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CALREC

Brio
Get up and go

CALREC



Brio, the most powerful and compact digital broadcast audio console in its class.

Brio's comprehensive broadcast feature set supports a wider breadth of broadcasters, while retaining the same market-leading levels of quality and customer support which Calrec is renowned for.

The smallest in Calrec's Bluefin2 family, Brio's control surface is unlike any other console. At only 892mm wide, the 36 fader dual-layer surface provides more faders in a given footprint than any other audio console.

Based on Calrec's 20 years of digital development, Brio's uncluttered, compact and configurable surface gives instant access to a large number of audio paths, whilst an intuitive 15.6" HD touchscreen UI provides quick access to more in-depth control. A bank of illuminating hardware rotary controls give fast and precise control over parameters displayed in the touchscreen UI.

Brio is a mixing console completely focused on the needs of broadcasters. This level of scalable and managed I/O, comprehensive monitoring, surround sound and high bus quantities provides a dedicated broadcast functionality that has never been available at this level.

As the market calls for more and more audio mixes to support online content, smaller consoles that possess pure live broadcast features are increasingly desirable. Products in this sector have traditionally had basic capabilities and are not ideally suited to broadcast environments. Brio is the first application-specific alternative.

Brio's compact size means it is extremely portable and quick to install, making it ideal as a workhorse that can be used as and when needed, and its connectivity with other Hydra2-compatible equipment makes it even more versatile.

Brio is entirely self-contained with analogue and digital I/O, and GPIO, built into the surface. Additional expansion I/O slots are also fitted to allow for further I/O to be connected. A Hydra2 module can also be fitted to connect to and share audio over Calrec's Hydra2 network.

This means Hydra2's sophisticated management facilities can be utilised for network-wide control, including interfacing with multiple IP networks. This protects the system against any future formats that may emerge and allows the console to sit on multiple networks simultaneously if desired.



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Surface

- 36 x dual layer faders - 100mm, motorised, with PFL overpress
- 1 x assignable user rotary control per strip
- 2 x assignable user buttons per strip
- 12 x assignable global user buttons
- Compact 892mm x 892mm control surface

DSP

- Freely configurable on the fly, operates at 44.1, 48, 88.2 and 96kHz
- 64 legs assignable as mono, stereo, or 5.1 Input Channels
- 36 legs assignable as mono, stereo, or 5.1 Mains and Groups (maximum of 4 Mains and 8 Groups)
- 24 legs assignable as mono or stereo Auxes
- 64 legs assignable as Insert sends and returns
- 64 legs assignable as Direct, or Mix-Minus Outputs
- Automatic Mix-Minus
- Off-Air Conference for Mix-Minus

EQ

- 6 band EQ available on every Input Channel, Group, Aux and Main path:
- 4 band full PEQ
 - 2 band LF/HF filters, 12 or 24dB/octave

Dynamics

- Every Input Channel and Group path:
- Expander/Gate/Ducker, with key input and sidechain EQ
 - Compressor with key input and sidechain EQ
 - Multiband Compressor
- Every Aux:
- Expander/Gate
 - Compressor
- Every Main:
- Single Band Compressor
 - Multiband Compressor

2 x Automixers available to all mono Input Channels and Groups

Delay

- Delay available on every path
- Additional 64 legs assignable as output delay
- 64 legs assignable as input delay of up to 5s

Monitoring/Metering

- 3 x Monitor outputs
- Surround capable metering within each strip
- Configurable meter screen output (DVI)
- Loudness meters



Multiple Sample Rates

- Functions at 44.1, 48, 88.2 and 96kHz
- All DSP facilities are available at all sample rates

Remote/Automated Control

- 8 x GPI and 8 x GPO built in
- AutoFaders for Audio Follows Video style control
- CSCP mixer control protocol interfaces with a variety of video switchers and production automation systems
- SW-P-08 'Pro-Bel' router control protocol
- EMBER

I/O

- 24 x Mic/Line inputs
- 16 x Analogue outputs
- 8 x AES3 digital inputs
- 8 x AES3 digital outputs
- 3 x Expansion slots to increase standard built in I/O, or to provide interface to other formats, including SDI, MADI, Dante etc.
- Optional Hydra 2 Module allows for further I/O to be connected, and to network audio with other consoles