

FOR SALE

Used Stagetec Nexus base devices

Including cards for individual configuration
with all interfaces and modules as listed below

The following base devices are available:

4x 12RU Nexus Base Device

3x 6RU Nexus Base Device

5x 3RU Nexus Star Base Device

All base devices are 19" mainframes coming
with processor card and backpanel

The following cards are available:

1x XMAD Card

1x XDA Card

11x XHDI Cards

4x XRI-03 Interface

10x XER-BSRC AES/EBU entrance Cards

1x XADPLUS-D Card

10x XFOC-LC Cards

1x XCI-4TE interface Card

1x XET-XSRC interface Card

2x XMICPLUS-XLR Cards

2x RMF-BLC Cards

12x XHDI03B Cards

14x XHDI02 Cards

3x XAD Cards

2x XTI Cards

1x XDSP Card

7x XHDI02 Cards

1x RMC Card

1x RMF-BLC Card

6x RMD Cards

2x RCX Cards

12x RFOC-LC Cards

1x XFOC SC Card

19x XHDI03 B Cards

2x RCX Card

The number of cards can be configured on customer specifications

Technical specifications are listed below!



Price on request:

Excl. VAT

Excl. shipping & insurance costs

Excl. custom fees

Technical specifications:

THE IDEA

A NEXUS network consists of separate base devices that are placed wherever you want to pass audio, control and other signals to and from the network. All base devices are connected to each other via digital links, which are floating fiber optic cables. Each base device acts as an autonomous local router. In this way, a NEXUS network provides distributed intelligence, including decentralised control and crosspoint information.

CUSTOMISABLE

Each base device has an individual configuration with all interfaces and modules needed on site. The base device network allows routing of any sources to any destination, regardless of I/O formats and their physical location on the network. This eliminates the need for complex and costly format conversions.

TDM AND IP

Internally, Time-Division Multiplexing (TDM) with dynamic time slot allocation ensures ultra-fast signal transmission within just a few samples. Normally, you operate the NEXUS via a graphical user interface running on a configuration computer. The computer can be connected to any base device on the network via ethernet, USB or serial connections. You can save all settings and operate the whole audio network from any place where a control interface is installed.

REDUNDANCY

Used Stagetec Nexus Audio Frames– available for sale

Secure operation is a key feature of NEXUS: Each base unit has a dedicated CPU – a setup that reliably prevents the entire system from failing in the event of a failure. In addition, you can optionally use redundant power supplies and optical links to ensure secure operation. The NEXUS Star is a star router designed for large networks and therefore offers a redundant processor and routing card. In addition, the STAR can also be configured with redundant MADi ports. In the event of a power supply, optical link or MADi failure, the system silently and inaudibly switches to the required backup component. Ring, star and mixed topologies also enable rerouting of the transmitted signal.

STATUS MESSAGES

In the event of a failure, the system's internal watchdog triggers an alarm. All problems are displayed on the graphical user interface. Interface cards are hot-swappable, meaning you can replace them during system operation without affecting other components or signal flow.

OPERATION AND MONITORING

Many third-party controllers support the NEXUS modular control protocol. This allows NEXUS networks to integrate seamlessly with global router or studio controllers in almost any configuration, and also supports SNMP management. In general, you can control NEXUS via IP, GPIO, USB or serial interfaces.

IP SUPPORT

NEXUS supports various IP-based technologies, from multi-channel audio transmission via Dante or AES67 to a variety of control methods. For internal real-time routing, the system uses a separate ultrafast high performance TDM bus. The universal XACI control interface with ethernet ports has built-in switch, which handles complex tasks that would otherwise require the use of external server hardware. IP is also used to integrate the NEXUS SNMP agent into the global SNMP scheme for system monitoring, and IP can be transparently tunneled through NEXUS.

CUSTOMISED SWITCHING

The integrated native programming environment allows you to define logical switching operations ranging from simple tally signal forwarding to full reconfiguration of studio and controller complexes (including emergency switching). The integrated documentation makes all logical operations on the system completely transparent.

BASIC COMPONENTS

NEXUS base devices come in various sizes. They all feature a 19" mainframe with a processor card, a backplane and optical interface cards. All base devices are separately configured with audio interfaces, DSPs, and other interface cards as per customer specifications.

Pictures of the equipment:



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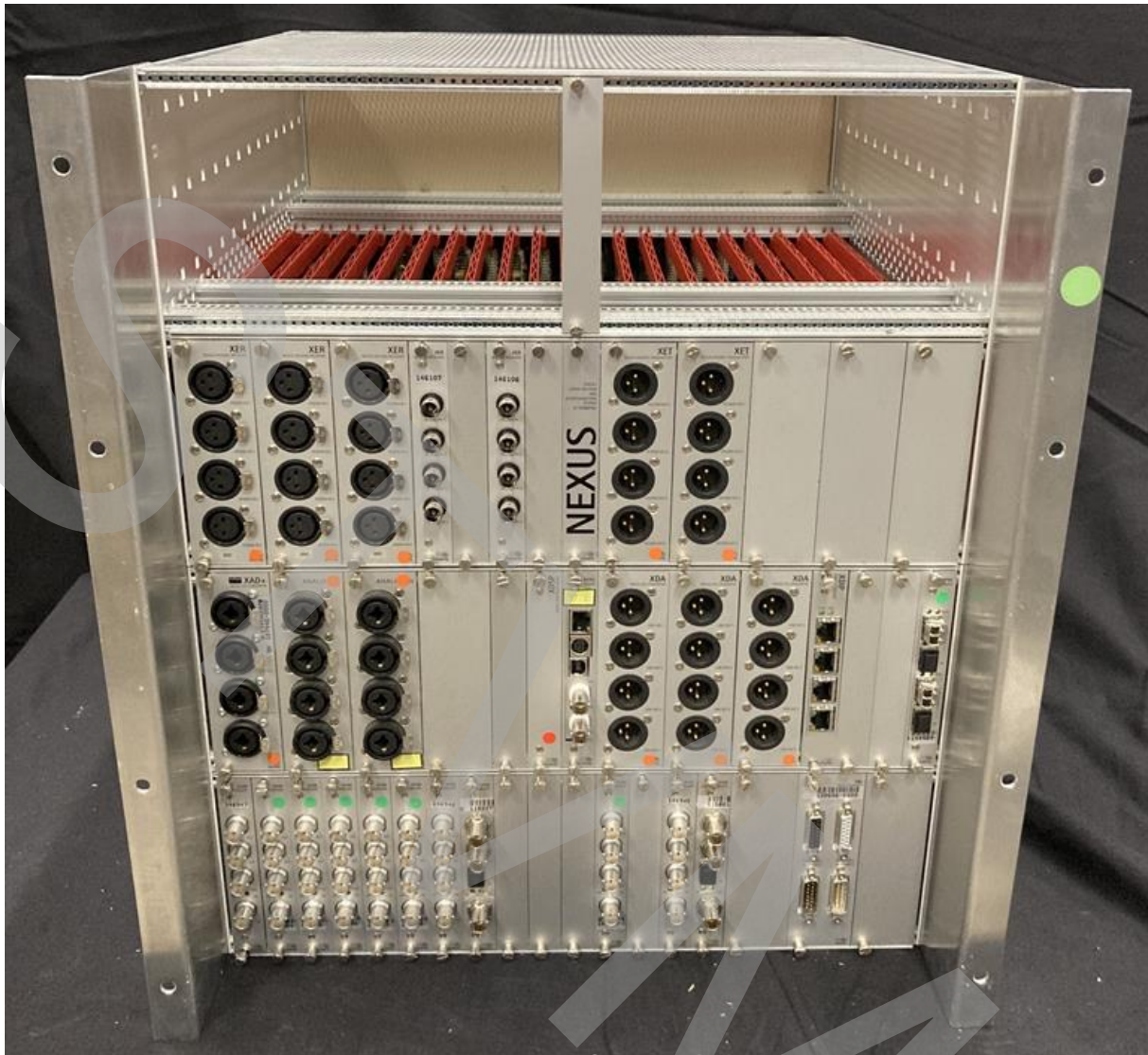
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