

Sound Check Sooner with Grip® FlexNet™!

Grip® Audio's FlexNet™ AV System enables you to load-in, set-up, and test your system faster, so you can get to sound check sooner.

Grip's amazing new net-centric system eliminates the need for bulky consoles and up to 90% of the cables used in live productions, thereby delivering more flexibility, better control, smaller footprints, lower costs, faster setup and tear-down, easy upgrades, and one-tenth the cables.

Grip has reinvented professional audiovisual equipment from the ground up to deliver an enjoyable, effortless, and efficient experience allowing users to be more creative. Whether a house or monitoring engineer, artist, producer, or promoter, Grip's FlexNet AV System puts the power in your hands to create—and recreate—the system for your changing needs!



Grip FlexNet AV System eliminates consoles and cables!

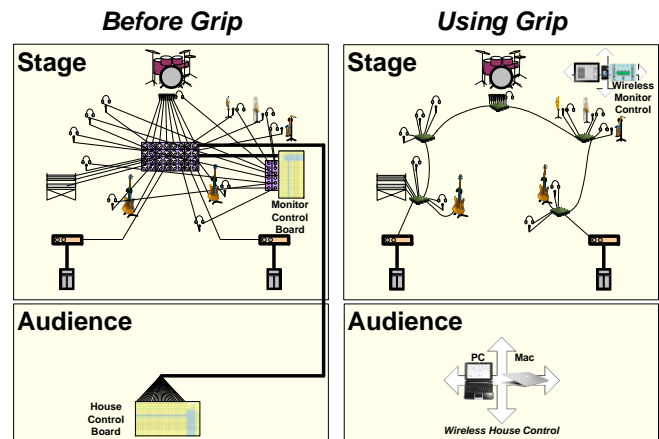
FlexNet Applications

The Grip FlexNet AV system serves as a complete audio solution, or complements existing equipment for added functionality. Features include mixing, personal monitoring, digital snake, input collection, effects, digital transport, and audio network bridging.

Applications include conference centers, breakout rooms, live concerts, festivals, corporate boardrooms and auditoriums, education, government, houses of worship, large and small venues, and recording studios. Users such as rental and staging companies, production companies, musicians, schools, and businesses will all benefit.

The Grip FlexNet AV System

Grip's unique, patent-pending approach leverages the power of networking so each user takes advantage of the resources of the entire network. FlexNet's modularity and distributed nodes minimize cables by keeping the media conversion, mixing, and signal processing where needed. FlexNet also allows control to be delegated to as many or few people as desired.



Solid hardware plus multi-platform PC and mobile apps

The Grip FlexNet AV System consists of media-savvy hardware nodes and software control applications. Each FlexNet AV System includes one to five Media Nodes and control software running on standard PCs and mobile devices. Systems may be linked together to create larger systems.

FlexNet Media Nodes

Grip FlexNet Media Nodes contain the preamps, analog-to-digital conversion, media routing, mixing, signal processing, and digital-to-analog conversion.

There's no need to bring the signals to Front-of-House (FoH) for processing. The house engineer can remotely control the processing located near the artists and amplifiers. Each signal is digitized locally (if needed) and becomes available as a resource to all nodes. This avoids hauling all that analog bandwidth, keeping it on stage where it belongs! Inserts and monitoring at FoH may be wireless, or a FlexNet Media Node may be located at FoH for this purpose.

Customers configure each Media Node with FlexNet modules to meet their specific needs. The rugged portable enclosure has room for six modules, which come in many varieties.

FlexNet Modules

There are analog audio inputs and outputs, digital audio inputs and outputs, and network interfaces for IEEE-1394, WiFi, and Ethernet.

The analog input module contains two mono channels with an analog path that includes combo (balanced XLR and 1/4") connectors, individually switchable phantom power (+48V), low/high impedance, 20dB attenuation, polarity switch, and an analog preamplifier with gain from 0dB to 65dB. Analog channels are digitized with 48 kHz, 96 kHz, or 192 kHz sampling and 24-bit quantization. The module hosts a local digital signal processor (DSP) for input signal processing, and makes its internal signals available to other modules in the Media Node and other Media Nodes on the network.

The analog output module contains a local DSP for mixing and output signal processing. It is here that house and monitoring mixes, sub-mixes, and other busses are formed. Mix inputs may come from anywhere in the network. Internal signals may be assigned to output connectors where they are converted back to analog. Outputs are XLR (balanced mono) and 1/4" TRS (single-ended stereo pair), which will drive professional headphones.

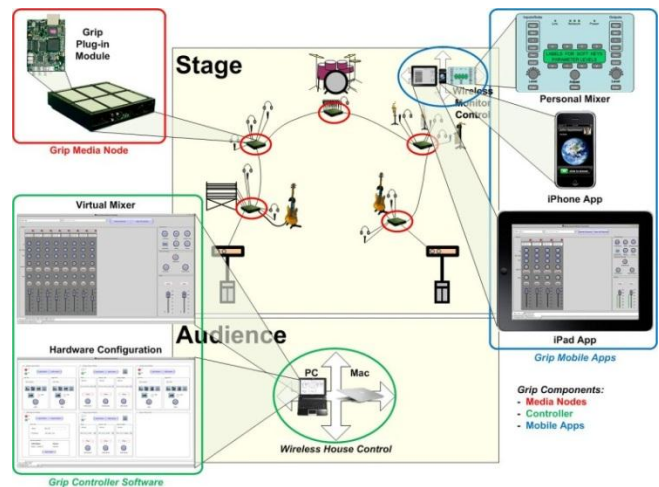
The digital input and output module transmits two channels and receives two channels of digital audio on either an AES/EBU (XLR) or a S/PDIF (RCA) interface. A received interface may be designated as the clock synchronization source for the system.

Network modules provide both control and media interfaces for connecting Media Nodes together and bridging to other networks. IEEE-1394 connects to nearby Media Nodes, PCs running digital audio workstations (DAWs), and disk drives. Ethernet and

WiFi are used to communicate between the Grip Media Nodes and Grip control software.

FlexNet Control Software

The Grip FlexNet AV System software remotely controls every aspect of the Media Nodes using wireless or wired data networks. FlexNet software is hosted on standard PCs, tablets, and phones running Windows, Mac, Linux, iOS (i.e., iPad and iPhone), and Android. Multiple devices may be used to control the system. Responsibilities may be delegated to various users to balance work-loads and allow them to concentrate on their particular production role.



Grip FlexNet AV System components highlighted

The Future is Bright!

The future will include an ever-expanding list of media types, enclosures, interfaces (including Ethernet AVB), effects, plug-ins, and software applications. FlexNet Media Nodes will be offered in other sizes in portable, rack-mountable, floor-box, and wall-box versions.

Where to Buy

The Grip system is available for preorder today directly from Grip and is scheduled for release in October of 2012. Please contact us at (623) 328-8233 or sales@gripav.com for more information or custom solutions. Our website is www.gripav.com.