



## PowerStation The Indestructible Console Engine

PowerStation, the advanced, integrated console engine that's built like a tank.  
Unpack it, install it... forget it.

Meet PowerStation: the latest console advancement from Axia, the company that invented IP-Audio. From the beginning, IP-Audio networks saved broadcasters time and money by providing them with an easy way to bring together all the separate pieces of the broadcast studio – audio devices, consoles, machine control, delivery systems, routing switchers – and combine them into one flexible, easily-managed system.

PowerStation makes IP-Audio even easier to deploy by combining six separate devices – an DSP mixing engine, a console CPU and power supply, audio I/O, GPIO and an Ethernet switch – into one unit, a self-contained console engine that's engineered – make that over-engineered – to ensure years of reliable, trouble-free service.

Our clients have always raved about the time and money saved by an Axia network. PowerStation helps save even more, dramatically streamlining studio builds: put PowerStation in your rack, connect your Axia console with just a single cable, plug in your audio devices and name your sources with the user-friendly Web interface. Add power and you're on the air. It's that simple!

### Facts and Features

PowerStation Main is where you start, with half-a-dozen essential tools combined into one compact unit. Inside you'll find a bulletproof mixing engine capable of handling consoles up to 40 faders, a massive power supply (with optional redundant power), machine control ports, and audio I/O, all in one box. How much audio I/O? You'll find two Mic inputs, four Analog inputs and six outputs, two AES/EBU inputs and two outputs, four GPIO ports, each with five inputs and five outputs. And there are 16 built-in Ethernet ports with Livewire™ for single-cable connection of Telos phone systems, Omnia audio processors and other Axia equipment, as well as gear from an ever-expanding list of Livewire partners. And two Gigabit ports with SFP let you connect to copper or fiber networks.

If you need more I/O, simply connect a PowerStation Aux to instantly double your Mic, Analog, AES and GPIO ports. PowerStation Aux connects quickly and easily, with just one Ethernet cable and one power connector.

Speaking of power, I/O isn't the only thing that doubles when you connect a PowerStation Aux: you also get a redundant, backup power supply with built-in switchover. Most redundant supplies protect only the console, but since PowerStation is an integrated console engine, the mixing engine, audio I/O and network switch are protected as well – a feature you'll not find anywhere else.

### Over-engineered to Axia standards.

You want your console to be more than just reliable – you want it built like a battleship. You want the absolute peace of mind that comes from knowing your gear will never let you down. So our team of obsessive console designers made sure that every part of PowerStation was chosen for its ability to give constant, uninterrupted service, 24 hours a day, 7 days a week, 365 days a year. There are no compromises: PowerStation uses only best-of-the-best components, like studio-grade mic preamps and 24-bit, 256x oversampling A/D converters, a rigid, EM-tight chassis, an ultra-reliable DSP platform (not a common PC motherboard) and a hardened power supply designed for unflinching service, even in the harshest environments.



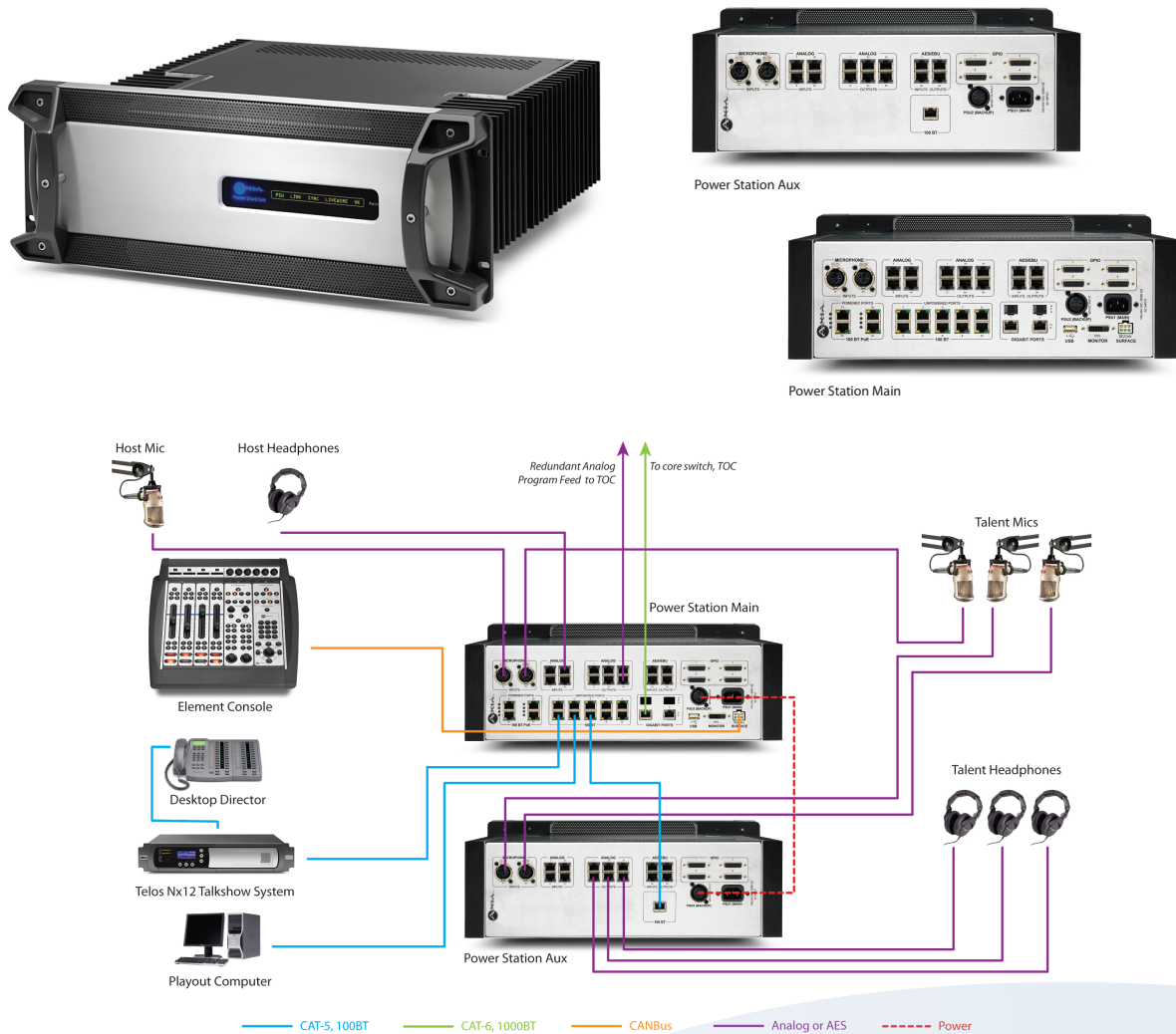
[AxiaAudio.com](http://AxiaAudio.com)

## The Standalone Network

We designed PowerStation to be the world's first networked broadcast console that doesn't need a network. It's completely self-contained: it works flawlessly as part of a large network, but if you unplug its network cable, it's completely unaffected. Think of it as an "island of reliability."

Not only does PowerStation make it easy to build stand-alone, independent studios, it also makes it easier than ever to network them together. An exclusive new Axia feature we call Simple Networking allows up to 4 PowerStations to daisy-chain without the need for a separate switch (although you can add one to build even larger networks).

Build just one studio, or a dozen, at any pace you choose — your PowerStation network is ready to expand when you are, up to as many as 10,000 stereo channels.



AxiaAudio.com



## Element 2.0

PowerStation works with the Axia Element broadcast mixing console. With more than 1,000 consoles already on the air, Element is a huge hit. And now, thanks to suggestions from our clients, it's better than ever. Element 2.0 has cool features like Omnia™ headphone processing presets to give talent that "air sound", super-accurate metering with both peak and average displays, one-touch phone recording with automatic split-channel feed, automatic mix-minus for every fader, an eight-channel Virtual Mixer that lets you combine multiple audio streams and control them with a single fader, and metallic bronze or silver module overlays. And we haven't even begun to tell you about Element's Show Profiles that instantly recall talent's favorite settings, its built-in Telco controls, fully-integrated talkback/IFB and Mic processing by Omnia. And durable? Element is nearly indestructible, ready to take whatever pounding ham-fisted jocks dish out and keep going. You want examples? Element's avionics-grade switches are rated for more than two million operations. What look like ordinary rotary controls are, in reality, bullet-proof optical encoders — no wipers to wear out or get noisy. The silky-smooth conductive-plastic faders actuate from the side, not the top, so dirt and grunge stay out. The high-impact Lexan module overlays have their color and printing applied on the back, where it can't wear or chip off. The frame is made from thick aluminum extrusions that are stronger than truck-stop coffee. To find out even more about Element, visit [AxiaAudio.com/Element/](http://AxiaAudio.com/Element/). Grab some coffee and prep for a good, long read — remember, our marketers get paid by the word.



[AxiaAudio.com](http://AxiaAudio.com)