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News Release

Hitachi's HD Digital Triax Base Station & Adapter on display at CABSAT

Hitachi Kokusai Electric will be showcasing its HD Digital Triax Base Station and Adapter at CABSAT MENA 2011 (Stand No: S2-A21).



Hitachi's Digital Triax cable transmission system has been designed to fulfil the needs of the company's worldwide customer base. One of the major reasons the HD Digital Triax system has been created is to utilise existing triax cables installed in studios and stadiums. Thanks to Hitachi's extensive knowledge and creative engineering, no other HDTV triax cable transmission system can match it in terms of built-in features.

Another reason for customers choosing the Hitachi system is where a traditional triax system is already in use, substantial savings in the cabling infrastructure can be made by employing Hitachi HDTV Digital Triax cameras. Patented by Hitachi, the HD Digital Triax System consists of the lightweight CX-HD1000 camera head triax adaptor and the corresponding TU-HD1000 camera control unit.

The digital triax system delivers a high-quality video signal, audio signal, and control signal, thanks to its digitally multiplexed triax cable. Utilising an on board high-performance down converter, the system processes SD video signals along with HD, which enables DTL correction to be adjusted independently. And to cater to a variety of broadcasters' needs, the SD aspect ratio is switchable between 16:9 and 4:3. For SD VBS output, a digital comb filter is available to reduce cross colour noise.

Thanks to the Hitachi digital triax system's up converter, the SD return video signal can be expanded to an HD signal for the viewfinder. The system also has a built-in cross converter which supports both 1080i and 720p video on HD-SDI input/output. For the audio part of the system, two channels of MIC audio can be embedded in HD-SDI/SD-SDI output.

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