

7 Eylül 2009

## IBC 2009 Fuarı

11-15 Eylül 2009, RAI Exhibition Center, Amsterdam / Hollanda

IBC 2009 fuarında firmalarımızdan **BELDEN, PROMAX, LEADER, DEKTEC, BLANKOM, ADIVIC**'in standları bulunacak. Aşağıda size her firmanın hazırladığı, orijinal ingilizce fuar tanıtım metinlerini sunuyoruz. Önceden randevu almak istediğiniz taktirde bizi arayınız.



## BELDEN

*At IBC, held from September 11-15, 2009 at the RAI Exhibition Center in Amsterdam, Belden will showcase a range of new and existing products in Hall 1 at Stand C21.*

Belden is set to focus on the cable developments for HD which offer extended broadcast quality. Visitors will be able to see the results of Belden's work to upgrade and improve cables for both studio and field use, as well as cables for use in permanent installations. Belden cables deliver Installable Performance™ promising to deliver unequalled performance after installation thanks to the high-density nitrogen-gas-injected foam dielectric and use of both small and closed-cell bubbles.

New developments and products which will be shown include the new hybrid fiber SMPTE311 HD camera assembly and HDMI cables for HD audio and video.

### **Hybrid fiber SMPTE311 HD camera assembly**

Belden offers one of the best-known SMPTE311 cables in the world and global standard SMPTE304M connectors, and has created a cost-effective SMPTE311 HD Camera Assembly that supports 720p, 1080i and 1080p.

The new Belden hybrid fiber SMPTE311 HD Camera Assembly was designed specifically for high definition (HD) fibered broadcast cameras and is ideal for Studio and Field Camera Applications, requiring multiplex audio and video signals and power. Adding range to reliability, these new Belden HD Camera Assemblies enable transmission distances of up to 4.000 meters.

### **HDMI cables for HD audio and video**

Belden now offers a complete line of HDMI cables and related products for use by the home theater installer, including 26 AWG shielded twisted pair HDMI cables in lengths of 1, 2, 3, 4, and 7 meters.

Belden HDMI digital video/audio cables can be used to connect HDMI sources like broadband/cable set-top boxes, digital video recorders, DVD players, HD-DVD and Blu-ray players to displays like plasma screens, digital light projection (DLP) projectors,

liquid-crystal displays (LCDs) and liquid crystal on silicon (LCOS) or digital image light amplification (D-ILA) devices, among others.

### **Tactical Fiber cable**

This has been significantly upgraded and improved by Belden for broadcast quality. It is primarily used for long haul high definition (HD) transmissions from mobile trucks. The new ITU G.657 standard fiber has full compatibility with G.652.D fibers with low bending loss to enable smaller fiber management (< 0,5dB/km at 1625nm and < 0,2dB/km at 1550nm). It has a Core-Bonded™ outer jacket and is also available in 2-12 fibers (GMTT8xx)CatSnake™ Four-channel, Heavy-duty Cat5e Snake.

This is an ideal solution for applications that require multiple or redundant channels of Cat5e cables in remote production or staging applications.

### **Heat-resistant Hybrid Fiber Cable for HDTV Cameras**

This is available as mobile cable for use in the studio or in the field and also as static cable for use in permanent installations. All three versions have flexible black jackets in either halogen-free, PUR or PVC and all feature heat-resistant PE insulation. The range is available with a special put-up for easy connectorization on the drum.

### **Expanded line of FRNC speaker cables**

All these unshielded speaker cables are halogen-free but still flexible. The Brilliance® line consists of 1.5mm<sup>2</sup>, 2.5mm<sup>2</sup> and 4.0mm<sup>2</sup> constructions.

Single pair products available are 46382NH: 1.5 mm<sup>2</sup> (16 AWG), 30 strand, 2 conductor; 46381NH: 2.5 mm<sup>2</sup> (13 AWG), 50 strand, 2 conductor; 46380NH: 4.0 mm<sup>2</sup> (11 AWG), 56 strand, 2 conductor. Speaker snake products are 46379NH: 2.5 mm<sup>2</sup> (13 AWG), 50 strand, 4 conductor; 43907NH: 2.5 mm<sup>2</sup> (13 AWG), 300 strand, 8 conductor.

### **Expanded line of FRNC OFHC premium construction speaker cables**

These cables are halogen-free but still flexible and have low capacitance. They are made with oxygen-free copper for exceptional clarity of sound. Print legends, such as Room 123 or Zone ABC, facilitate location identification. Single pair products available are 70003E2: 2.5 mm<sup>2</sup> (13 AWG), 651 strand, 2 conductor and 70004E2: 4.0 mm<sup>2</sup> (11 AWG), 651 strand, 2 conductor. Speaker snake products are 70003E4: 2.5 mm<sup>2</sup> (13 AWG), 651 strand, 4 conductor and 70003E8: 2.5 mm<sup>2</sup> (13 AWG), 1040 strand, 8 conductor.

### **CATV Multicore Cable for Multi Switch Systems**

Belden has extended their highly popular CATV range with an easy-to-install bundle of H121A. This has the very common European video coaxial dimension of 0.8/3.5. The new cable provides optimum signal transmission performance for MATV/SMATV in 3x0.8/3.5, 5x0.8/3.5 and 9x0.8/3.5 versions.

### **NanoSkew™ Brilliance® VideoTwist™ in S/FTP design**

Belden's new shielded design of the well-known NanoSkew™ is now available for Digital Signage applications.

### **CA00270 Brilliance Assemblies™ SMPTE 311M HDTV**

With the increase in high definition video applications, such as 1080i/p and 720p, bandwidth demands on camera cables has grown significantly. To meet this, Belden now

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offers the new generation, heat resistant 7804E range. This consists of dual single-mode fiber optic cables and copper components for power and data. It uses a special connector made by Lemo 3K.93C or ADC ProAx™ or Neutrik™s Opticalcon®.

### **Halogen-free**

Halogen-free cable developments were another important attraction for visitors who recognize that Belden is a well-established leader in this particular field:

### **Halogen-free VideoFlex® Snake Cable**

This highly popular cable has been extended with an easy-to-install bundle of 1855ENH. It has the very common European video coaxial dimension of 0.6/2.8 and is now available in 3x0.6/2.8 (1855EN3), 5x0.6/2.8 (1855EN5) and 6x0.6/2.8 (1855EN6).

### **Halogen-free Mini High Resolution S-Video Cable (1855AN2)**

This is the ideal cable for residential installations, such as home theatre and musical applications using BNC connectors.

### **Halogen-free 179DT**

Belden now offers a halogen-free version of the popular Brilliance DigitTruck 179DT lightweight RG-179 type 75-ohm coaxial cable. This is designed to help lighten truck load which in turn reduces fuel consumption. It takes up less space and improves air-conditioning flow.

Other cable developments include 1347A – a 2V4A ENG cable, carrying 2x 1505A plus 4x 9451 for Digital Camera applications, and 1694S5 – a 1694A 5 pack banana peel HD video snake swept to 4.5 GHz.

## LEADER

# LEADER

During IBC 2009 Leader Electronics will be showcasing a number of new products and solutions to satisfy your professional A/V test needs with efficiency improvement and cost reduction in mind. Come and see us at IBC 2009, Booth # 10.28F where you can find the latest innovations in pro-video test and measurement with features all of your engineers and operators can understand at a price you can really afford!

Here's what you can expect to see at IBC from LEADER :

### Rasterizers

- LV7800 Flexible modular type multi-format rasterizer accepts the same option cards as the popular LV5800 **NEW!**
- LV7330 Low cost multi SDI format rasterizer includes our new "visual features" allowing both engineers and operators to easily use the instrument. **NEW!**
- Sample only. Dual Link low cost multi-SDI rasterizer **NEW!**

### Test & Measurement Monitors

- LV5800 Flexible/modular multi-format monitor; our most flexible product to date!
- LV5330 Low cost, portable multi-SDI monitor; ideal for on-camera applications yet still rack-mountable! **NEW!**
- LV5380 8inch Dual Link low cost multi-SDI monitor; the best value in the market for Dual Link applications! **NEW!**

### Module for LV5800 and LV7800

LV58SER06 3G-SDI Input Module with 3G generator **NEW!**

### Generator

LT443D Flexible modular type multi format pattern generator

LT4400 Low cost multi format pattern generator

### New Measurement Methods/Visualize Your Work

- 5BAR : Easy Gamut Error Monitoring
- CineLite : On-Picture Level Measurements Help Utilize The Full Dynamic Range
- CineZone : False-Colors On-Picture Representation Of Luminance; The Quickest Way To Accurately Access Exposure Levels.
- CineSearch : Easy Level Search Provides On-Picture Marker Of Selected Level **New!**

Products information at:

[http://www.leader-eu.com/FILES/Literature\\_IBC2009.pdf](http://www.leader-eu.com/FILES/Literature_IBC2009.pdf)

Our web IBC information can be found at :

[http://www.leader.co.jp/english/exhibition/2009exhibition\\_expo\\_ibc.html](http://www.leader.co.jp/english/exhibition/2009exhibition_expo_ibc.html)

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## PROMAX

Stand 8.A31

These are the products that we will focus on during this edition of the show:

- \* **[TV EXPLORER HD](#)** - Unique range of TV, SAT and CATV portable signal level meters and spectrum analysers, now available with MPEG-2 and MPEG-4 video demodulation for SDTV and HDTV formats.
- \* **[DIGITAL TO TV](#)** - A distribution system that can deliver TV programmes coming from different sources in the form of digital terrestrial broadcast DTT. With the upcoming analogue switch off, this PROMAX system serves the needs for 'digitalization' of existing TV distribution networks.
- \* **[MO-180](#)** - DVB-T and DVB-H COFDM modulators now including SFN compatibility as well as high power options.
- \* **[TG-140](#)** - Transport stream recorder and player.
- \* **[PROWATCH DEIDE](#)** - Monitoring system now with video streaming capabilities.

We look forward to meet you there.



## DEKTEC

DekTec is a leading manufacturer of digital video interface adapters and associated software for the professional test & measurement and broadcast infrastructure markets.

The highlight of this year is the DTU-215 USB Modulator, a multi-standard VHF/UHF modulator with exceptional high-quality output signal. All popular standards including the new DVB-T2 and DVB-C2 standards are supported. Connect it to your notebook and run; No power-supply required!

### **DekTec at the forefront of DVB-T2 developments**

In the ever continuing quest for more data bandwidth, DVB-T2 is the next major step forwards for digital terrestrial TV. Compared it forerunner DVB-T, this new standard almost doubles the useful maximum bitrate one can squeeze out of an 8MHz channel. This improved data bandwidth makes DVB-T2 very interesting, and many companies are experimenting, performing field tests, and developing modulators/demodulators products for it as we speak.

One of the companies at the forefront of the DVB-T2 developments is DekTec. As a company that has its roots in the Test & Measurement domain, DekTec is introducing a complete DVB-T2 test tool set on this year's IBC. This tool set includes the following products:

- A DVB-T2 modulation upgrade for DekTec's highly popular DTA-115 Multi-standard Modulator PCI card and new USB based modulator, the DTU-215. With this upgrade you can turn your DTA-115 or DTU-215 into a fully blown DVB-T2 modulator, supporting single PLP, MISO, rotated constellation, and much more.
- DTA-2135-T2, the world's first commercially available DVB-T2 test receiver. This product is a bundle of the DTA-2135 (Dual DVB-T Receiver for PCI Express Bus) and the T2Xpert software. The T2Xpert application is a real-time DVB-T2 demodulation software that adds DVB-T2 support to the DTA-2135. It supports single- and multi-PLP streams and can output the demodulated transport-stream on UDP. Furthermore gathers statistics about the number of LDPC iteration required to correct all errors and shows general and PLP specific DVB-T2 modulation parameters including FFT, PAPR, MISO, Cell ID, code rate , FEC, rotated constellation, modulation and much more;
- T2IQ Sample Generator, an offline DVB-T2 IQ sample generator that can be used to generate a file with the IQ samples for a DVB-T2 signal. The T2IQ application supports generation of both single- and multi-PLP streams and the files it generates can be played with the DTA-115 modulator or a 3rd party modulator;
- T2MI Multiplexer, an offline T2MI file generator which like the T2IQ application supports generation of both single- and multi-PLP files.

With these tools one can generate, receive and analyse DVB-T2 signals, so one could say that these tools include everything needed for being able to test and build DVB-T2 products.

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## PRODUCT LINES

Power over Ethernet Modules:

- DVB-ASI and SDI networked I/O
- Quad QAM modulator

Modulators

- Complete modulators on a short PCI card
- Integrated upconversion to UHF/VHF/L-band
- ATSC, CMMB, DTMB, DVB-C(2), DVB-H, DVB-S(2), DVB-T(2), ISDB-T, QAM-B

Transport-Stream interfaces

- ASI, IP, SDI, SPI interfaces
- DVB-S2, DVB-T2 receivers
- PCI, PCI Express, PC-104+, USB-2

USB-2 adapters

- Award-winning FantASI ASI/SDI adapters
- Measurement receivers for DVB-T, QAM-B, VSB.

## APPLICATION SOFTWARE

Applications operate with all DekTec input and output adapters

- MuxXpert - real-time remultiplexer
- SdEye - SDI analysis
- StreamXpert - in-depth Transport-Stream analysis
- StreamXpress - industry-standard player
- Xpect - 24/7 monitoring with template matching.

## About DekTec Digital Video

DekTec's mission is to provide digital-TV professionals with innovative, best-in-class hardware and software components based on the cost-effective power of commercially-available PC hardware. It offers a range of attractively priced PCI, PCI Express, USB-2 and IP adapters that provide core input-, output- and processing functions for digital-video signals. This hardware is complemented by PC-based software applications ranging from streaming, recording and analysis software to a sophisticated real-time software multiplexer. The company is headquartered in The Netherlands, and has 34 representatives globally covering 52 countries.

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## BLANKOM

The introduction of digital TV is the future way of video delivery and a challenge as well as a great opportunity for any broadband operator creating future oriented video delivery architectures.

At IBC 2009 BLANKOM Antennentechnik GmbH is presenting latest products and solutions for analog and digital signal processing. We are inviting you to visit us at IBC 2009 in Amsterdam/Netherlands, 11 - 15 september 2009. At BLANKOM booth F51, Hall 1 you will find latest digital technologies with focus on digital headend systems for any broadband, Video over IP and IPTV application.

Come and see our turnkey headends ready for the digital era and experience innovative products, customer oriented service and the atmosphere of the BLANKOM Family.

### HIGHLIGHTS @ IBC 2009

- **multi.tv - more than just IPTV**
- **IP applications - IPTV for broadband applications**
- **Multiplexing/Scrambling - Revenue Generating video delivery**
- **MPEG Radio "High Density" - Powerful FM radio headend system**
- **COFDM Solution - Professional solutions for DVB-T/COFDM signal processing and delivery**

We look forward to welcoming you at our Stand F51/Hall 1 at IBC 2009 in Amsterdam/Netherlands.

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## ADIVIC

ADIVIC will exhibit at the IBC show in Amsterdam, September 12-16. We will be located in Hall 2 Stand number C31 of the RAI Convention Center.

GM Jason Huang ,and Marketing Director Jeremy Yen will attend the show.

- RF Recorder / Player
- MP9100 Integrated Parallel System
  - DTV Tester
  - GPS Generator
  - FM RDS TMC
  - Audio Generator/Analyzer

Website: [www.adivic.com](http://www.adivic.com)