

AUGUST 2013

PO Box 3561

El Paso, TX 79923-3561

www.kint98.com

NEWS

NEUTRIK XIRIUM

Neutrik announces XIRIUM digital wireless audio network

Jul. 26, 2013



<u>Neutrik</u> has undertaken intensive research looking into the subject of wireless audio data transmission.

The vision of a wireless transmission system between two connectors and to transmit audio signals in studio quality has been turned into reality by Neutrik with the help of the innovative DIWA (digital wireless audio) technology and the product XIRIUM, a digital, wireless, audio network. XIRIUM combines digital transmission and receiving lines in one system and delivers the highest sound quality, unique reliability and ease of handling.

Due to the ease of set-up and the automatic frequency management, the search for free frequencies and the selection of channels no longer apply. With XIRIUM, a bidirectional audio network can be built up in which the signal sources and signal receiver can be integrated wirelessly.

A 4-channel basis unit (XIRIUM TRX) together with mobile transmission (XIRIUM TX) and receiving units (XIRIUM RX) give first access to the XIRIUM network. With an extension unit the network can easily be upgraded to a total of 8 channels. Allocation and the selection of input and output channels are flexibly configurable and allow the versatile use of the network.

The professional multichannel wireless network XIRIUM combines digital transmit and receive paths with the utmost sound quality, unique reliability and easy installation and operation. It is based on the future-oriented DIWA (Digital Wireless Audio) technology within the 5GHz frequency band and will allow you to set up audio networks in which sources and receiving units can be integrated wirelessly.

OUR SUSTAINING MEMBERS:

KTSM-TV

KVIA-TV

KRWG-TV

KBNA-AM/FM & KAMA-AM

KHEY-AM/FM, KPRR-FM & KTSM-AM/FM

KLAQ-FM, KISS-FM & KROD-AM

KPAS-FM-ALGIE A. FELDER CSBE

KINT98.COM
INTERNET RADIO NETWORK

BURST COMMUNICATIONS
INC.- THOM JOHNSON

GIESLER BROADCASTING SUPPLY INC.

ENTRAVISION COMMUNICATIONS

SCMS, INC.-

TNT BROADCAST AND TELECOMMUNICATIONS CONTRACTORS, INC. -

KSCE-TV

RF Specialties of Texas Dan Sessler.

KCOS-TV

KELP-AM
ARNOLD McClatchy.

MARSAND, INC.

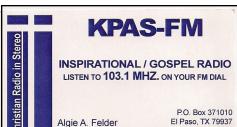
Ho Tah Say. LLC



4K RESOLUTION

From Wikipedia, the free encyclopedia

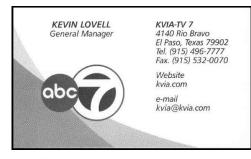
all on the order of 4,000 pixels.



El Paso, TX 79937 915/851-3382









AFCCE SBE-PBE

Matthew A. Sanderford, Jr., P.E. President

tvcowboy@marsand.com PO Box 485 * 6100 IH-35W Alvarado, TX 76009

www.marsand.com Office: 817-783-5566 FAX: 817-783-5577

Several 4K resolutions exist in digital television and digital cinematography. The term 4K refers to the horizontal resolution (instead of the vertical) of these formats, which are

As of June 2013, 4K-compatible televisions are under the \$1000 barrier, however cameras are still professional market priced. with announced commercial film releases and some amateur films done using digital photo cameras.

4K Ultra HD

4K UHD is a resolution of 3840 pixels × 2160 lines (8.3 megapixels, aspect ratio 16:9) and is one of the two resolutions of ultra high definition television, the other being 8K UHD which is 7680 pixels × 4320 lines (33.2 megapixels). Both are aimed at consumer televisions. 4K UHD has twice the horizontal and vertical resolution of the 1080p HDTV format, with four times as many pixels overall. [5] Currently all 4K UHD televisions use a standard 5.1 sound system, with no moves towards 7.1 being publicized.

Digital cinema

The Digital Cinema Initiatives consortium established a standard resolution of 4096 × 2160 (8.8 megapixels, aspect ratio ~17:9) for 4K film projection. This is the native resolution for DCIcompliant 4K digital projectors and monitors; pixels are cropped from the top or sides depending on the aspect ratio of the content being projected. The DCI 4K standard has twice the horizontal and vertical resolution of DCI 2K, with four times as many pixels overall.

4K digital films may be produced, scanned, or stored in a number of other resolutions depending on what storage aspect ratio is used

Streaming video

YouTube allows a maximum upload resolution of 4096 × 3072 (12.6 megapixels, aspect ratio 4:3). Vimeo allows videos of this resolution to be uploaded as well.

SBE CHAPTER 38 OFFICERS

CHAIRMAN Antonio Castro SBE member # 11456. KFOX/COX retired Chief Eng. 800 Arredondo dr. El Paso. TX 79912 915-584-1220 home 915-525-8507 cell farahjac@sbcglobal.net

VISE CHAIRMAN Carlos Sosa SBE member # 26533 801 N Oregon St. El Paso, TX 79902 915-496-4444 Office csosa@ktsm.com

Treasurer Walter Hanthorn SBE member # 18307 KSCE TV 4461 Gen. Maloney El Paso, TX. 79924 915-269-7583 home 915-532-8588 office

Certification Committee: David Halperin.

Membership Committee: TBD TBD

Frequency Coord. Committee: Warren Reeves Owen Smith

Scholarship Committee: Rick Vilardell

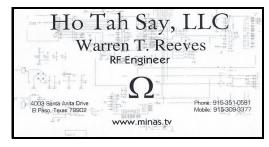
Web Site Committee: Norbert Miles

Sustaining Membership: Antonio **Program Chairman**: Warren Reeves

Newsletter: Antonio Castro

EAS Chairman: David Halpering

Executive Committee: Antonio Castro Carlos Sosa Walter Hanthorn

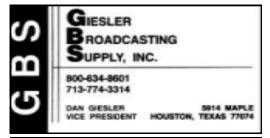








www.krwg.org



S.C.M.S., Inc.

Broadcast Sales & Service
NEW & USED
Buy/Sell/Trade
Rentals - Remotes/Emergencies
10201 Rodney Blvd, Pineville,NC 28134
800/438-6040 Fax 704/889-4540

www.scmsinc.com



Ross Dahman

Direct: 915.225.2499 Support: 915.832.0100 x3

ross.dahman@huntleigh.com

www.huntleigh.com

100 Stanton Tower - Downtown 100 N. Stanton Suite 700 El Paso, TX 79901

EL PASO,TX CHAPTER 38 MEETING MINUTE DATE 7/16/2013 LOCATION: COMO'S REST.

MEETING CALLED TO ORDER: 12:21 PM, BY ANTONIO CASTRO, THERE WERE 7 MEMBERS.

REPORT OF THE SECRETARY: MINUTES ACCEPTED BY NORBERT MILES, 2nd BY OWEN SMITH

REPORT OF THE TREASURER: CURRENT BALANCE OF \$ 6,057.05. ACCEPTED BY NORBERT MILES, 2nd BY DOUG GARCIA. SIGNATURE OF WALTER HANTHORN WAS INCLUDED

REPORT OF THE CERTIFICATION COMMITTEE: NO REPORT.

REPORT OF THE MEMBERSHIP COMMITTEE: NO REPORT.

REPORT OF THE FREQUENCY COORDINATOR COMMITTEE: NO REPORT.

REPORT OF THE SCHOLARSHIP COMMITTEE: WAITING FOR THE PROPOSED RECIPIENT FOR THE SCHOLARSHIP FOR AUGUST.

REPORT OF THE WEBSITE COMMITTEE 1425 HITS LAST REPORT, NOW 1441 (16 MORE FROM LAST MONTH).

REPORT OF THE EAS CHAIRMAN: NO REPORT.

REPORT OF THE PROGRAM COMMITTEE: TO CONTACT A VISIT TO EL PASO ELECTRIC CENTER OF OPERATIONS. PAUL TERRY WILL HELP.

UNFINISHED BUSINESS: RECEIVED CERTIFICATE FOR WARREN REEVES FOR CHAPTER ENGINEER OF THE YEAR FROM SBE NATIONAL. PICTURE PRESENTING IT WILL BE TAKEN SHORTLY

NEW BUSINESS OR ANY ITEMS FOR THE CHAPTER INTERES: NONE

NEXT MEETING DATE AND LOCATION: TUESDAY AUGUST 13, 2013, TIME: NOON PLACE: COMO'S ITALIAN RESTAURANT.

MEETING ADJOURNED: AT 13:30 PM.

Note from the EDITOR: Robert W. Flanders SBE Engineer of the Year is awarded to Edward J. Miller, CPBE of Broadview Heights, Ohio. Miller is an SBE Fellow and Life member, and member of Chapter 70 in Cleveland. Congratulations to our own Warren Reeves for his participation.



There is no presentation for the month of August, looks like everybody (including me) is taking vacation time, and this is understandable.

And also, this is a very busy times for our broadcast colleagues with new ownership Around.

Next meeting:

WHEN? TUESDAY AUGUST 13, 2013.

TIME? NOON (12:00 PM)
WHERE? COMO'S ITALIAN
RESTAURANT











