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Brio  
Get up and go





# 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. Available in two sizes; Brio 36 with a 36 fader dual-layer surface at 892mm wide, or Brio 12 with a 12 fader dual-layer surface at only 484mm wide, they provide more faders in a given footprint than any other comparable 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 level of 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 general purpose 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. Brio 36 even provides 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

- 12 or 36 x dual layer faders - 100mm, motorised, with PFL overpress
- Compact footprint:
  - Brio 36 only 892mm wide x 892mm deep x 270mm high
  - Brio 12 only 484mm wide x 892mm deep x 270mm high
- 1 x user assignable rotary control per strip
- 2 x user assignable buttons per strip

### DSP

- Freely configurable on the fly, operates at 44.1, 48, 88.2 and 96kHz:
- Up to 96 legs assignable as mono, stereo, or 5.1 Input Channels\*
- 36 legs assignable as mono, stereo or 5.1 mains or groups
- 24 legs assignable as mono or stereo auxes
- Up to 96 legs assignable as Insert sends and returns\*
- Up to 96 legs assignable as Direct, or Mix-Minus Outputs\*
- Automatic Mix-Minus
- Off-Air Conference for Mix-Minus

### 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

### 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

### Delay

- Delay available on every path
- Up to 64 legs assignable as output delay
- Up to 64 legs assignable as input delay

### Monitoring/Metering

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

### Multiple Sample Rates

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

### Remote/Automated Control

- Remote/Automated Control
- 8 x GPI + 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

\*Up to 64 legs on Brio 12

\*\* Brio 36 only