

A person is seen from behind, sitting at a large mixing console in a recording studio. The room is dimly lit with warm, orange-toned lights. The person's hair is dark and curly. The mixing console has many buttons and sliders. In the background, there are some racks of equipment and a window with red curtains.

The Compact Line

Networked Metering and Control

Networked Metering and Control



TouchControl 5



TouchMonitor 5

Compact Line

Background What is it?

- Audio Network: Dante® or Ravenna® versions
AES67 / ST2110, NMOS
- Truly Immersive with support for ultrachannel formats such as Dolby Atmos
- Monitor Control, Metering, Tools
- Come fully loaded with RTW's trusted, loudness-compliant metering
- Networked setup and control while fully operational in stand-alone mode

Compact Line

Background Who is it for?

- Facilities with Network-based Infrastructure
- Broadcast
 - Live production
 - Ingest
 - Post Production
- Producers & Studio Engineers
- Radio

Compact Line

Features

Web Browser Control

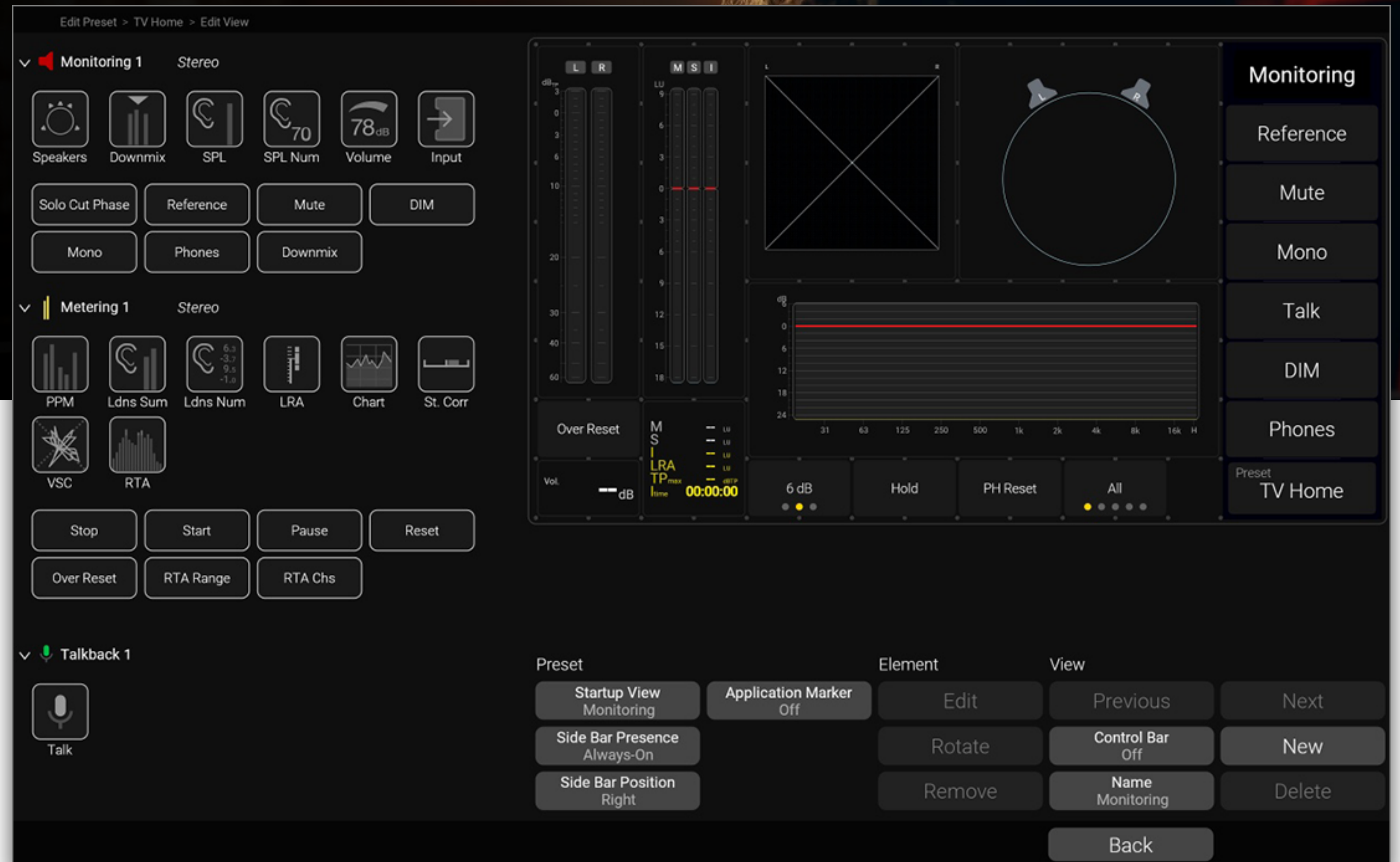


Compact Line

Features

Customize Your View

- Placement
- Size
- Rotation
- Multiple views



Compact Line

Features
Simple

Monitoring

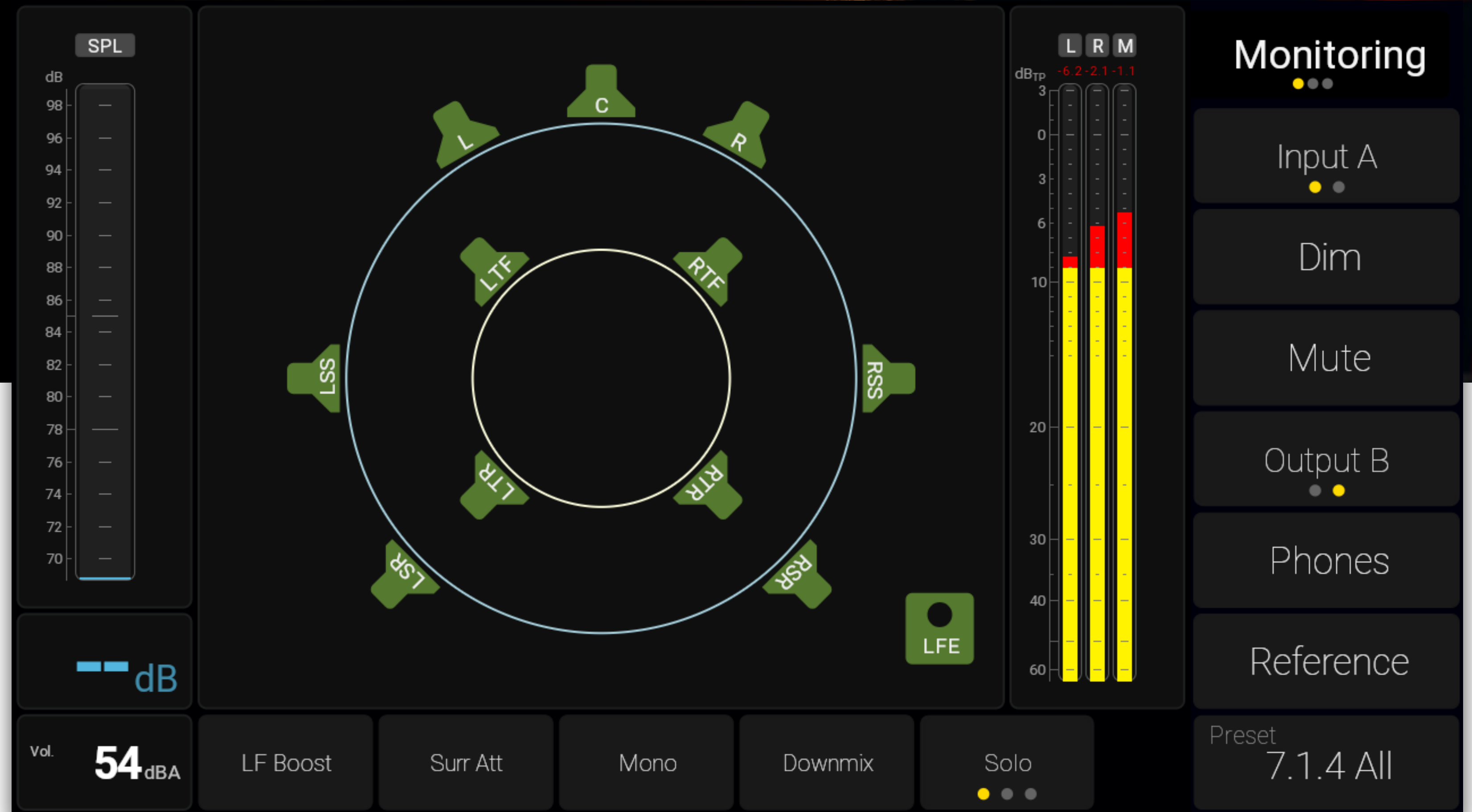
Vol. **67** dB

Preset
Simple Stereo

The image shows a digital monitoring interface. At the top, the text 'Compact Line' is displayed. Below it, a large white circle represents a stereo field. Two green speaker icons are positioned at the top of the circle, labeled 'L' (Left) and 'R' (Right). To the right of the circle, the word 'Monitoring' is written. Below that, a volume indicator shows 'Vol. 67 dB'. At the bottom right, a preset selection box shows 'Preset Simple Stereo'. The background of the interface is dark with a subtle red light effect on the right side.

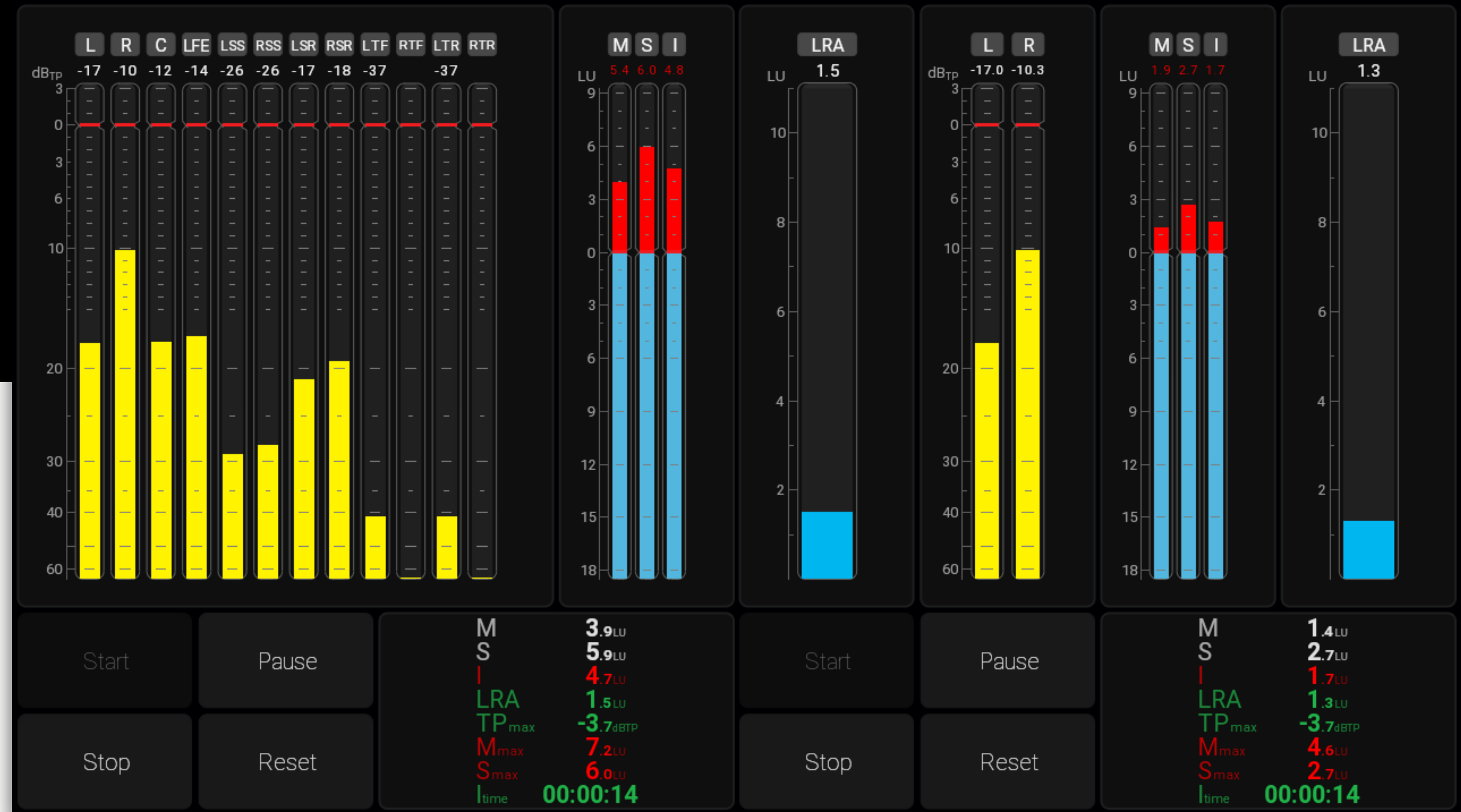
Compact Line

Features Atmos



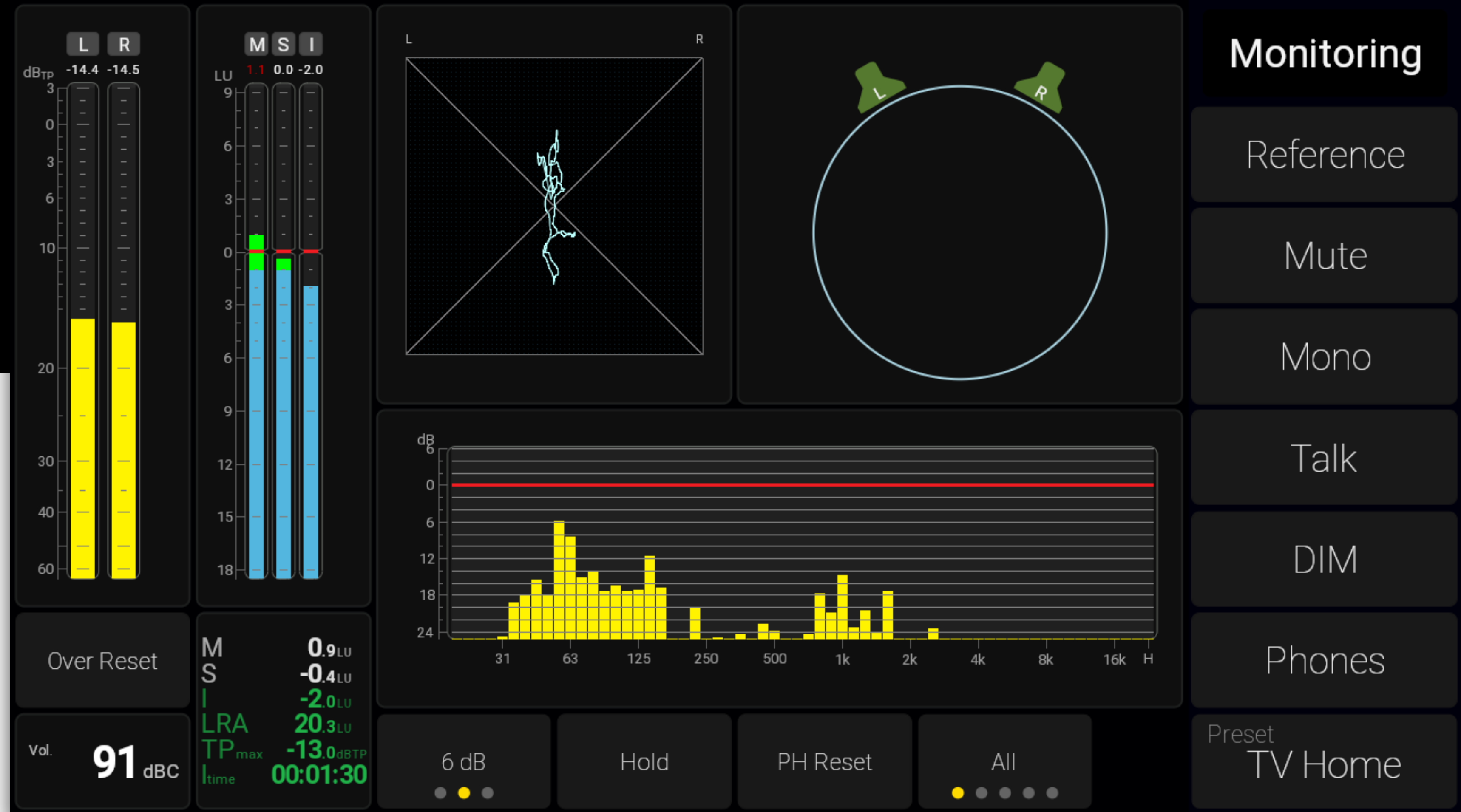
Compact Line

Features Metering



Compact Line

Features Combination



Compact Line

Features

RTW Metering Inside



- RTW Metering, known from the TouchMonitor Series
- Always Reliable. Always Flexible. Always Compliant

Compact Line

Features Loudness

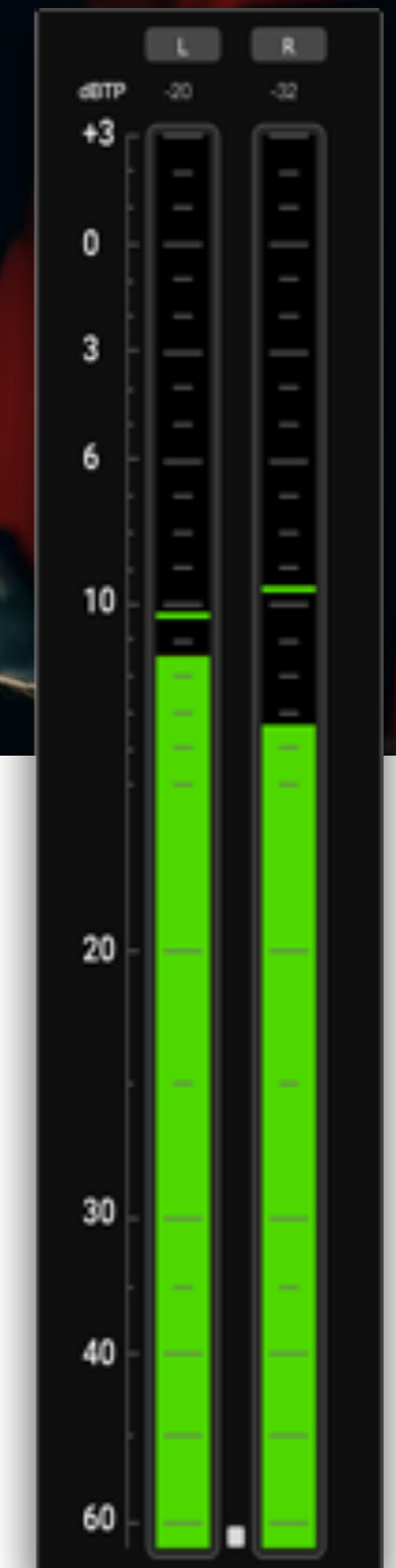
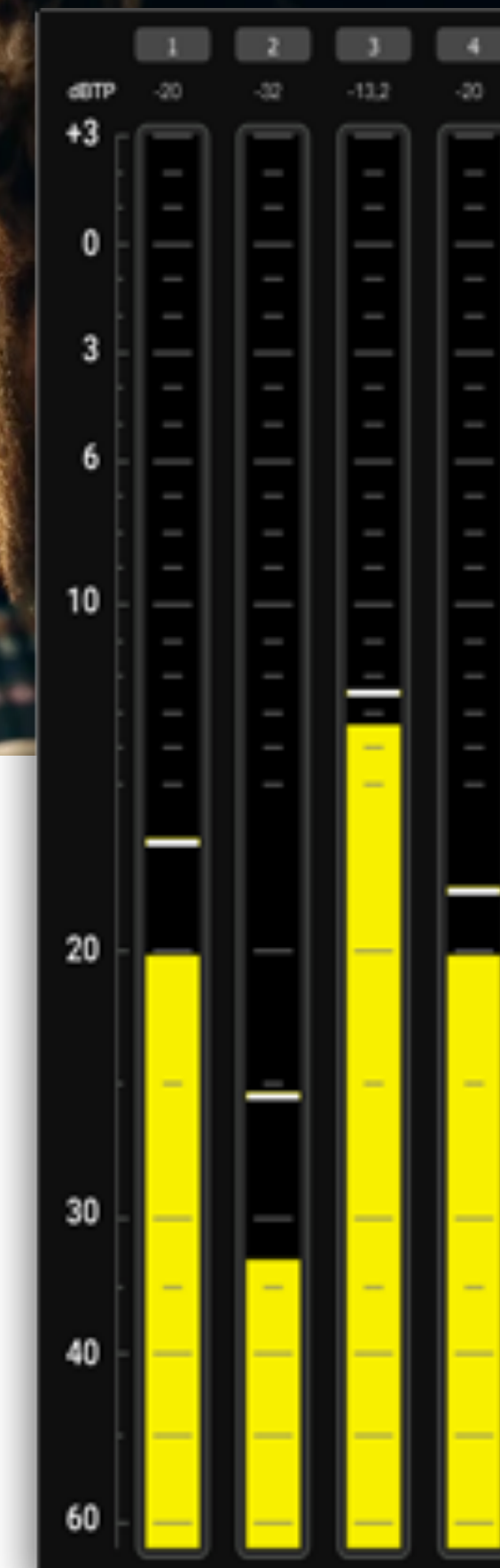
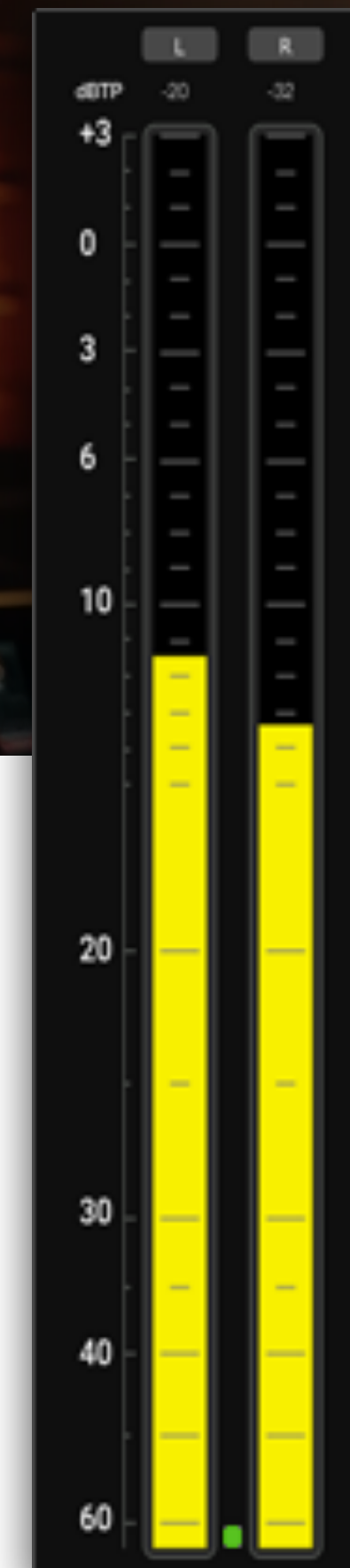
- Full implementations of the latest loudness standards and recommendations: EBU R128, ITU-R BS.1770-4/1771-1, ATSC A/85, ARIB, OP-59, AGCOM, CALM, LEQ(M), TASA, SAWA
- Bargraphs for summed Loudness with Momentary, Shortterm, Integrated values
- Numerical display of all relevant values like M, S, I, LRA, TPmax, Mmax, Smax, Itime
- LRA Instrument



Compact Line

Features PPM

- Any feature that any broadcaster has ever asked for in the history of metering :-)
- Scale Marker
- Operation Range
- DC filter
- Spot Correlator
- Integration Time
- Custom Colors



Compact Line

Features
More...

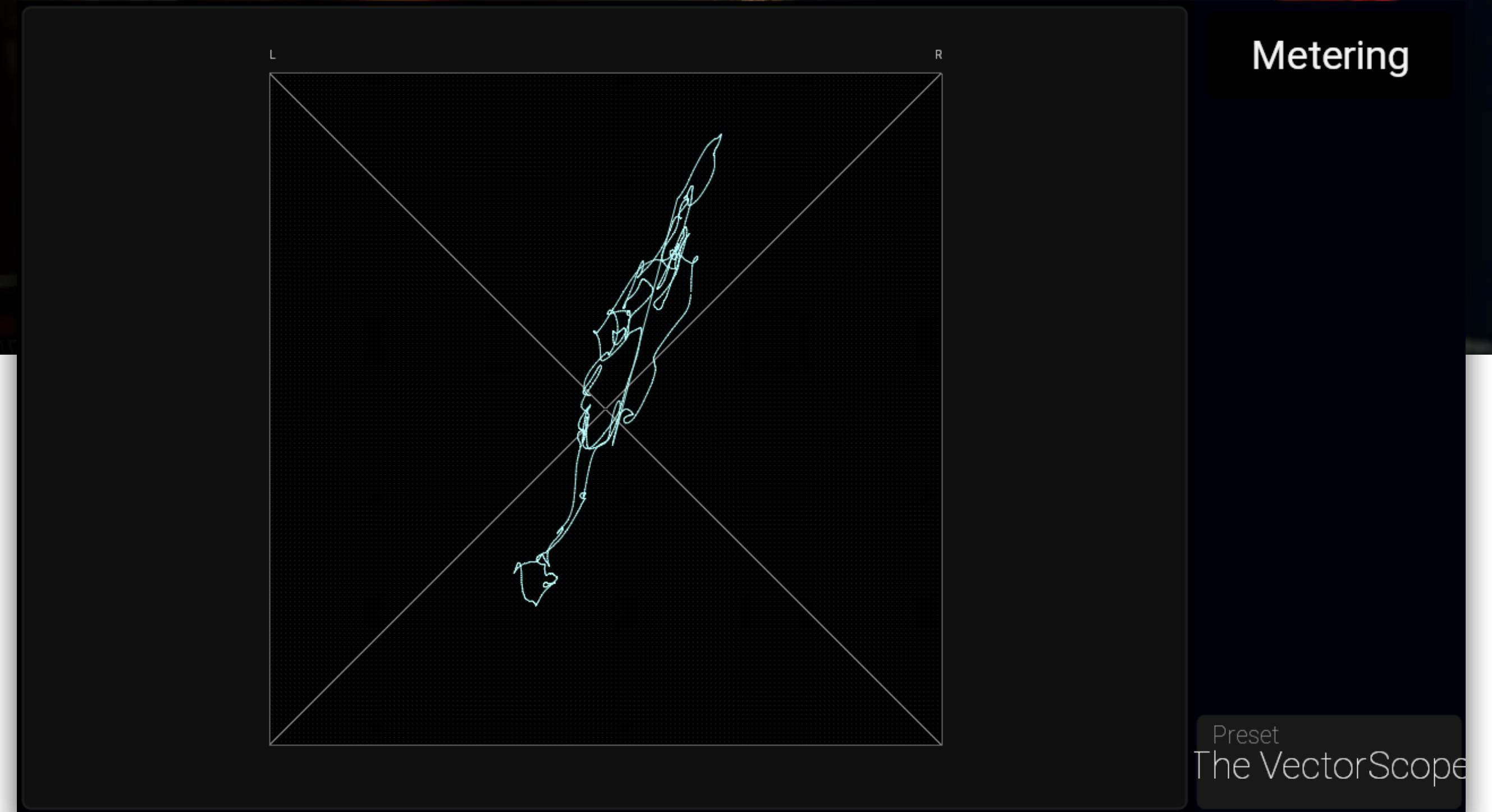
- Moving Coil / British VU



Compact Line

Features
More...

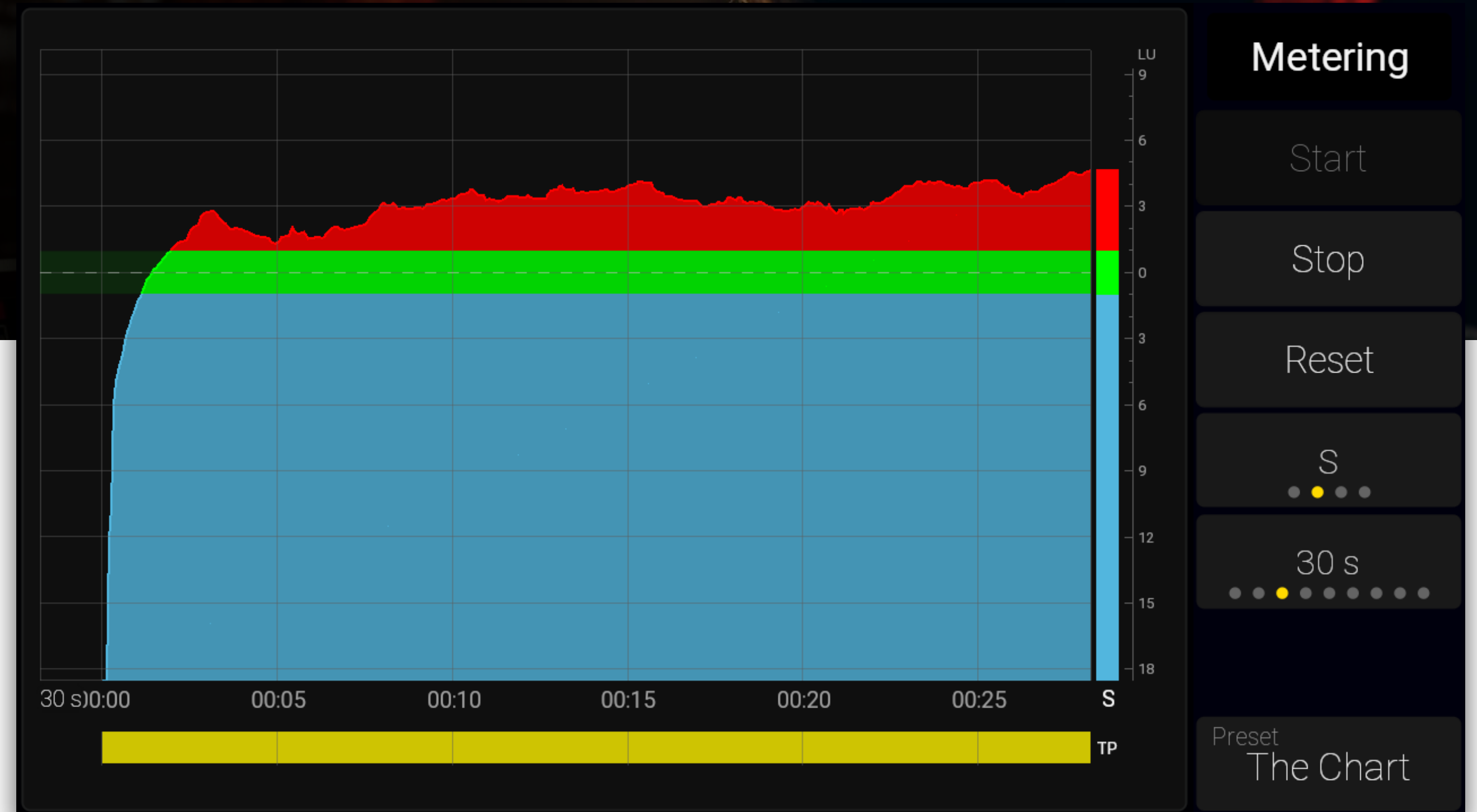
- Moving Coil / British VU
- VectorScope



Compact Line

Features
More...

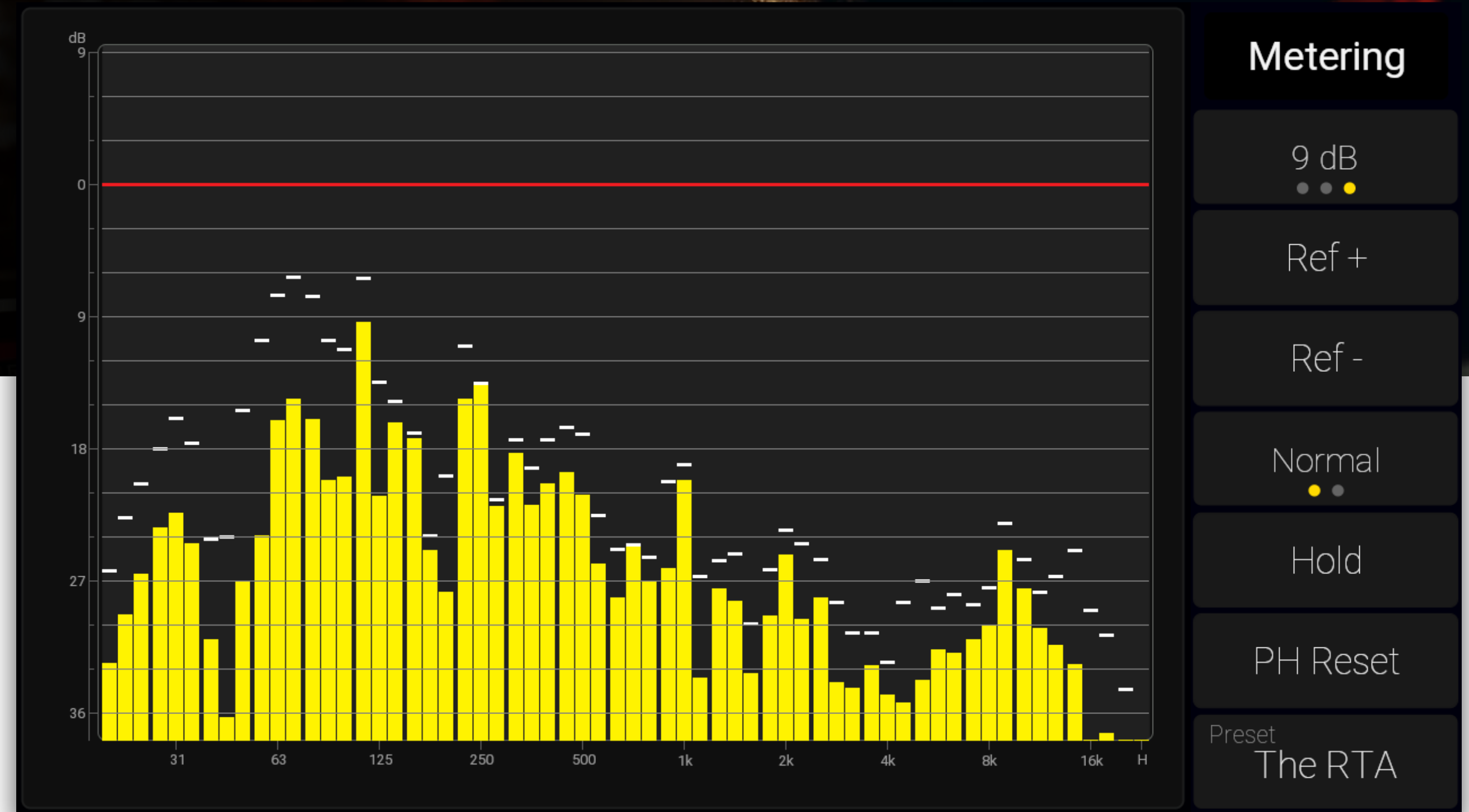
- Moving Coil / British VU
- VectorScope
- Loudness Chart



Compact Line

Features More...

- Moving Coil / British VU
- VectorScope
- Loudness Chart
- Realtime Analyzer



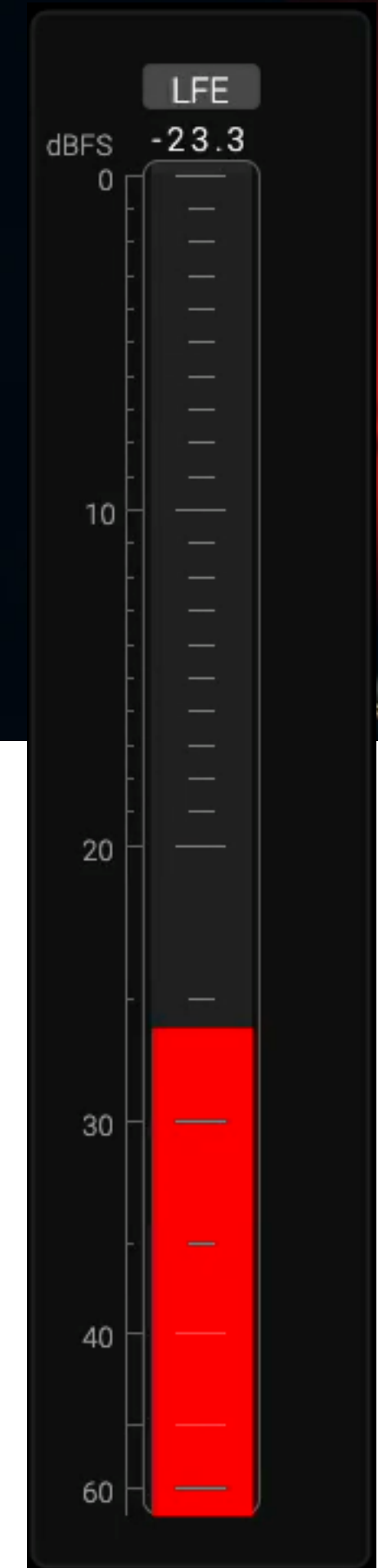
Compact Line

NEW

Features

New: LFE Bleed

- Avoid high frequency content in your LFE Channel
 - Monitors energy above a defined threshold (120 Hz by default) with a compact dBFS bargraph, highlighting any leakage into the LFE channel(s).
 - Recommends limiting the LFE frequency range to maintain compatibility and avoid distribution problems.
 - Ensures that unwanted high-frequency content is not present in the LFE channel(s), preventing playback issues across encoders and binaural formats.



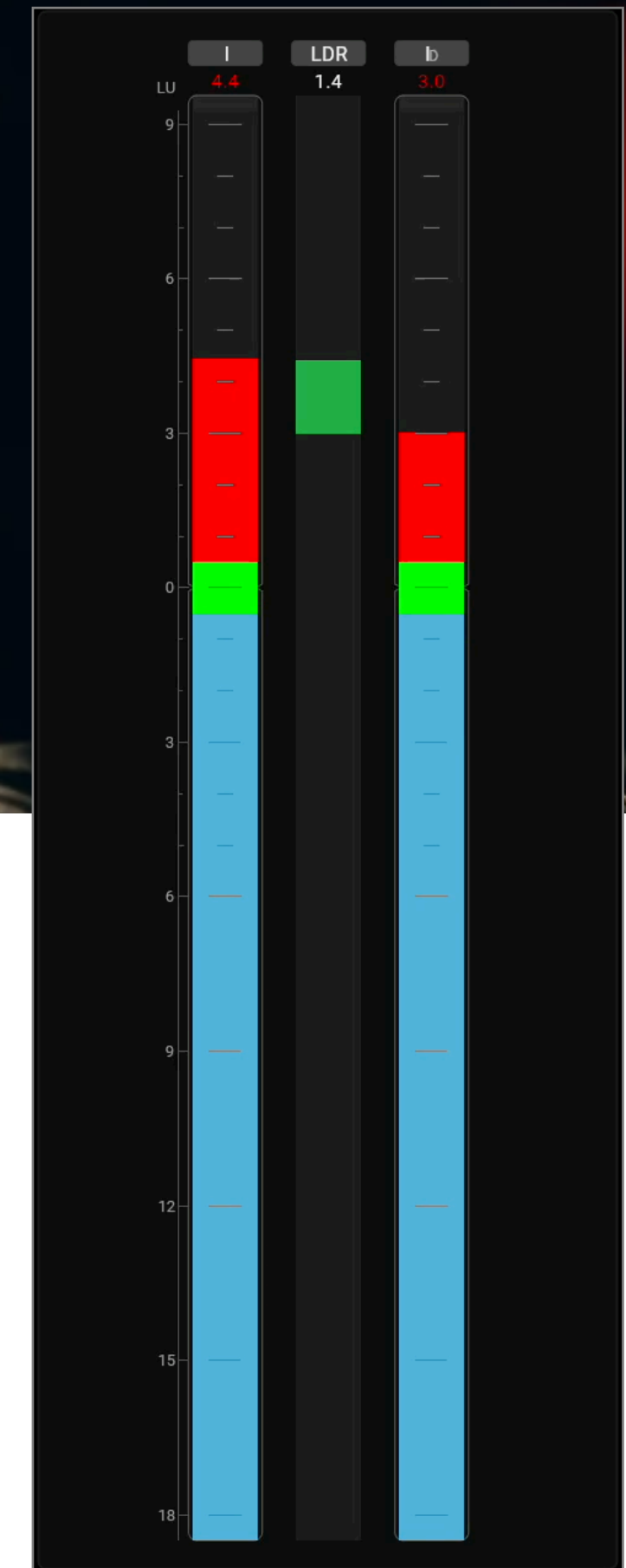
Compact Line

NEW

Features

New: The Ratio Instrument

- Keep an Eye on the Dialogue Ratio
 - Displays the ratio between two measurements, enabling precise evaluation of ratio and consistency.
 - Supports key use cases such as Loudness-to-Dialog Ratio (LDR) and Background-to-Dialog Ratio (BDR) within a single source.
 - Compares loudness across different sources or renderings (e.g., pre/post processing, immersive vs stereo), revealing the impact of processing and format changes



NEW

Features

Action Instrument & OSC

- Support for Open Sound Control
 - Create customizable buttons with user-defined size, position, and color.
 - Trigger actions via Open Sound Control (OSC over TCP/UDP) or HTTP.
 - Two-way OSC: TMxCore also reacts to incoming commands such as preset recall, loudness control, reference level, and mic gain.
 - Actions is integrated in current buttons (Mute, Dim, etc.), too

Recall Scene 1

Reset All

Dim Lights

A person is seen from the back, sitting at a mixing console in a recording studio. The room is dimly lit with a warm, orange glow from a spotlight above. The mixing console has several monitors displaying audio waveforms and levels. The person's hair is dark and curly. The overall atmosphere is professional and focused.

TouchControl 5

Metering meets Monitor Control

User-Configurable 5" Touch Display

Integrated, Calibrated Microphone for Talkback and SPL Measurement

Level Control with User-Definable Key Functions



Features

Rear

Studio Grade Microphone Input with 48v

Analog Line Outs for External Speakers



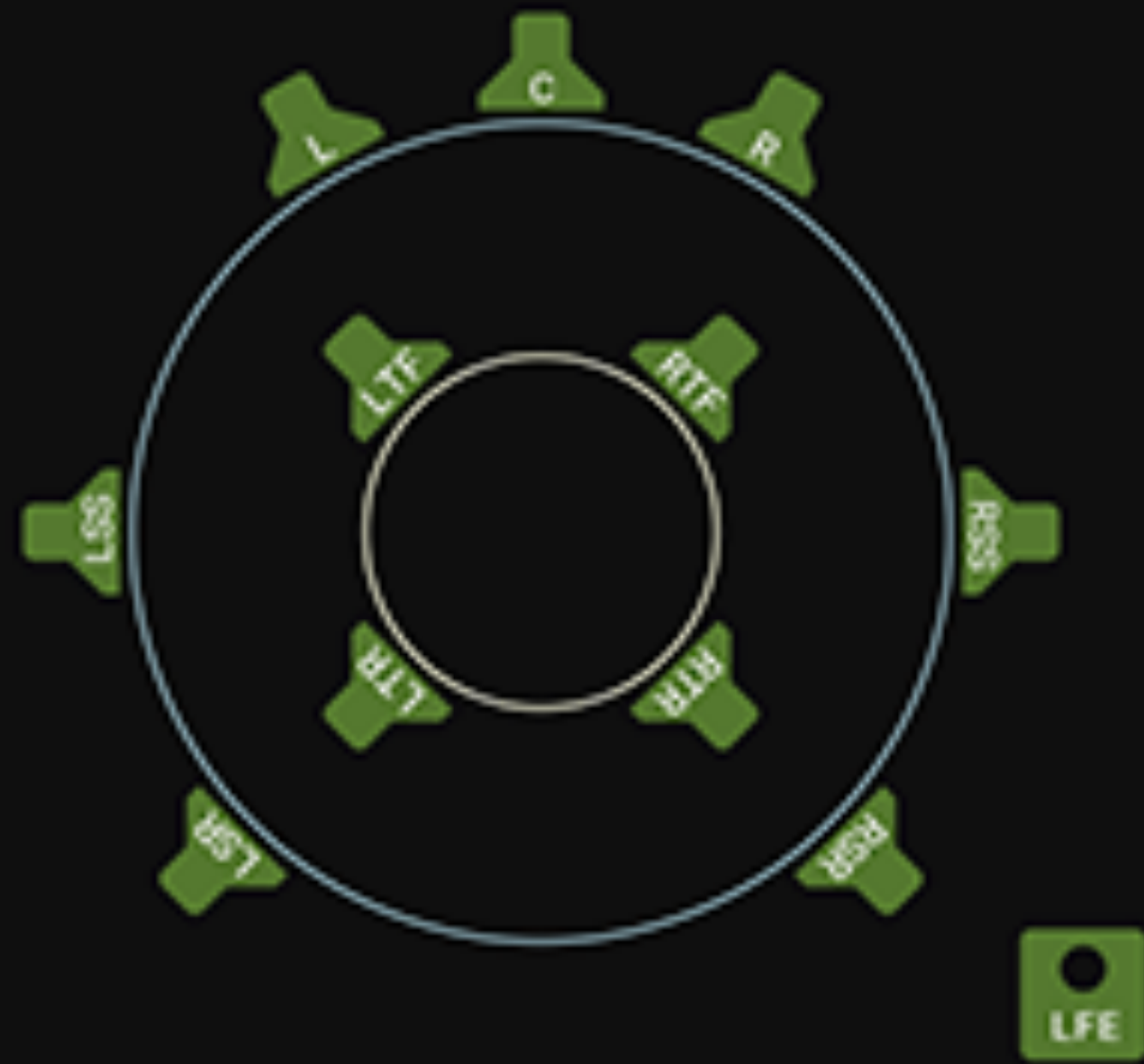
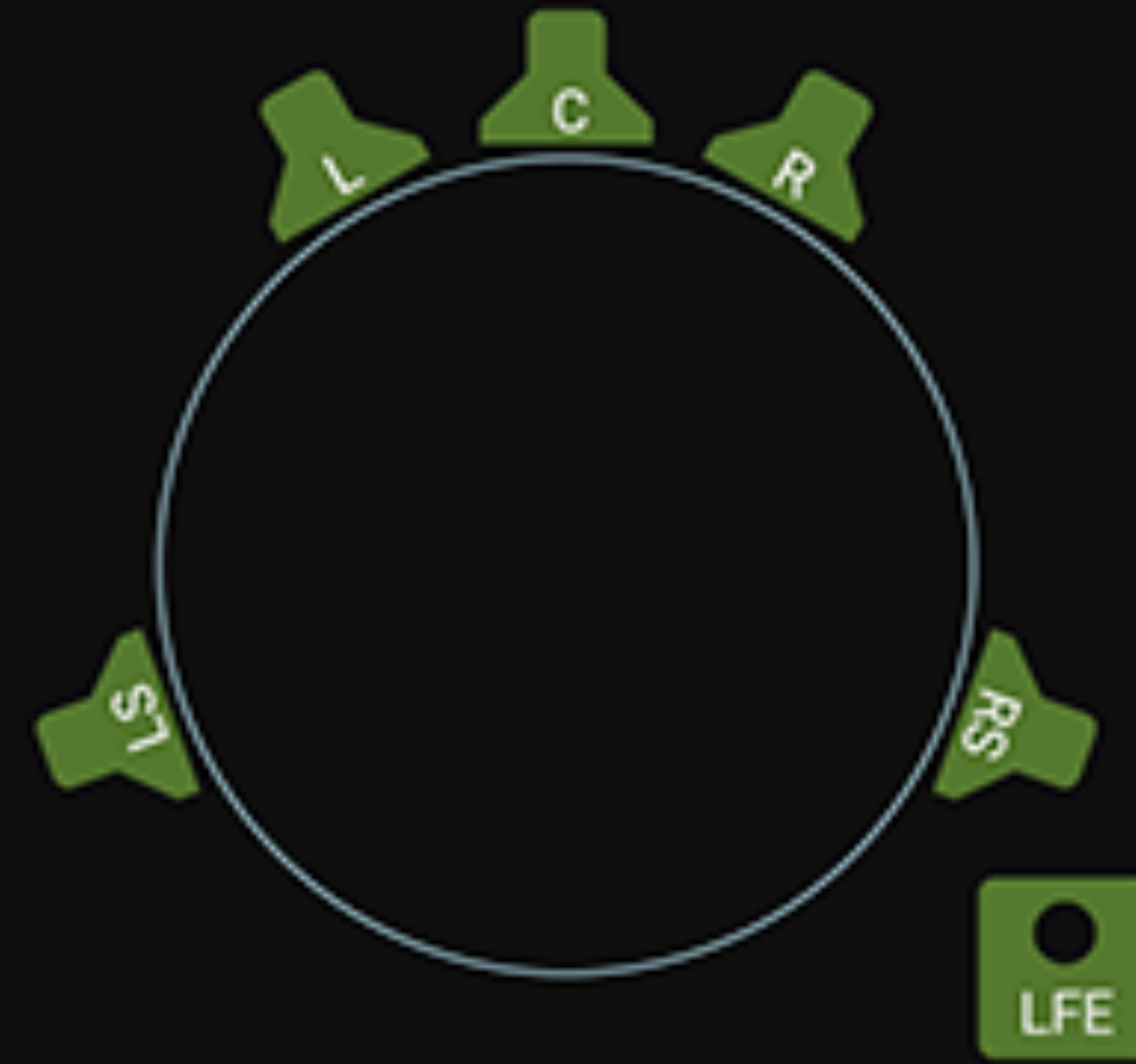
Audio over IP
Power over Ethernet

Studio Quality Headphone Outputs

TouchControl 5

Ultra Channel

From stereo, over surround to immersive



SPL
74.2

L R M
-7.2 -2.5 -1.5

Monitoring

Leveling

Metering

- Solo
- Cut**
- Phase

Phones

Talk

Preset
7.1.4 + SPL

74 dB

Vol. **78** dB

Input A

Mute

Dim



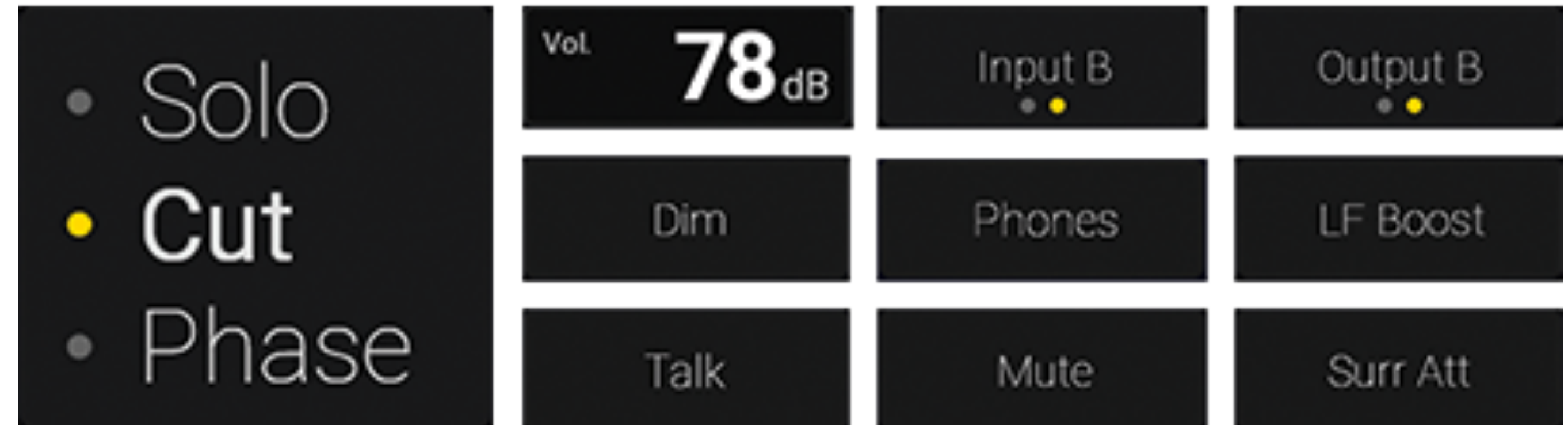
TouchControl 5

TouchControl 5

Features

Monitor Control

- Solo, Cut, Phase
- Mono, Dim, Mute
- Phones, Talk
- Low Frequency Boost (+10dB)
- Surround Attenuation (-3dB)
- Input and Output Selector

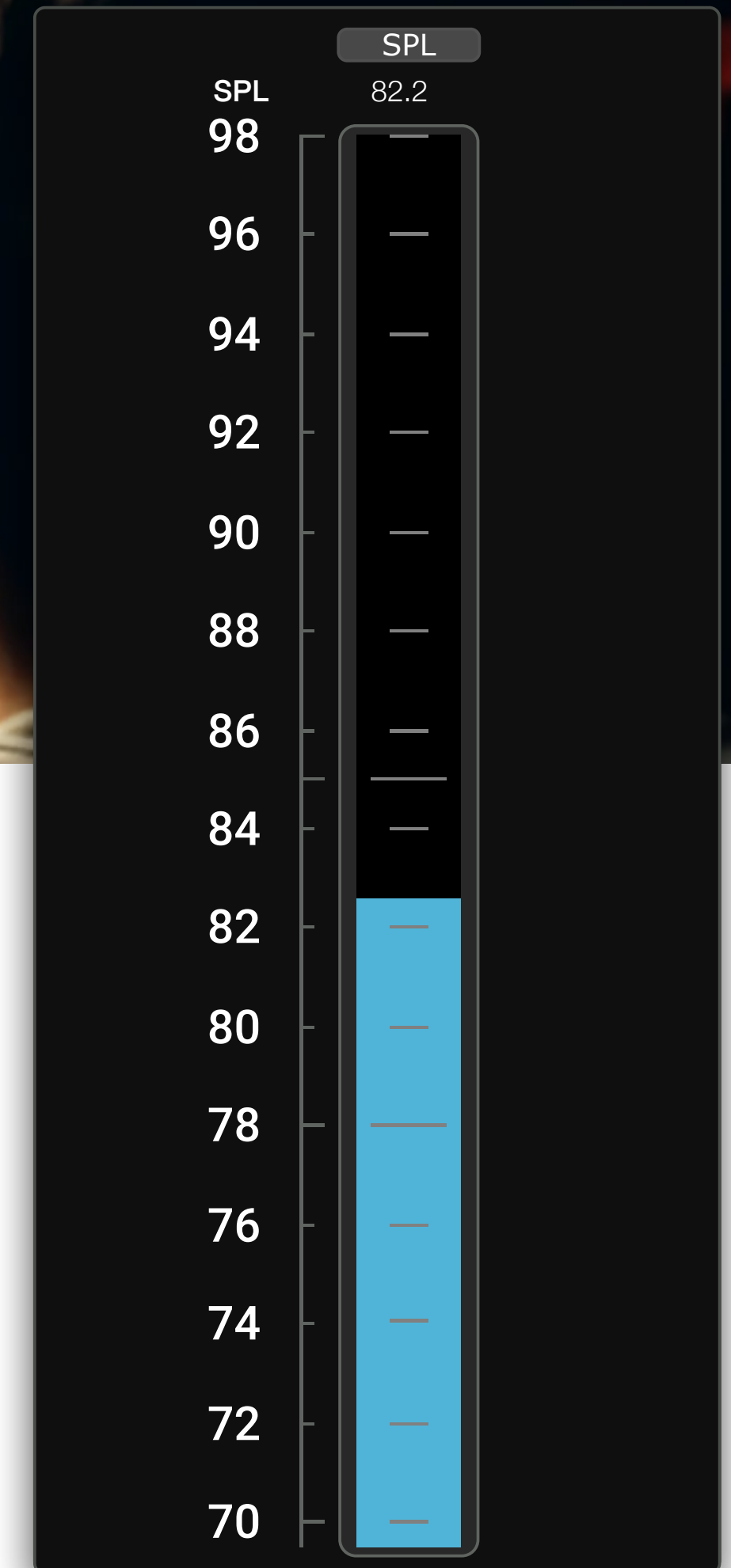


TouchControl 5

Features

SPL Measurement

- SPL Readout
- Based on MIC, XLR or Measurement



TouchControl 5

Features

Bass Management

- Variable Frequency and Send Level Per Speaker
- Overall Sub Level
- Support for Dual Bass Management SUBs
- Phase Safe Mode



TouchControl 5

Features EQ

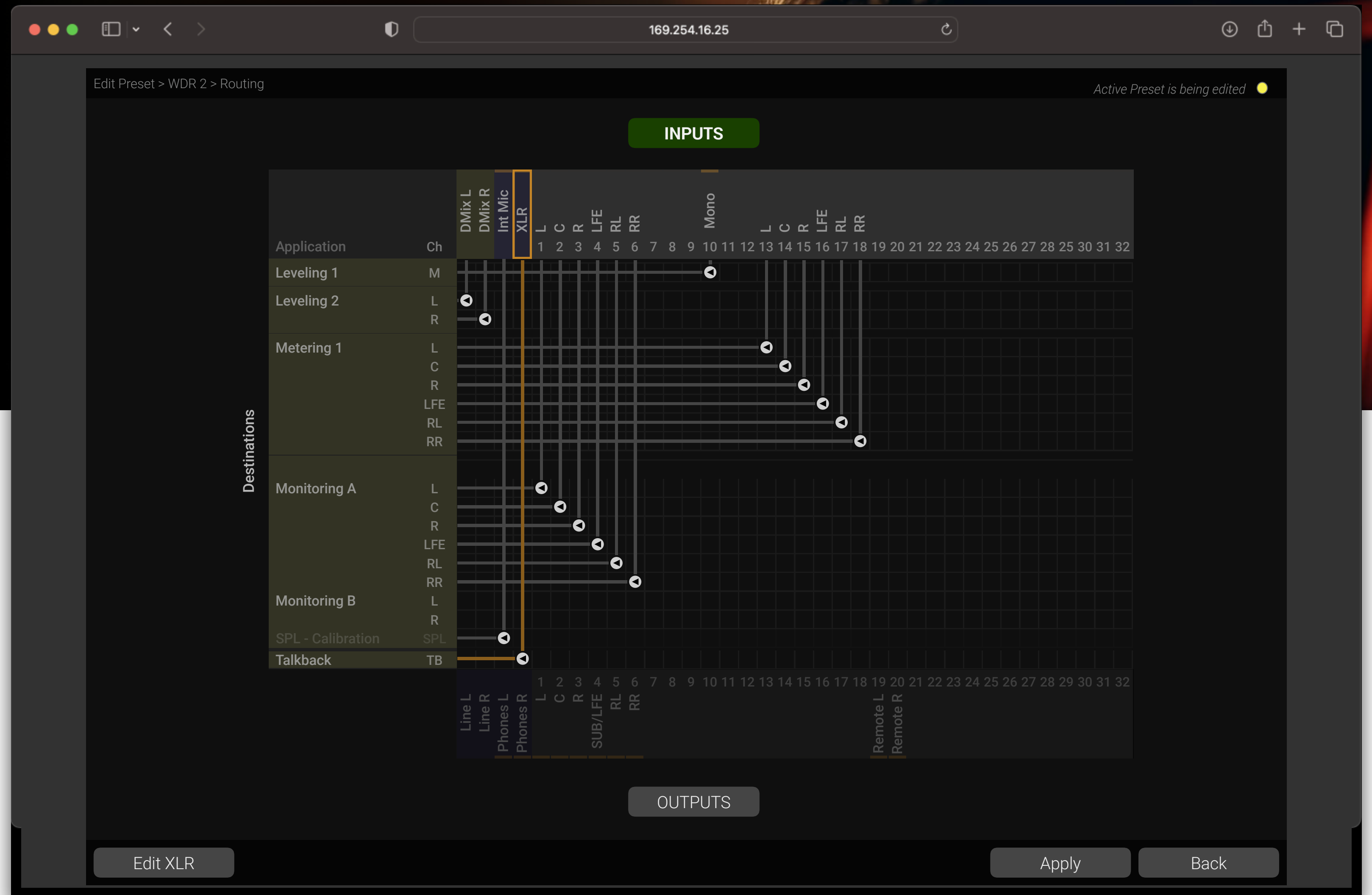
- 8 Band EQ
 - Peak, Low Shelf, High Shelf, Low Pass, BandPass, High Pass, All Pass 2nd Order, All Pass 4th Order, Notch
- Per Speaker
- Dolby Music Curve



TouchControl 5

Features Talkback

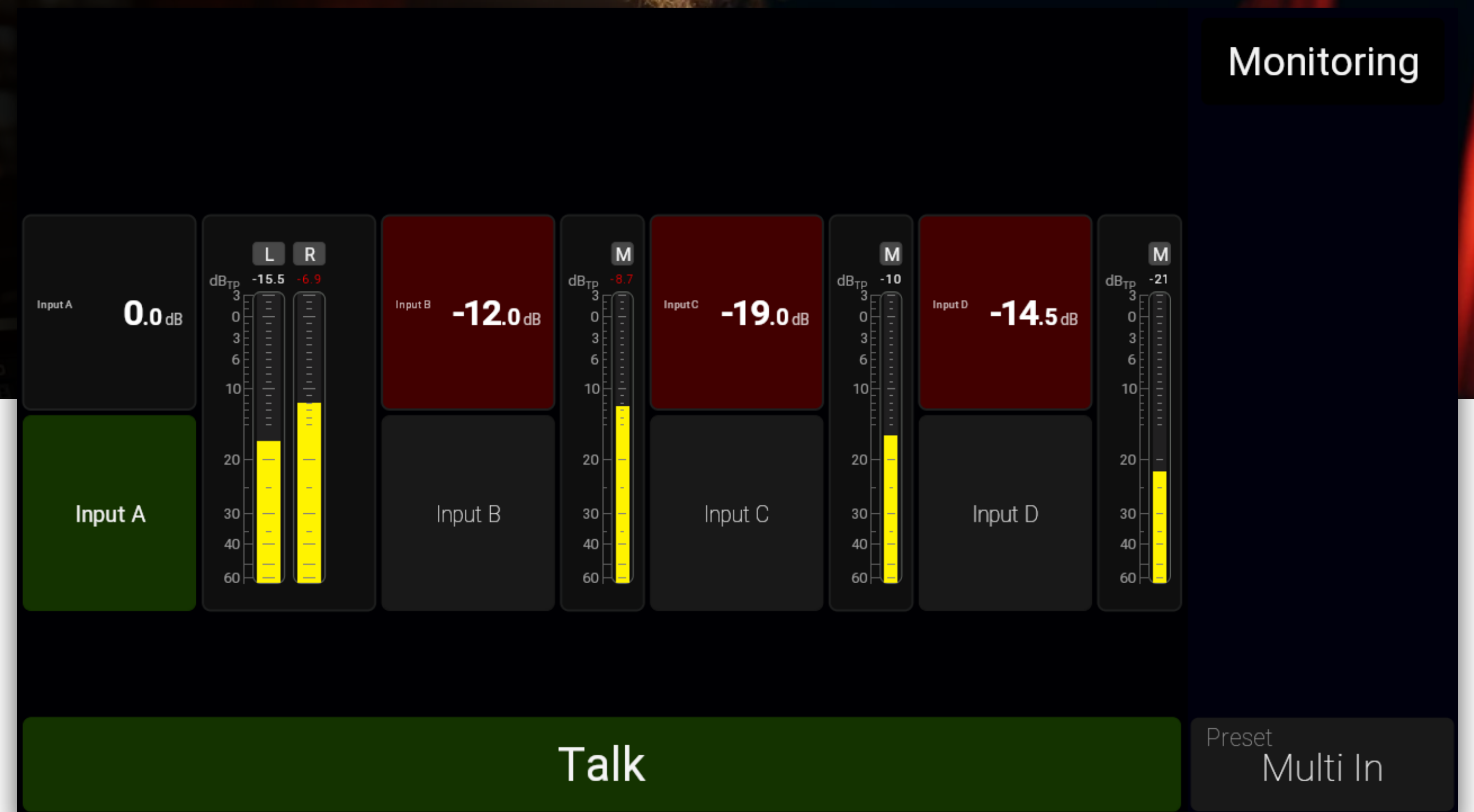
- Talkback
Built-in
External XLR



TouchControl 5

Features InterCOM

- Users of multiple TouchControl 5's in the network can communicate
- Input Control Instrument
- Mute, Level

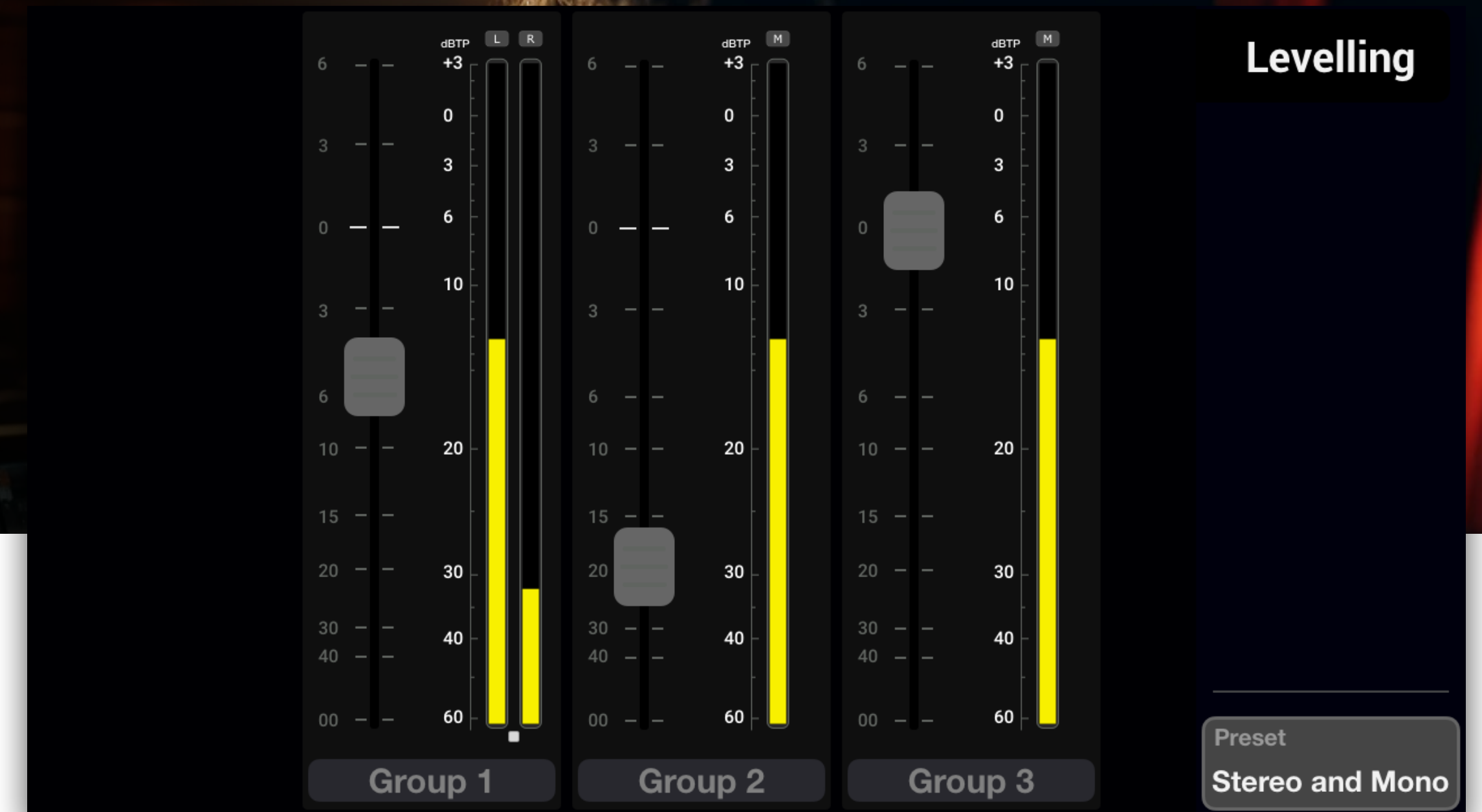


TouchControl 5

Features

Faders, faders, faders

- Level Control
- Fader with PPM, True-peak and phase
- Control multiple groups of channels
- Relative Levels with knob control



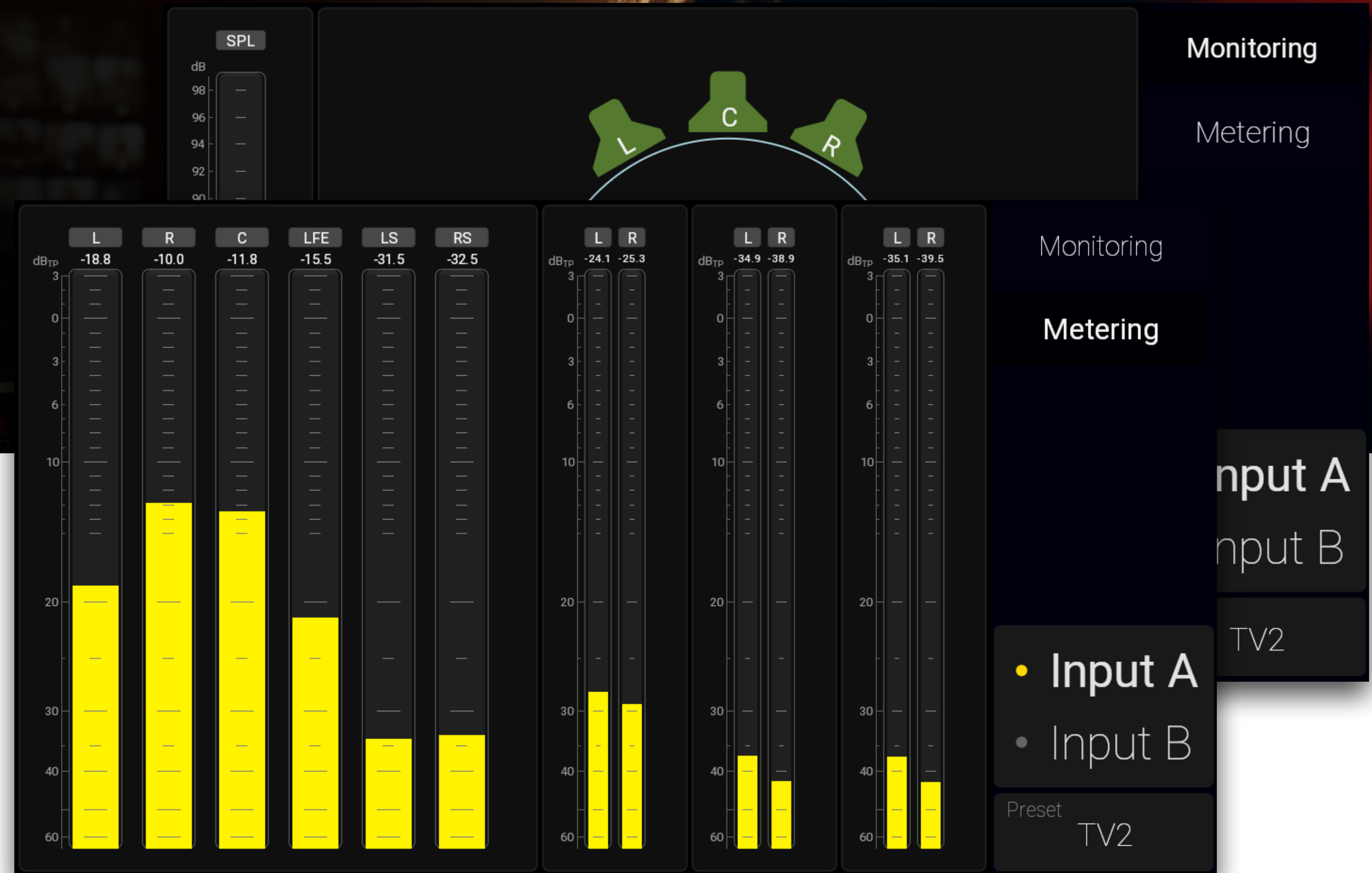
Users

Who makes use of the Compact Line?

Compact Line

Who?
Customers

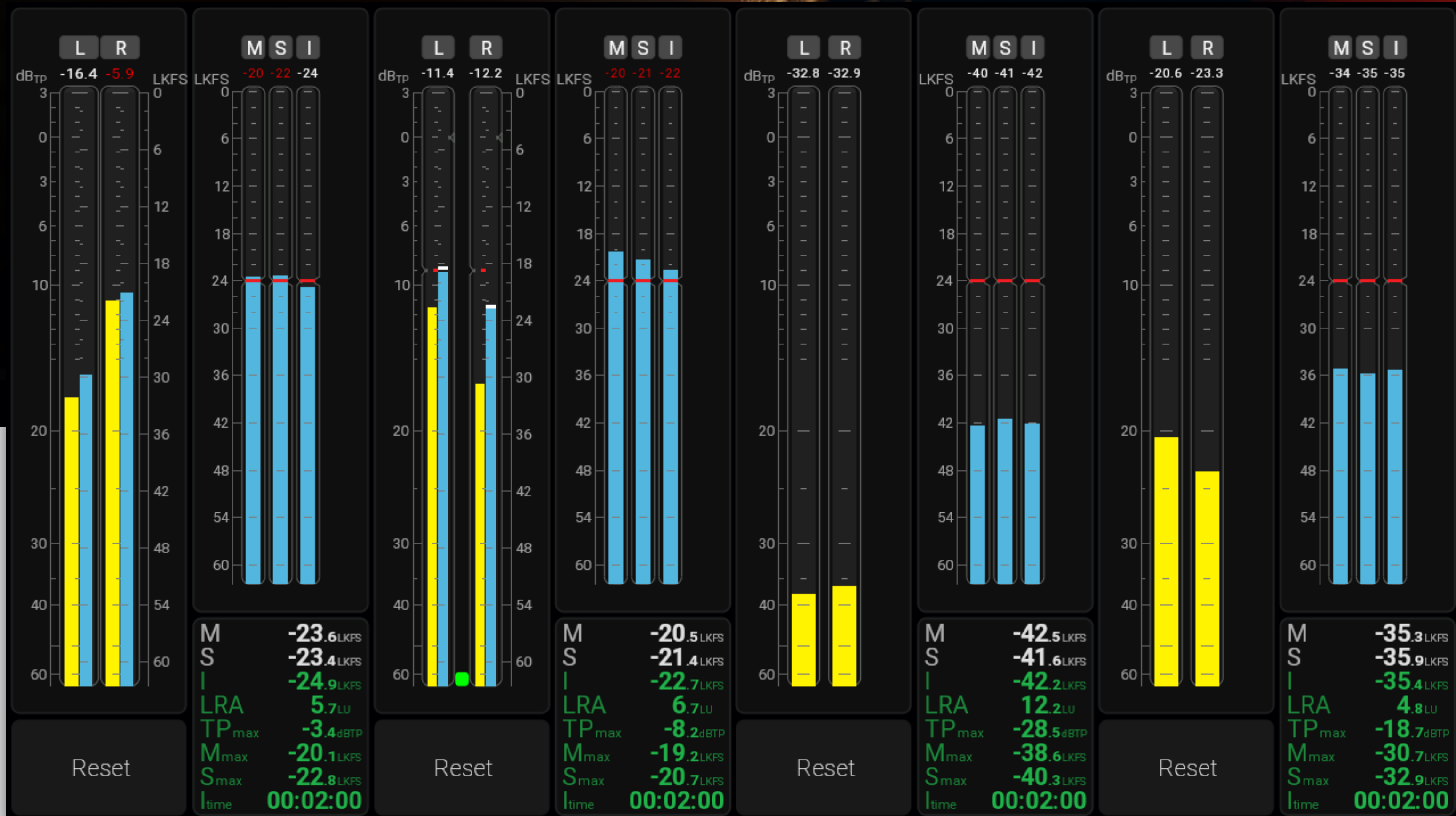
- Broadcast: Control Room
- 5.1 Control
- 5.1 + Stereo + Stereo + Stereo



Compact Line

Who?
Customers

- Radio Station
- Levels & Loudness
 - Studio
 - Control
 - News
 - Weather



Compact Line

Who? Customers

- TV2
 - National Broadcaster
 - 8 Regional Stations
- 30 x TouchControl 5 (Main Facility)
- Application:
 - Live Production
 - Control Room Stations

Compact Line

Customer
TV2



Compact Line

Customer
TV2



More information
rtw.com



