

Canare's Demo Car Underscores 12G-SDI Solutions

Canare Electric Co. Ltd. exhibits at National Association of Broadcasters (NAB) Show 2019 a newly developed demo car installed with the latest 12G-SDI solutions. The demo car carries the concept of a mobile showroom and aims to introduce products to a wide range of customers in the United States.

Canare acknowledges many customers can understand the merits of products by seeing and touching them first hand. Traditional sales pitch approach by salespeople has limitations and having a mobile car demo enables many customers to fully examine the products of the company.

Canare's demo car features the company's latest 12G-SDI solutions include coaxial cables, BNC connectors, video patchbays, optical converter, and SMPTE Hybrid Fiber Optic Cable. It is also installed with a 4K camera and a 4K monitor, making the demonstration of actual video transmission possible. By transmitting the signal via the video patch panel or the BNC connector panel, the demonstration becomes closer to the actual use.

Furthermore, the car demo also features a 4K measuring instrument, which allows better understanding of accurate

transmission data possible. In addition, it is also equipped with a portable assembly kit of SMPTE optical camera cables, enabling maintenance, cleaning, and uncomplicated repair work at broadcast sites and customer's premises.

Solutions for Rear Car

The rear side of Canare's mobile showroom car demo integrates most of the company's 12G-SDI solutions. These include the 32MCK-ST 32-ch Video Patchbay equipped with 32 high-performance Dual Video Jacks compatible with 12G-SDI on a panel of 1 RU size; BCJ-JRK and BCJ-JRUK 12G-SDI compatible BNC receptacle connector essential for constructing a system of 12G-SDI signals; and EO12G-100B and OE12G-101B, 12G-SDI optical converters, which are compatible also with the pathological test pattern.

These products are actually wired and connected to measuring instruments, which enables the confirmation of the transmission performance using various products.

In addition to various kinds of cables with different lengths, cable reels are also installed to realize scenarios closer to actual use. For 12G-SDI compatible 75Ω coaxial cables, L-8CUHD for long



Canare highlights a demo car equipped with the latest 12G-SDI products.



Most 12G-SDI solutions are installed in the rear part of the car.



12G-SDI solutions

distance transmission has already been released officially, and for purposes of demonstration at NAB Show 2019, is shown with the existing L-5.5CUHD and L-3.3CUHD to enable booth visitors to compare the transmission performance.

In future product releases, the performance of the product can be directly demonstrated. However, Canare said demonstration of existing cables is possible according to customer's request.

A tool set for coaxial cables for video signals is also installed in the demo car, enabling instruction on the installation of the connector at the customer's premises and also training of the connector installation.

Solutions for Car Center

The center of the car demo is equipped with an SMPTE Hybrid Fiber Optical Cable system. CANARE COP Series made it possible to employ cables from all angles, thanks to its revolutionary structure. This product enhances space efficiency and has become a standard item now in places such as in an outside broadcast (OB) VAN with limited space. Both 3RU size and 2RU size are displayed together with male and female connectors and a Blank Panel. Various layouts that cannot be introduced in the catalog

are also displayed at Canare's NAB Show 2019 booth.

Various types of cables are available for demonstration of the SMPTE Hybrid Fiber Optical Cable system. They include the lightweight FCC**-7N suitable, which can be easily carried, and the FCC**-9T and FCC**-7T, which are tough and flexible and well-established for mobile applications as well as standard products.

In addition, it is equipped with a portable assembly kit for SMPTE Hybrid Fiber Optical Cable. Cleaning and maintenance is easy and connector attachment is also possible at customer's discretion. Application of such systems is no longer confined to factory setting as it is now possible to employ in outdoor environment, earning praises from users.

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Solutions installed in the center of the demo car

