GETTING KNOW YOUR FORUM IP CONTROL PANEL

There are two different areas on the Forum control surface:

- **CONTROL AND MONITORING MODULE** which is normally located to the right.
- **FADER MODULES** (control the audio channels -each module includes 4 faders) and
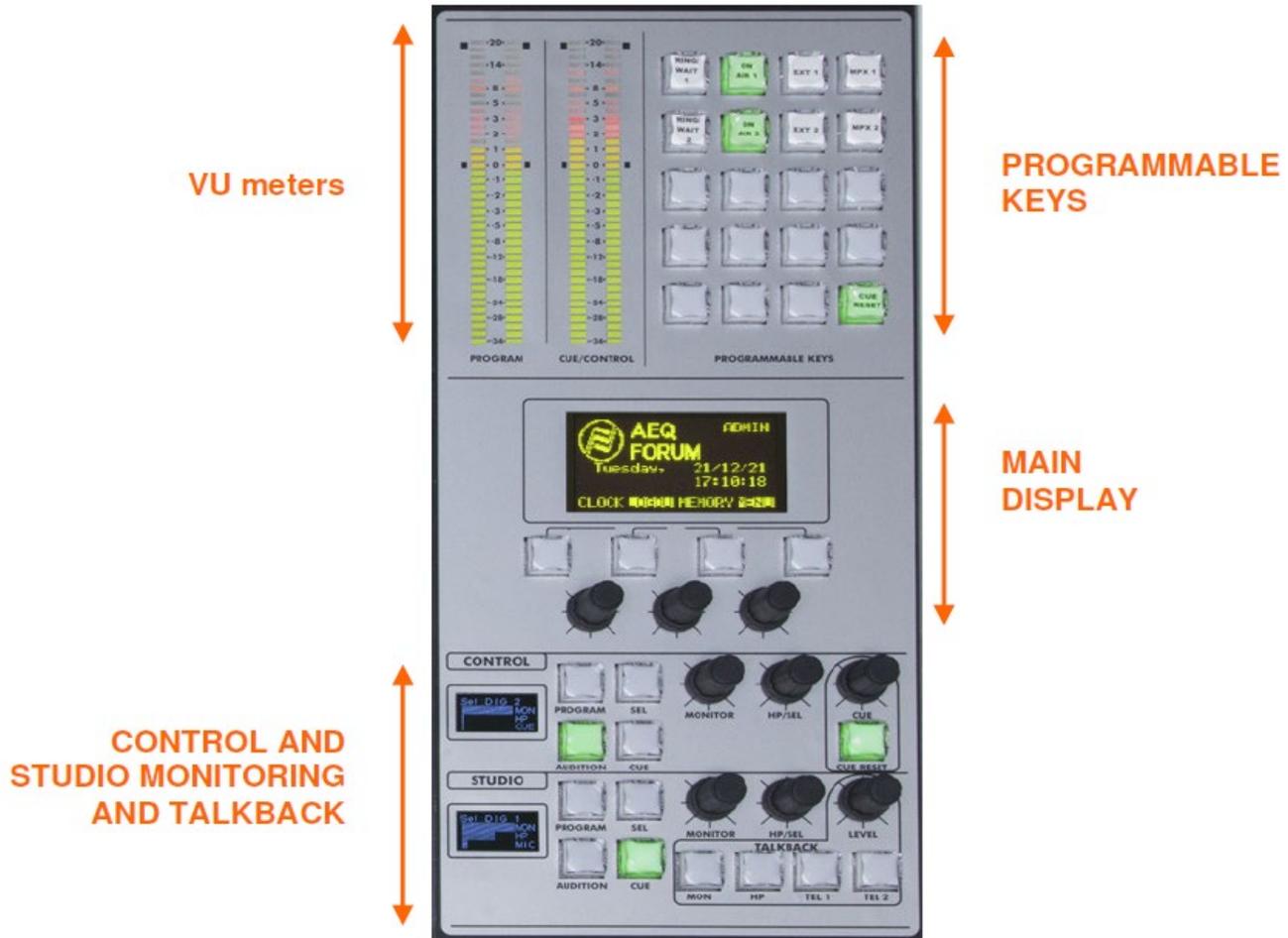

CONTROL AND MONITORING MODULE

The control and monitoring section (C&M) of the control surface is usually located to the right. This section enables the overall management of the signals on the system, including routing and control processes, as well as monitoring of the signals used in developing the final program, by means of the VU-Meters, and CUE control.

This control and monitoring section is divided into four main areas:

• **Control VU meters**: allows you to monitor visually the level of the audio signals from the master output and the CUE bus (or the control monitoring bus, when there are no channels sent to CUE).

• **Programmable keys**: dedicated buttons with special functions defined through the configuration software.

• **Main screen**: it displays the internal menus. This section also incorporates contextual keys and encoders.

• **Studio, Control and Talk-back monitoring**: where you can manage the audio signals sent to the headphones and speakers, for the control room and the studio room, as well as the talk-back functions for the intercom for both areas.

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VU meters

PROGRAMMABLE KEYS

MAIN DISPLAY
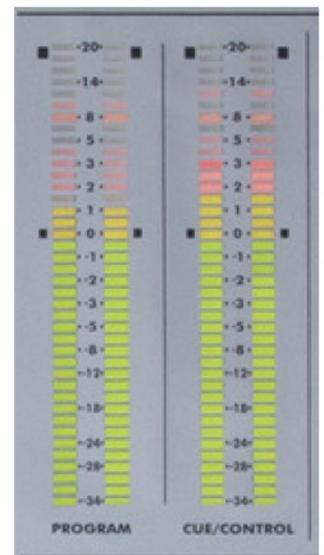
CONTROL AND STUDIO MONITORING AND TALKBACK

Control VU meters.

There are two 40 segment LED stereo VU meters. The left one shows the Program output and the right one the CUE bus (or the control monitoring bus, when there are no channels sent to CUE).

From left to right, the first 25 LEDs are green, followed by an area of 5 yellow LEDs to finish with an area of 10 red LEDs. 0dB point or nominal value corresponds to the yellow LED adjacent to the first red LED.

Both VU meters are set to function as IEC268-10: 5ms/-2dB (vu-meter only) and the peak-meter IEC268-17: 300 ms (vu-meter & Flying PPM) superimposed.

NOTE: OPTIMAL IS ALL GREEN WITH A BIT OF ORANGE. RED MEANS GETTING TO MUCH

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PROGRAMMABLE KEYS

The Control and Monitoring area of the AEQ FORUM IP includes 20 programmable keys in 5 rows of 4 columns. These programmable keys can be configured through software to perform specific functions such as salvos, GPI, GPO, external codecs control.

The programmable keys will select preset Snapshots*.

Common Snapshots include:

- **Studio switching**
- **OB Talkback**
- **TT or CD selection**
- **Reset**

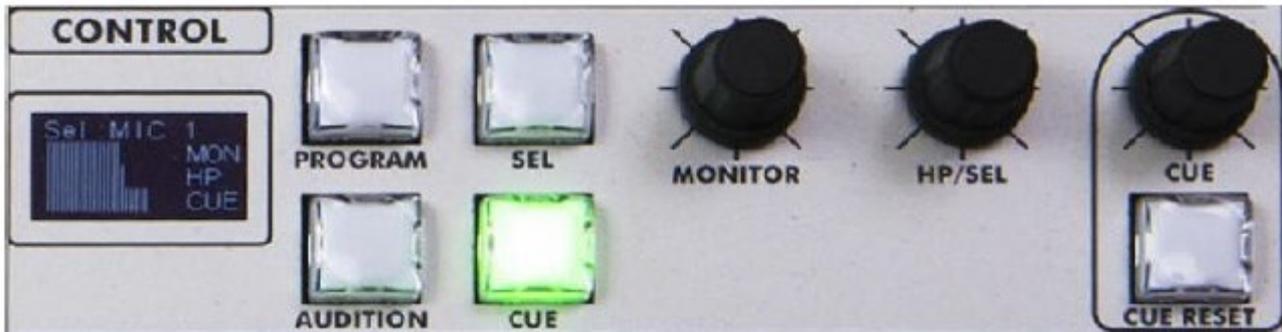**(*These are configured by Broadcast Components)**

MAIN SCREEN

The main screen is a two-coloured OLED (yellow/black) 128x64 pixel resolution display, that shows the entire internal advanced menu of the console. To simplify operations in the internal menu shown on this screen there are four short-cut keys and three associated rotary encoders. Depending on the information shown on the last line of the menu screen visible on the main display, these short-cut keys will have a function or another.
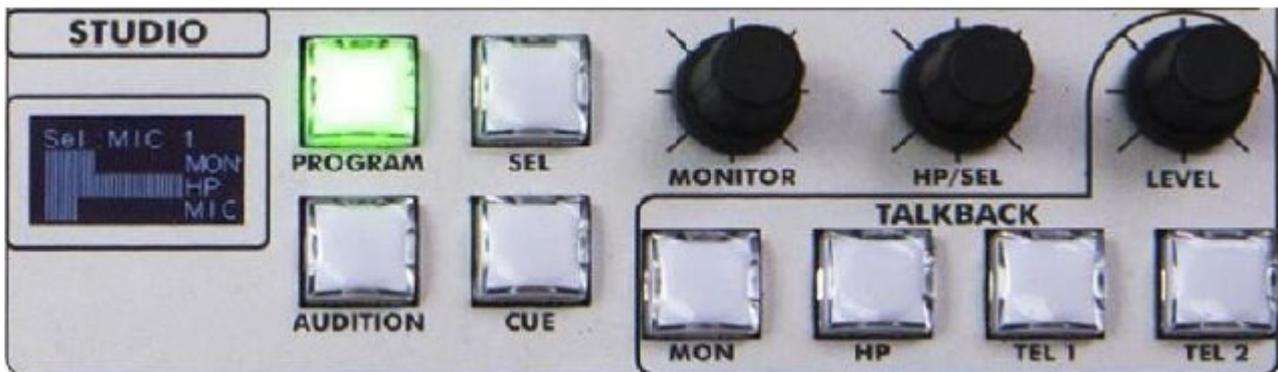
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CONTROL ROOM MONITORING SECTION.

This section is not used. Please ensure that Program button is selected.

STUDIO ROOM MONITORING SECTION.

The two rotary encoders, from left to right, are:

- **MONITOR**: it controls the audio level for the physical output for the studio room monitors. To decrease the level, turn the encoder to the left. To increase the level, turn the encoder to the right.
- **HP/SOURCE**: it controls the audio level for the physical output for the studio headphones. To decrease the level, turn the encoder to the left. To increase the level, turn the encoder to the right. This encoder can also be used to select the signal to monitor associated with the key "SEL": press to access a list of signals and turn the encoder to move up or down in the list of signals; pushing the encoder a second time confirms the selection of the highlighted signal.

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The four keys at the right of the display, from top to bottom and left to right, allows to select the signal to monitor on studio speakers and headset, from left to right:

- **PROG**: allows you to monitor the audio signal Program.
- AUD: allows you to monitor the audio signal Audition (Not used)
- **SEL**: allows you to monitor any signal of the console previously selected by means of "HP/SOURCE" encoder.
- **CUE**: allows you to monitor the audio signal present on the CUE bus.

NOTE:

WHEN SELECTING **PROGRAM** – YOU WILL HEAR THE AUDIO COMING FROM THE **STUDIO** YOU ARE IN

WHEN SELECTING **SEL** – YOU WILL HEAR WHAT IS CURRENTLY **ON-AIR**.

WHEN SELECTING **CUE** – YOU WILL HEAR WHATEVER HAS BEEN PLACED ON **CUE**.

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