



# JUNE 2011

PO Box 3561 El Paso, TX 79923-3561 [www.kint98.com](http://www.kint98.com)

## NEWS

### BEL DIGITAL AUDIO

## Bel Digital Audio improves visual audio monitoring



Bel's new audio monitor/decoder has 16 individual LED bar graph meters.

Bel Digital Audio is launching a new 2U audio monitor/de-embedder that features 16 individual high-resolution LED bar graph meters. The new unit provides audio monitoring of 3G, HD and SD SDI video signals with loopthrough and additionally offers Dolby E/Digital and Digital Plus decoding in addition to integral loudness metering compliant to ITU-R BS1770.

The Bel BM-A2-E16SHD provides visual monitoring of the de-embedded audio by 16 individual, high-quality, three-color, front panel-mounted bar graphs, whilst audible monitoring is provided by two speakers also mounted on the front panel. A comprehensive range of inputs and outputs are provided as standard. There are two SDI inputs alongside eight AES audio pairs and eight analog inputs. The device provides auto-selection of 3G, HD and SD or SDI bit streams and decodes as appropriate. Switching between inputs is accomplished by use of the simple, front-mounted rotary controls.

All 16 audio channels present on the front panel bar graphs are also available as AES-3 outputs on the rear of the unit, therefore enabling the monitor to de-embed all 16 audio channels from any SDI stream. In addition, a reclocked SDI loopthrough and eight analog outputs (with front panel level control) are provided.

This device is the second in a range of new high-spec products and their variations expected from Bel in the near future. It is instantly recognizable as a Bel device and follows the company's stated principles of innovative yet practical designs that employ a rotary control system on the front panel.

NEWS CONTINUES IN PAGE 2

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Using the rotary control, the user can monitor any channel and can create combinations and groups. The bar graph meters are switchable between all available channels and inputs. Each meter features adjustable color transition points and a peak-hold facility. The ballistics are user assignable and seven standard scales are available to choose from, Nordic, BBC PPM, DIN PPM, VU, VU Ext., AES/EBU. Additionally, loudness metering, a subject of much discussion at present, is catered for by the unit to ITU-R BS1770.

The two monitor speakers on the front panel are switchable between any of the available channels and additional audible monitoring is provided via a head-phone socket also on the front panel. A Dolby decoder is included in the BM-A2-E16SHD as standard. When enabled, it can decode Dolby E, Dolby Digital and Dolby Digital Plus material from any of the AES inputs, or from embedded audio data within the SDI bit streams.

Jun 3, 2011 4:02 PM, By Ned Soseman

**BroadcastEngineering.**

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**EL PASO, TX CHAPTER 38 MEETING MINUTE**  
**DATE 05/10/2011 LOCATION: GRAND CHINA**

**MEETING CALLED TO ORDER: 12:35 PM, BY ANTONIO CASTRO,**  
**THERE WERE 9 MEMBERS IN ATTENDANCE.**

**REPORT OF THE SECRETARY: MINUTES ACCEPTED AS POSTED IN**  
**THE NEWSLETTER BY WARREN REEVES**

**REPORT OF THE TREASURER: CURRENT BALANCE OF \$ 7,405.53, .**  
**ACCEPTED BY NORBERT MILES.**

**REPORT OF THE CERTIFICATION COMMITTEE: DAVID HALPERING**  
**EXPLAINED THE NEW DATES FOR CERTIFICATION**

**REPORT OF THE MEMBERSHIP COMMITTEE: IN THE WAY TO RE-**  
**CRUIT MORE SUSTAINING MEMBERSHIPS.**

**REPORT OF THE FREQUENCY COORDINATOR COMMITTEE: PAUL**  
**GREGG SENT A LETTER TO WARREN REEVES TO INVESTIGATE THE**  
**950 MHZ. LINK FOR KXPL RADIO.**

**REPORT OF THE SCHOLARSHIP COMMITTEE: ONLY ONE APPLICA-**  
**TIONFO THE SCHOLARSHIP . WAITING FOR MORE..**

**REPORT OF THE WEB SITE COMMITTEE : IT WILL INCLUDE SOON**  
**A SECTION FOR COMMENTS**

**REPORT OF THE EAS CHAIRMAN : RON HANEY SENT A DRAFT TO**  
**THE EAS LIASONS FOR REVIEW AND SIGN. CHAPTER WILL PAY FOR**  
**3 MIC'S TO OFFICIALS FOR RECORDING THEIR OWN ALERTS.**

**REPORT OF THE PROGRAM COMMITTEE: A PROGRAM FOR JULY**  
**HAS BEEN BOOKED. LOOKING FOR JUNE PROGRAM**

**UNFINISHED BUSINESS: PAUL TERRY HAS NO REPORT**

**NEW BUSINESS OR ANY ITEMS FOR THE CHAPTER INTEREST: ROSS**  
**DAHMAN REPORTED HIS VIISIT TO NAB**

**NEXT MEETING DATE AND LOCATION: JUNE 14, 2011, LOCATION :**  
**RANCHERS GRILL, NORTH MESA AND REMCON, WESTSIDE @ NOON**

**MEEETING ADJOURNED: 1:00 PM .**

**NOTES FROM THE EDITOR:**

WOW, SBE national sent us a rebate check for the 2010  
program year. It will be shown at the next meeting.

**NOTES FROM THE SECRETARY:**

It WAS sent via regular mail a very friendly remainder to those  
members and sustaining members that had not covered the  
2011 dues. Watch for the mail !! ONLY 5 MEMBERS RE-  
SPONDED !!



# JUNE PROGRAM

We will have another regular meeting, there is no presentation unless something comes at last minute, and if that is the case, it will be announced.

I hope this time we can have a discussion of those EAS issues, please bring them so Mr. Chairman Ron Haney can answer them directly, and this time we elected his favorite restaurant !!!

The invitation is for next week on **Tuesday June 14, 2011** at noon @ **RANCHERS GRILL BUFFET** for lunch

**PLEASE**, plan to attend and get involved in our chapter decisions.

RF Specialties of Texas promised to have a presentation on July the 12, they represent NAUTEL among other equipment.



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