional standard audio, video and data formats used in the pro audio industry, via an Optocore network. Technical expertise, QoS and an extensive support structure are guaranteed to all customers, together with the highest level of quality.

About BroaMan

BroaMan (Broadcast Manufactur GmbH) is the company behind high quality products made in Germany, that are aimed at broadcasters as well as production companies, sport facilities, professional AV integrators and many more applications. The company offers customised solutions as well as standard devices for every application that requires SD/HD/3G video transport or routing – whether a big and complex system for broadcast studio or OB Van, or a simple point to point for a small church, conference hall, etc. With DiViNe (Digital Video Network) all open standards can be integrated — digital video, audio and data — on the same fibre infrastructure. One of the main differentiators from other companies providing video over fibre solutions is the approach. BroaMan's customers can order a video system on demand, which is unique, and requires a different level of complexity and features, and yet it still has the best price ratio on the market. These BroaMan systems are tailored to match the customer's exact needs. Besides tailor made systems, BroaMan offers Standard Devices, which includes the Mux22 BNC Intercom. For the complete list of Standard Devices see:

<http://www.broadcastmanufactur.com/index.php/news-events/news/198-faster-delivery-time>

BroaMan has over 25 years of experience in creating fiber infrastructures and has provided many products for use in the portfolios of well establish companies such as ClearCom, DiGiCo, RTS and many more.