

EVOX J MIX9

Reference Guide

Column Speaker System with Digital Mixer



This document applies to internal firmware version 1.0

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Document Revisions

Revision	Date	Notes
1.00	January 2026	Initial Release

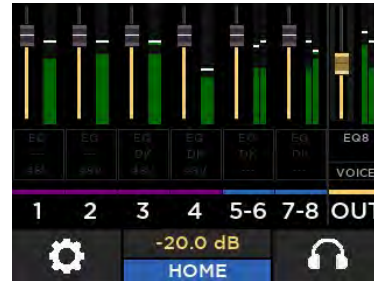
1. QUICK START

The EVOX JMX9 has controls in two areas: the digital mixer section, on the upper side of the subwoofer cabinet, and the amplifier section, on the rear side of the subwoofer cabinet.

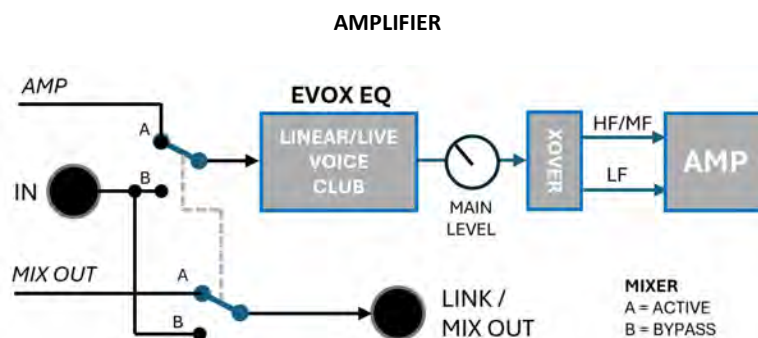
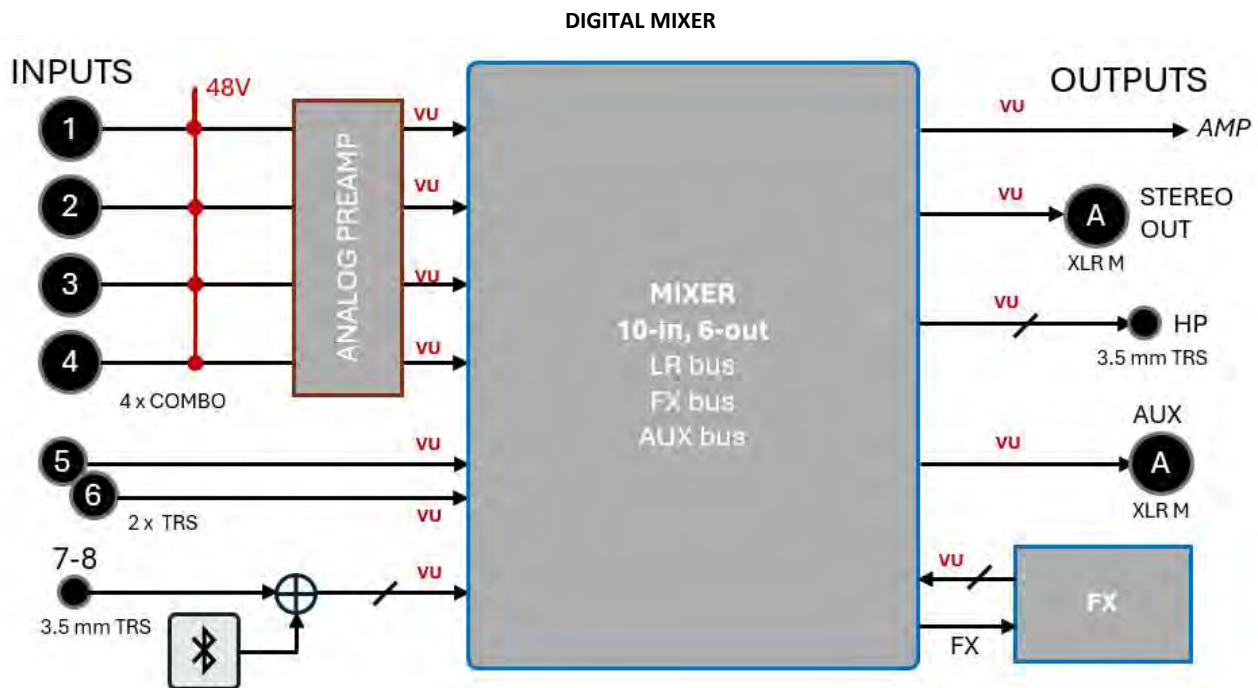
The EVOX JMX9 represents a significant evolution from the existing JMX8 speaker system, combining an improved amplifier driving high quality transducers and an advanced digital mixing section, designed to meet the needs of modern professionals.

The internal mixer architecture is TRUE STEREO, offering the same performance and features as external mixers.

The digital mixer Home Page screen contains all major information and shows level values as accessible from the encoders, for both inputs (6 encoders below) and the main stereo output (MAIN LEVEL encoder on the right side)

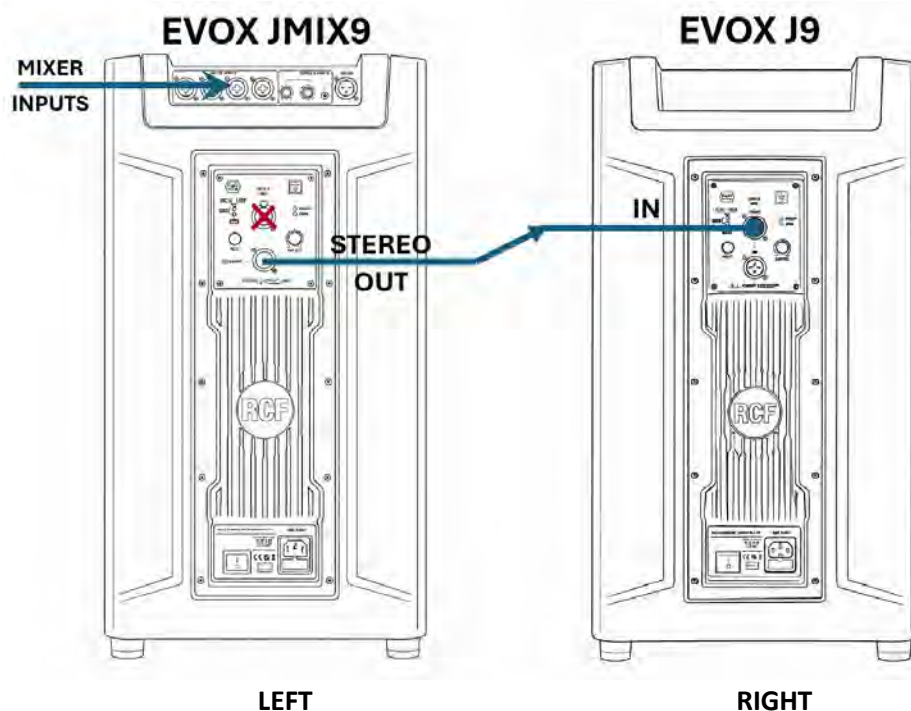


The amplifier section features the same controls available on the EVOX J9, with the XLR output serving a dual function: LINK (a passive thru connection from the COMBO input) when the mixer is in bypass mode, and STEREO OUT with the mixer active, allowing the connection of an EVOX J9 for true stereo operation.



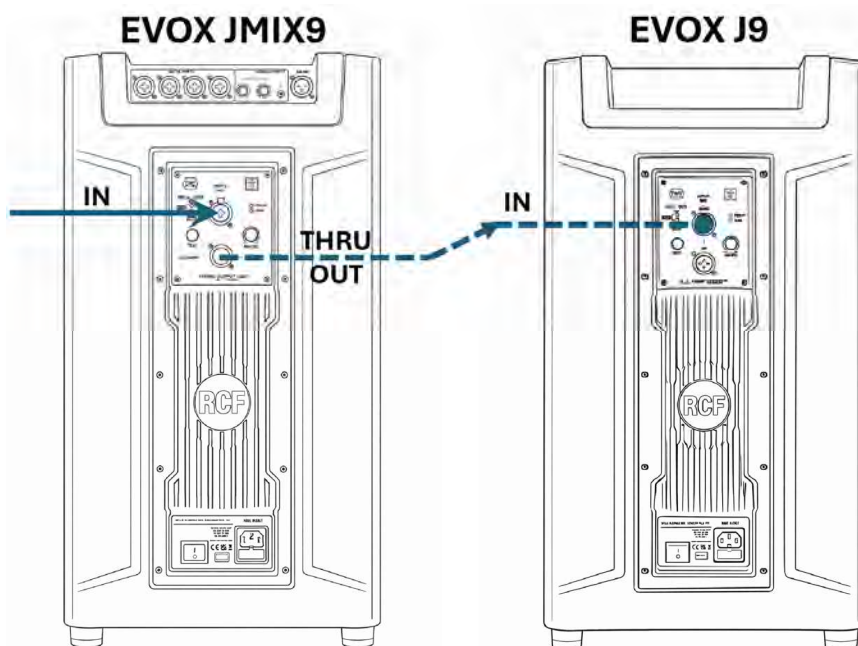
2. CONNECTION SCHEMES

When the mixer is **ACTIVE**, JMIX9 acts as the control centre that manages the MIX OUT to obtain a true stereo operation when paired with an EVOX J9.



Left / Right assignment can be reversed from the display. Please notice that speaker presets should be the same on both JMIX9 and J9 for consistent stereo audio performance.

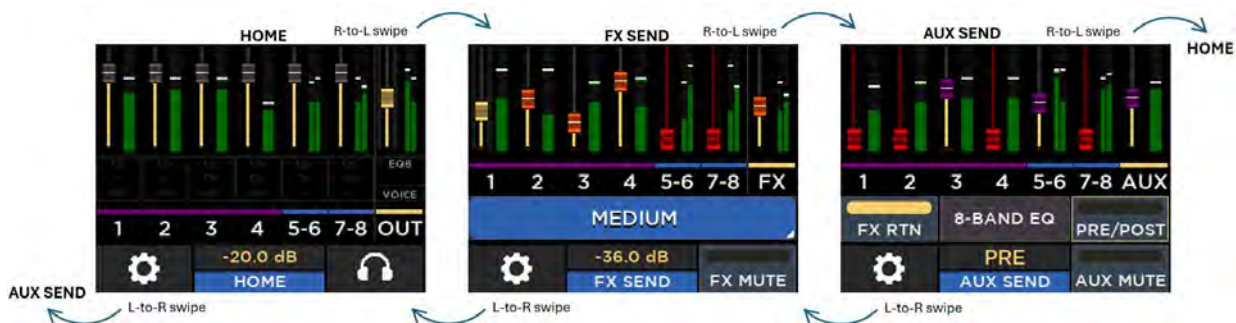
When the mixer is in **BYPASS** mode, the EVOX JMIX9 behaves as an EVOX J9; its output XLR is a direct thru of the amplifier input, and another EVOX can be optionally connected for cascading with the same input signal, as shown below. In this case, the feed is mono.



3. HOME AND EDIT PAGES

User Interface features

Horizontal gestures are enabled to allow a quick navigation between the following pages: Home, FX Send, AUX Send:



Vertical gestures from top to bottom allows a quick jump to the Home page when in Edit mode; this option is shown as three dots on the upper centre edge of the screen.

As a general rule, within the edit pages some **encoders are assigned to specific controls**. In this case, a lower row of rotary controls appears on the screen; two examples are shown below. Other control types (such as the EQ ON/OFF button shown below) are not tied to encoders. For Input Edit view, the 6 encoders are all mapped to functions which are also indicated on the mixer metal panel.



Controls mapped to physical encoders are inside the red rectangles

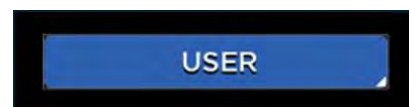
The MAIN LEVEL/EDIT encoder located on the right side of the screen is normally associated to the overall output level, except in specific edit pages. Furthermore, other on-screen controls can be selected via the touch interface and edited via the MAIN LEVEL/EDIT encoder. As an example, on the rightmost screen above, HPF, COMP and preset selection can be edited in this way.

When an EQ is available on an edit page, the contour is shown in a miniature located on the top left side of the screen. If any of the relevant EQ controls is moved, the **EQ contour zooms** to allow better visibility of EQ intervention. After a few seconds, the screen reverts to normal view.



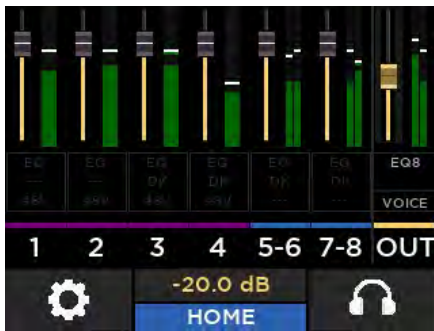
EQ curve zoom when any of LO, MID or HI controls is moved

In general, when an on-screen button features a coloured edge on the lower right side, it means different values can be chosen via the MAIN LEVEL/EDIT encoder, after selecting the control via touch interface.



Home View

Home View is the default page which shows up when the EVOX JMX9 is powered on or exits from idle state.



The following actions are available from the Home view:

- Change overall output level (via MAIN LEVEL encoder)
- Change input levels (via individual lower encoders)
- Go to INPUT channel edit (via a short press on input encoders)
- Go to OUTPUT edit (via a short press on MAIN LEVEL encoder)
- Go to SETTINGS page (lower left button)
- Go to HEADPHONES page (lower right button)

If any of the levels is set to minimum, the related fader turns red to highlight its status. By pressing and holding an encoder, the related level goes in MUTE; another long press restores normal operation for the specific channel. This applies to output and all inputs.



1 – VU meters and level values for all inputs; ch 5-6 and 7-8 are viewed as stereo pairs

2 – input settings quick summary: EQ on/off, ducker on/off, 48V enable

3 - **SETTINGS**: it allows a full configuration of the unit; this is explained in detail in the following chapters

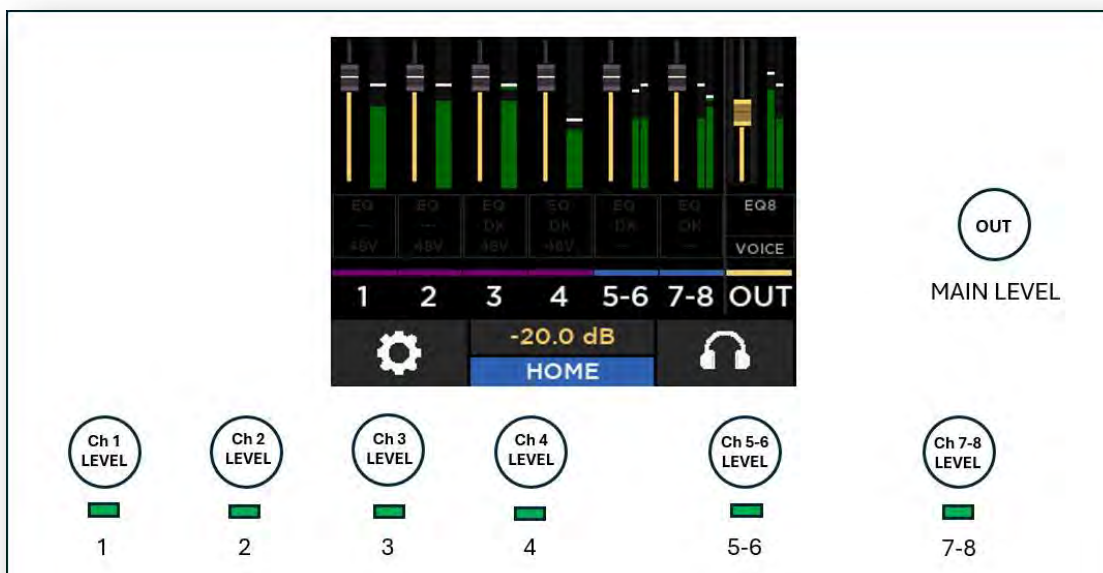
4 - **HEADPHONES**: it features all relevant controls for the headphone output section; this is explained in detail in the following chapters

5 – output settings quick summary: EQ8 on/off, selected speaker preset

6 – VU meters and level value for main output; it affects both the JMX9 and MIX OUT (intended for connection to an EVOX J9 for full stereo operation)

7 – information on current view and numeric value of last edited parameter

On this page, encoders are changing input channel levels and the main output level, as shown below.

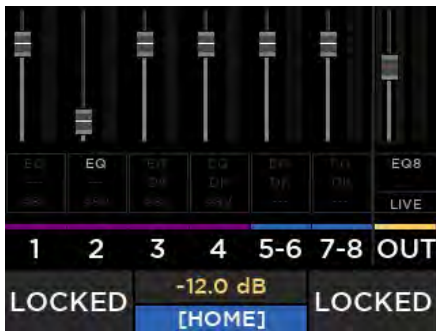


Channel LEDs: GREEN if input signal is present, RED if input signal is clipping, OFF if signal is below threshold.

Screen Lock

The onboard display and control surface can be locked to avoid unwanted parameter modifications.

Screen Lock can be toggled on and off by pressing and holding the MULTI KEY for 10 seconds. A countdown shows up on the screen.



When the screen is locked:

- The display returns to the HOME view
- VU meters are visible
- level controls are shown in gray and cannot be modified; if a fader is in mute, it is shown in dark red.

Please note that when the **app PIN** is enabled, the app automatically goes in Screen Lock mode; it can be removed with the same press and hold action on the MULTI KEY.

Main Output EQ View

The MAIN OUTPUT EQ can be accessed by pressing the MAIN LEVEL encoder.

A stereo, 8-band EQ section is available that affects both the local EVOX JMX9 and an EVOX J9 when connected to the STEREO OUT output XLR (located lower, on the amplifier panel).

Encoders are remapped as shown below:



Channel LEDs: active encoders are lit in YELLOW

The EQ on/off button, immediately below the OUT cursor, enables or disables the whole 8-band EQ section.

An EQ RESET function can be activated by touching and holding the EQ graph area; it resets all EQ parameter values to their default, with gain = 0 dB. If you turn on a specific band the FREQ parameter all anti-clockwise, the first value is **OFF**, which performs a bypass of that band.

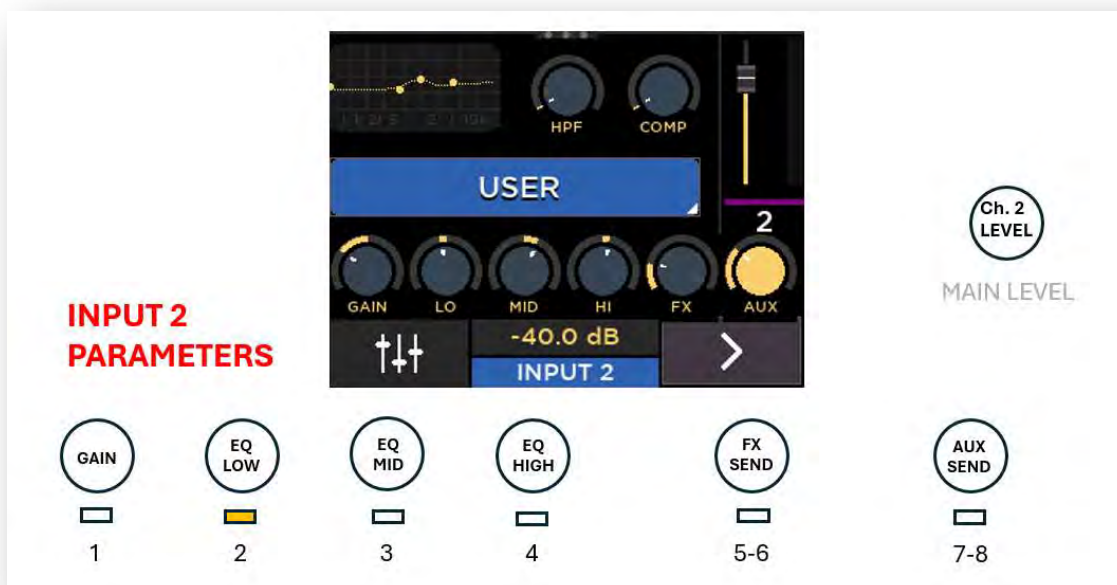
A total of 8 bands are available:

- Band [1]: LO SHELF
- Bands [2] – [7]: PEAK
- Band [8]: HI SHELF

For editing an input channel, it is sufficient to click on the encoder associated to that input channel: the Channel Strip Edit mode is now visible on screen.

Two views are available, and they can be reached with the lower rightmost button.

The input channel strip is also visible on the mixer metal panel and ties the 6 encoders to specific edit functions, as follows:



Channel LEDs: selected input channel is lit in ORANGE

Two additional controls are visible on the upper part of the screen; when selected via the touch interface, they can be edited with the main encoder. The MAIN LEVEL encoder is reassigned to input channel level.

The central box allows for a quick selection of EQ presets to rapidly match different use cases. The preset affects the HPF, 3-band EQ and the one-knob compressor. When no preset is chosen, or when a preset is manually edited, the USER text appears.

Available presets for inputs 1-4:

USER	Arbitrary values as entered by the user
SPEECH	
MALE SINGER	
FEMALE SINGER	
FLAT	All bands to 0 dB

When LO, MID or HI encoders are moved, the resulting EQ curve is zoomed out for 3 seconds to provide better visibility.

The second edit page can be accessed with the arrow on the lower right button, and shows preamp-specific settings:

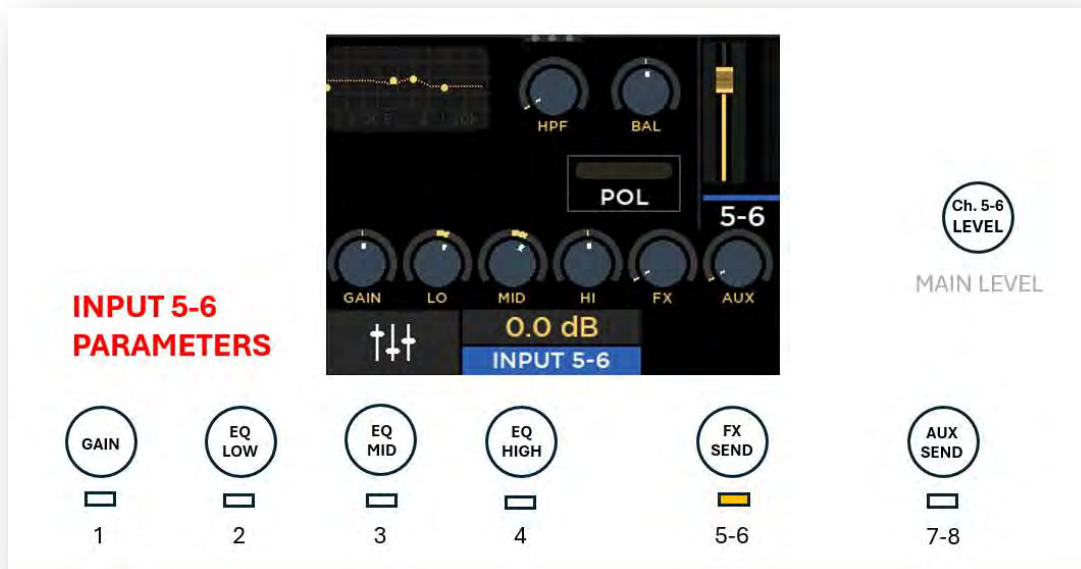
- Individual 48V on/off
- MIC/LINE sensitivity selection (it also varies input impedance)
- polarity

and the PAN control.



Input Channel Edit Views, ch 5-6 and 7-8

To edit a stereo input channel, it is sufficient to click on the encoder associated to that input channel. For these stereo line-only inputs 5-6 and 7-8, the EDIT page is very similar to channels 1 to 4, but all the available parameters are shown on a single view, without the preset entry. A dedicated EQ section (HP filter + 3-band EQ) is available.



Channel LEDs: selected input channel is lit in ORANGE

HP Output View

From the Home view, the lower right button jumps to the Headphone Output view, affecting the 3.5mm mini-jack connector on the mixer top, near the display. A 3-band EQ is available, along with a dedicated High-Pass Filter (HPF).

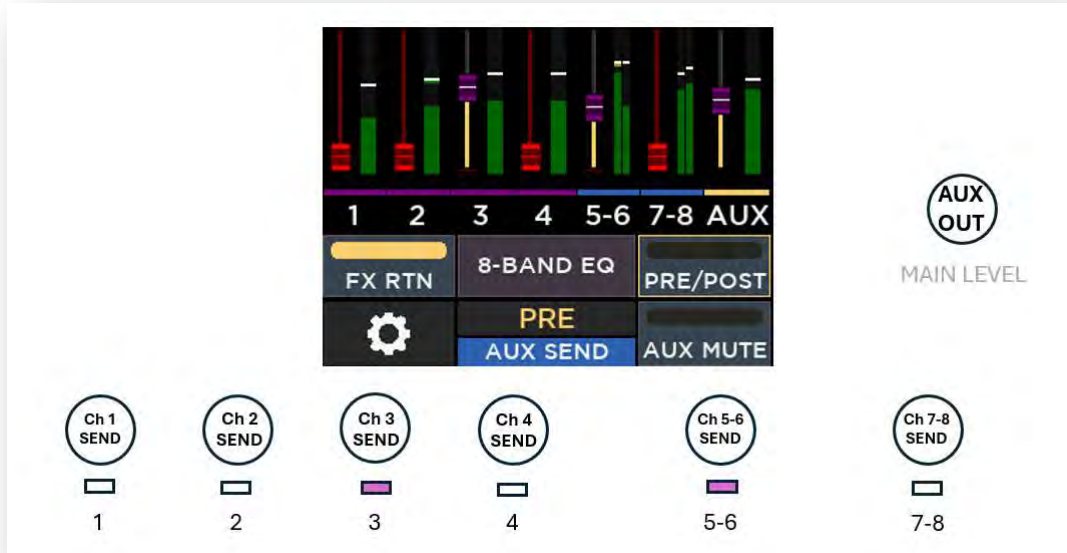


Channel LEDs: active encoders are lit in BLUE

AUX send

The AUX Send view can be reached either by swiping horizontally from the Home view, or via SETTINGS > AUDIO > AUX.

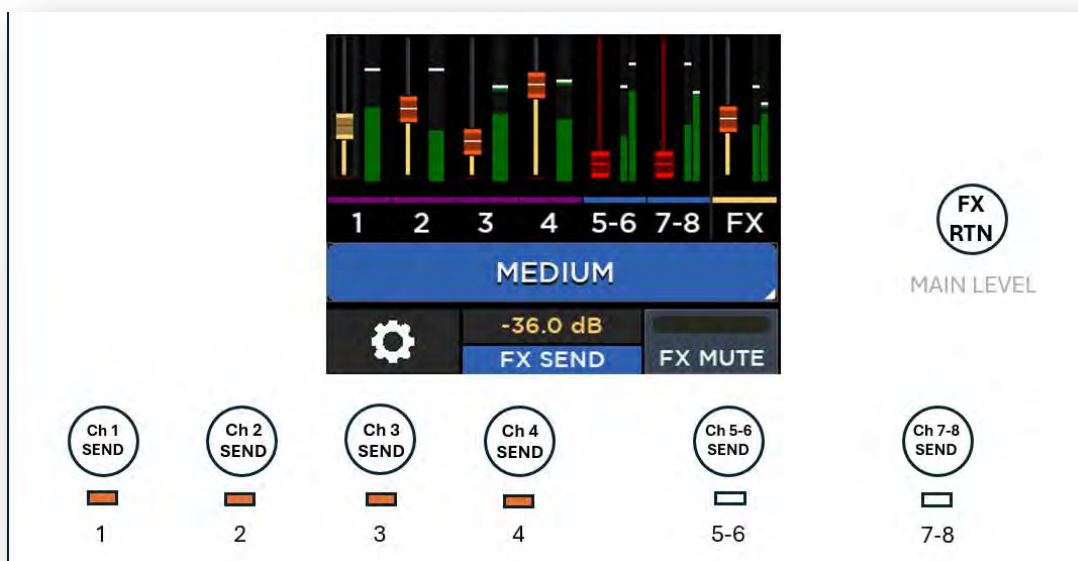
A mono Auxiliary Send is available, and it can be set as Pre-Fader or Post-Fader with the PRE/POST toggle button; the internal effect can be added to the AUX send via the toggle button FX RTN. An 8-band EQ is available, with controls and behaviour identical to the MAIN OUTPUT 8-band equalizer. An output MUTE is also available; please note that the Main Aux output cannot be muted with a long press of the main encoder.



Channel LEDs: VIOLET if AUX Send is more than zero, OFF otherwise

FX send

The FX Send view can be reached either by swiping horizontally from the Home view, or via SETTINGS > AUDIO > FX. Three Reverb options are available: Small Reverb, Medium Reverb, Large Reverb. An output MUTE is also available; please note that the Main FX output cannot be muted with a long press of the main encoder.



Channel LEDs: ORANGE if FX Send is more than zero, OFF otherwise

Appendix A – Block Diagram

