



NEXUS 4split //

ACTIVE MULTIFORMAT MICROPHONE SPLITTER

NOTHING BEATS THE ORIGINAL. THAT'S WHY WE'VE QUADRUPLED IT!

PURE, UNADULTERATED SIGNALS ARE THE DREAM OF EVERY AMBITIOUS SOUND ENGINEER. OUR TRUEMATCH® TECHNOLOGY HAS BEEN DELIVERING JUST THAT, WITH 158 DB OF DYNAMIC RANGE IN OUR NEXUS SERIES, MAKING MICROPHONE PREAMPLIFIERS COMPLETELY UNNECESSARY. TO MAXIMIZE AUDIO QUALITY AND EFFICIENCY IN LARGE-SCALE PRODUCTIONS, WE'VE DEVELOPED NEXUS 4SPLIT, WHICH PROVIDES THE ORIGINAL SIGNAL SIMULTANEOUSLY TO FOUR DIFFERENT RECEIVERS!



Programmable NEXUS logic buttons



Access buttons
for output format adjustments



Whether in OB vans, during separate on-location recordings, at front-of-house or studio mixing consoles, every sound engineer manipulates pure sound in real-time, enabling precise and customized adjustments of levels, phase, and high-pass filtering for their specific needs. This also extends to the choice of data transmission formats, with options like Dante, AES67, MADI, and Analog accessible concurrently, streamlining the connectivity of peripheral devices. These versatile tools offer numerous advantages for your productions at every stage.

CONCEPT

STAGETEC's audio network NEXUS is a well respected signal conversion and distribution tool in the professional audio industry. Emerging IP based signal distribution with standards like Ravenna, AES67 and Dante make it necessary to quickly deliver microphone sources in all formats without considering extended setup time or additional distribution hardware. Formats supported are: Analog, MADI, AES67 (Ravenna) and Dante.

APPLICATION AREAS

Broadcasters and rental companies will no longer require a traditional analog splitter to create multiple microphone/line outputs to multiple destinations. Splitters inherently change the mics impedance and affect the sonic quality at the source.

- Features a high-quality 32-bit Analog/Digital conversion frontend
- Enables signal distribution for simultaneous recording, sound reinforcement, and broadcasting of concerts, shows, presentations, sports events, and more.
- Ideal for large-scale stage productions
- Facilitates on-stage and in-house signal distribution without the requirement for additional hardware such as mixing consoles.

FEATURES

TrueMatch® technology ensures that every input is converted into four individual output formats, each with its own set of parameters including HiCut Filtering, Phase, Level, and Limiter. This versatility allows the NEXUS 4split to meet the requirements of any situation, whether it be on stage

or for program distribution. The device supports up to four users simultaneously, who can log in via a wireless access point and control their assigned output format using a tablet (Android or iOS). Users can save and recall up to 16 scenes or presets for quick setup, with six preferred presets easily accessible from a Quick Load area. User 1 has the ability to control the edit scope of other users, and the unit can also be remotely controlled via a standard web browser.

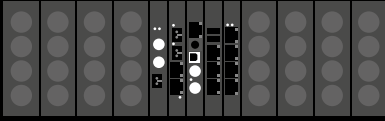
Key features of the NEXUS 4split include:

- Patented TrueMatch® technology achieving a dynamic range of 158 dB
- Seven different configurations available, with varying input channel counts and the option for integrated analogue outputs
- Frame sizes ranging from 3 to 12 rack units
- Scalable configurations that can be upgraded to support up to four output formats
- Retrofittable output cards for additional format support
- Standalone operation without integration into a NEXUS network
- Solo function with individual output assignment and the ability to send solo choices to a common output
- User management for flexible control assignment over output formats
- Redundant power supplies for added reliability
- System status information displayed on the user interface, including power supply condition.

SPECIALS

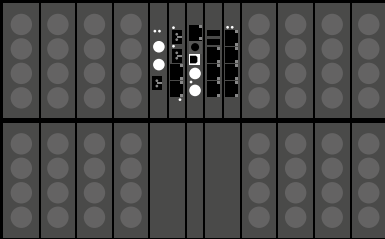
The NEXUS 4split offers four outputs per input channel, simultaneously sending signals to each installed format. Additionally, it supports the installation of two Dante cards, allowing for signal distribution across two distinct Dante networks. Our patented TrueMatch® technology ensures unparalleled audio quality, characterized by minimal transducer errors, low distortion, and enhanced aliasing suppression. This technology achieves an extraordinary dynamic range of 158 dB, which is otherwise unattainable. The unique four-stage operation of TrueMatch® converters eliminates the need for analog pre-amplification, thereby eradicating analog overload and component noise.

PRE-DEFINED CONFIGURATIONS



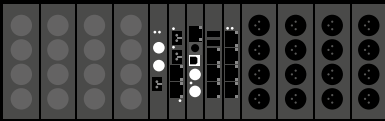
NEXUS 4split A

// 8-32 XLR without analog out



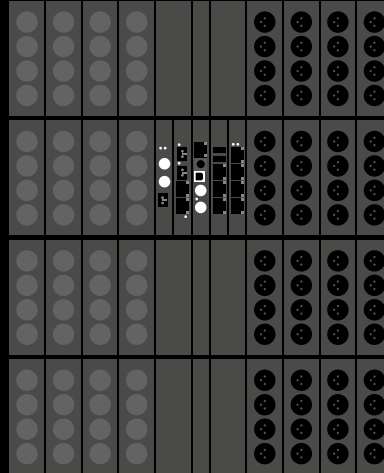
NEXUS 4split B

// 40-64 XLR without analog out



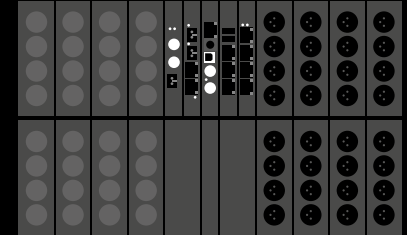
NEXUS 4split C

// 8-16 XLR with analog out



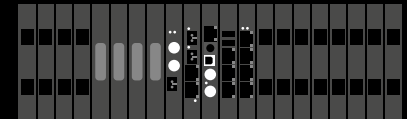
NEXUS 4split E

// 40-64 XLR with analog out



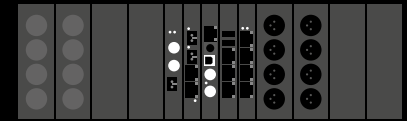
NEXUS 4split D

// 16-32 XLR with analog out



NEXUS 4split F

// Compact 8-64 with analog out
(Sub-D oder RJ45)



NEXUS 4split G

// 8 XLR

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