

# Brio12

C | A | L | R | E | C

## Compact

Brio12 is a 48 input channel, 12-fader small format broadcast audio console with the same powerful feature set as its larger sibling, Brio36.

Brio12 meets the demand for a broadcast mixer that can be used in very tight spaces like small vans and compact control rooms. At under 450mm (18") wide it is slim enough to fit into standard racks or be stowed out of the way when not in use.

## Small in Size, Big in Stature

Brio12 is perfect for small and medium scale productions, or as a sub-mixer or backup mixer for larger productions. Brio12 removes the limitations on ambition and creativity imposed by mixers of comparable size and price-point.

With 12 physical dual-layer faders for mixing sources during live broadcast, Brio12 provides extra virtual faders for use as VCA Slaves/Sub-mixes or for automated control accessed via its user-friendly UI.

## Flexible

Brio12 has the same buss count as the popular Brio36 giving it plenty of capacity for multiple mixes, mix-minus and monitor feeds.

The large channel count for its size makes it ideal for production environments requiring automated control over every fader making it a very powerful tool in operationally lean setups.

## Integrated

A wide variety of audio I/O format options are available via 3 slots that can be fitted with cards from the Hydra2 modular I/O range.

Extra I/O can be added through the Hydra2 connectivity on the rear of the console, which also allows Brio to network and share audio with other Calrec mixers.



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## Surface

- 12 x dual layer faders - 100mm, motorised, with PFL overpress
- Compact footprint: only 484mm wide x 892mm deep x 270mm high with slim trim option available reducing it to 430mm wide
- 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:

- 48 legs assignable as mono, stereo, or 5.1 Input Channels
- 36 legs assignable as mono, stereo or 5.1 mains or groups (maximum of 4 mains and 8 groups)
- 24 legs assignable as mono or stereo Auxes
- 48 legs assignable as Insert sends and returns
- 48 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
- Additional 48 legs assignable as output delay
- 48 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 48, 96, 44.1 or 88.2kHz
- All DSP facilities are available at all sample rates

## Remote/Automated Control

- Remote/Automated Control
- 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

- 3 x Expansion slots to provide integrated I/O, or to provide interface to other formats, including SDI, MADI, Dante etc.
- Hydra2 Module allows for further I/O to be connected, and to network audio with other consoles