



The Future of IP Transmission

Since ACCESS was introduced over a decade ago, it has become the world's leading IP audio codec. And in that time, IP transmission technology has developed significantly. We've taken our world-class platform, along with the last decade of technical growth, and built a brand new platform for the future - ACCESS NX.

ACCESS NX is the ultimate tool to take advantage of these advances. Designed from the ground up as a platform for CrossLock, our sophisticated custom reliability layer, ACCESS NX is the next step in innovative portable broadcasting.

IP Networks

IP infrastructure is growing rapidly, and networks are available virtually everywhere. ACCESS NX offers several ways to get connected.

ACCESS NX comes with a Wi-Fi modem, along with an integrated Ethernet port for connecting to wired DSL or broadband cable. ACCESS NX can also accommodate connections to 3G/4G cellular data networks using Comrex supported USB devices.

For those who need to use public Wi-Fi, ACCESS NX can log in to IP networks through the integrated web browser. This allows users to type credentials into login screens and agree to usage terms, which expands networking options.

Still need to use POTS? ACCESS NX is compatible with a USB POTS/PSTN modem for use on legacy analog phone lines*.

CrossLock Technology

ACCESS NX has been designed from the ground up to support CrossLock technology. The most advanced network management tool on the market today, CrossLock gives users the ability to use multiple IP networks together simultaneously. When a new network is introduced, Crosslock will immediately evaluate how much bandwidth is available, while factoring in latency and jitter information, and combine the two connections to take advantage of all available bandwidth.

More than just combining networks, CrossLock can also monitor and dynamically adjust how much of your stream is being placed on each network, in real time. When necessary, CrossLock can apply appropriate error correction, recovery, or concealment techniques. And when a network becomes unusable, CrossLock can isolate it, without any user intervention.

User Experience

ACCESS NX is easy enough for users of varying technical backgrounds to operate anywhere. Equipped with a 5-inch capacitive touch screen, it's simple to operate ACCESS NX in the field. Plus, with a smaller chassis and an improved user interface, ACCESS NX is designed to be even more user-friendly than its predecessor.

Rackmount

While the ACCESS NX has been optimized to provide complete mobility and solid reliability, the ACCESS Rack has been designed as its perfect studio counterpart. The 1U 19" rack mount ACCESS features balanced stereo XLR inputs and outputs, AES I/O on XLR, Ethernet port, POTS modem, multiple USB ports, and serial and contact closure ports. ACCESS Rack can be directly controlled with a keyboard or mouse, a USB touch screen monitor, or driven with a standard web browser.

*sold separately

ACCESS NX Connections & Features

Inputs:

- Two mic/line switchable XLR inputs
- Dedicated stereo line input

Outputs:

- Two 1/4" stereo headphone outputs
- Fixed stereo line output (source selectable)

Processing:

- Digital mixing and headphone busses
- Digital peak limiting
- Selectable producer feed - mic channels can be routed directly into local headphones only

Battery

- Internal lithium ion battery - up to 6.5 hours of talk time (5 hours when using mixer)
- Field changeable
- Optional external battery charger

Communications

- Serial data
- 4 I/O contact closures

Network

- Built-in Ethernet port
- Two USB jacks
- Operates on 3G/4G networks, Wi-Fi, Ethernet, and POTS (with optional POTS modem)

Operation

- 5 inch capacitive touchscreen
- Can also be controlled with the Web-based Interface, Codec Commander, or Fleet Commander

