

NEWS

NEUTRIK XIRIUM

Neutrik announces XIRIUM digital wireless audio network

Jul. 26, 2013



Neutrik 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.

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4K RESOLUTION

From Wikipedia, the free encyclopedia

Several **4K resolutions** exist in [digital television](#) and [digital](#)

[cinematography](#). The term **4K** refers to the horizon-

tal [resolution](#) (instead of the vertical) of these formats, which are

all on the order of 4,000 pixels.

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 DCI-compliant 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.

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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.

AUGUST PROGRAM

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

