



LOOK BELOW THE SURFACE

Appearances can be deceiving. Axia® iQx looks like a traditional console, but it's actually a surface and mix engine rolled into one —at a surprisingly affordable price. We dove deep with AES67, giving you access to every source, anywhere on the network. With nearly limitless connections, we can't even fathom the possibilities.



**AES67
Livewire+**

Axia® iQx AoIP Console

Look Below the Surface





“Surface Meet Engine...
Engine, Surface.”

Surface Meet Engine...Engine, Surface

Traditionally, surfaces need to be connected to a separate mix engine, the so-called “brains” of the system. Axia iQx combines the mix engine and surface into one unit. That’s one less component and connection you need to worry about when building your studio, allowing you to get up and running quickly and easily.

Standards-Based for Easy Connectivity

Built from the ground up as an AoIP console, iQx is AES67-compliant and stands fully capable of supporting emerging standards including SMPTE 2110-30. There’s no limit to the number of sources and connections you can access on the network. Well, OK, 16 million...but who’s counting?

Don’t Pay for I/O You Don’t Need!

If you already have an existing AoIP network, you may not even need to add additional I/O. You can connect your iQx and access any audio source, anywhere on the network, from anywhere in the world. Have iQ consoles or QOR engines on your network? Drop in an iQx and share resources without having to add additional equipment. By piggybacking off existing resources like an Axia QOR engine, a station on a budget can suddenly build an additional studio for far less. This is a first and changes the game.

Affordable Yet Impeccable

Not only does iQx allow you to utilize existing network resources without breaking the budget in ancillary I/O, it is very affordable, bridging the gap between a lower-end \$2K console and a higher-end, \$8K model, while retaining all the craftsmanship, build quality, and innovation that Axia is known for.

Instant Studio

Create an instant studio by adding a Telos Alliance xNode to support local microphones, headphones, and any other sources you might want, and you’re ready to rock in a flash. Add additional xNodes or an xSwitch to expand I/O and network switching capabilities as needed. While iQx is sophisticated inside, it’s familiar on the outside so there’s no steep learning curve.

“Don’t pay for I/O interfaces you don’t need!”



Plug-and-Play Installation

Configuration is a no-brainer thanks to a built-in web GUI—no proprietary application required. And while some locations where consoles are installed can be tight on rack space, iQx doesn’t require any thanks to the integrated engine. The console can be placed tabletop, without the need to modify furniture. All while offering network and power redundancy expected by world-class broadcast facilities.

Ready for the Future, Even If You Aren’t

iQx is great for nontraditional studio setups too. Need a temporary studio for a special event or to add or move a studio quickly? Mixing sports, remote talent, or audio that isn’t located in your studio? iQx is your console, letting you bring in sources from all over the world. Control is not just a local thing either; an iQx can be controlled from the remote site, so no in-studio operator is required. With iQx, you have access to everything, everywhere. While we can’t predict the future, we know change is in store, and iQx is flexible enough to support you today and tomorrow.

Get the Benefits of an AoIP Network

New to AoIP? In addition to its own unique advantages, iQx is an AoIP console at its heart, giving you all the benefits that come with an AoIP network. More flexibility, easier and faster installs, cost efficiency, a decentralized system without a single point of failure, and the ability to upgrade from analog one studio at a time are all upsides of AoIP.

Once a source is on an AoIP audio network, it can be made available to any device on that same network. In the analog days, this could only be accomplished with costly routing switchers or stacks of distribution amps. Now, any station with an AoIP network has this capability built in.

Finally, with no analog audio physically inside an AoIP console, you reduce or even eliminate interference that can compromise sound. With AoIP, stations enjoy much cleaner audio throughout the studio facility.

AoIP Features

- Standards-based console supports AES67 and SMPTE 2110-30.
- Configurable from 8 to 24 faders, each with instant access to any AoIP source.
- Works with any AES67, Livewire+™ AES67, or Livewire source.
- Assign any AoIP source to any channel, like having over 16 million patch points!



“Flexible enough to support you today and tomorrow.”

Console Features

- 24 built-in stereo three-band EQs.
- Channel-input confidence meters assure operator of audio presence before taking sources to air.
- Fader’s context-sensitive Soft key can be used to activate talkback, start delivery system events, or perform other special functions.
- Stereo Preview (“cue”) function for every fader with unique interlock system for fast cueing of multiple sources.
- Reconfigurable CR monitor section with direct selection of 4 program busses and re-assignable buttons that allow instant monitoring of external sources.
- Additional monitor section provides separate monitor volume, source selection, and talkback controls for an associated studio.
- Flexible built-in mix-minus and talkback system lets operator talk to guests and phone/codec sources, each with an associated, automatically created backfeed mix-minus.
- Precision event timer can be operated manually or triggered by starting preselected sources.
- Time-of-day clock synchronized to network PTP time or NTP, with time zone and daylight savings settings.
- Unlimited source profiles with four quick-recall snapshots (show profiles).
- Remote access for configuration, management, and diagnostics using standard Web browser. No proprietary software required.
- Auxiliary “V-Mix” remotely controllable 5-input virtual mixer, for whatever extra audio need you may have.
- Automixer available on all channels

Telco Features

- Unique Record Mode enables one-button setup of record mixes for phone bits or off-air interviews.
- Optional Telco Expansion Frame provides direct, on-the-console control of Telos multiline phone systems. High-resolution displays for instant call status information. Dump key for profanity delay.

“ While iQx is sophisticated inside, it’s familiar on the outside so there’s no steep learning curve.”



Design Features

- Smooth, long-life 100mm conductive-plastic faders resist dirt and contamination.
- High-resolution displays provide responsive, readable VU or PPM metering styles. Displays can be switched to display 2, 3, or 4 meters at once.
- Alphanumeric displays below each fader show current audio source and other features without panel clutter or intimidating controls.
- Up to 2 additional iQ side frames can be joined to produce a single large control surface or operated separately to suit studio design.
- Tabletop mounting.
- Fan-free, convection-cooled operation, quiet enough for on-air mics.

Inputs/Outputs

- Four main stereo program bus outputs, plus bus outputs for Record, Phone, CR Monitor, CR Monitor Direct, CR Headphones, Preview, Talkback to CR, Talkback to External, Studio Guest HP, Studio Monitor, Studio Talent HP.
- Automatic mix-minus provided for any source input.
- 5 stereo input to 1 stereo output, auxiliary “V-Mix” mixer.
- 2 network ports, 1 for link to the AoIP network and 1 for a local I/O.
- Fanless power supply standard; second redundant power supply optional.

Dimensions

- Unit weight: 12 lbs / 5.5 kg.
- Shipping weight: 25 lbs / 11.4 kg.
- W: 20.4”(518.5mm), L: 18.2”(463.3mm), H: 4.4”(111.4mm)