



A 1U stereo meter that listens, watches and stays out of the way. Audio passes through untouched; the device only looks.

The display has three sections: bar meter, spirit level and numeric readout, shown in any combination. Active sections automatically share the available width. Out of the box, you get the bubble in **BALANCE** mode.

Controls:

VU	RMS level, 300 ms — how loud it feels	MOMENTARY	Loudness over 400 ms (LUFS)
PPM	Peak programme, instant rise, slow fall	SHORTTERM	Loudness over 3 s (LUFS)
PEAK	Sample peak, no smoothing	INTEGRATED	Loudness of everything since the last reset (LUFS)
BUBBLE	Show / hide the spirit level	AVERAGE	Plain RMS level over 10 s (dB)

Bar meter

Green up to the warning point, orange to 0 dBFS, red above it. The warning zone starts at -12 for VU and -6 for PPM/PEAK.

Peak hold: highest peak, held 5 s, then falls.

Peak value (top right): the held peak as a number. Click it to switch units. Cmd/Ctrl+click clears the hold.

CLIP lamps — latch when any sample hits 0 dBFS. Click the lamps or the word CLIP to clear.

Bubble (the spirit level)

BALANCE: stereo balance from the L/R levels. Centred = even. The bubble drifts toward the louder channel. A mono source reads centred.

TARGET: how far your loudness is from a target you set. Centred between the two lines = on target.

▼ / ▲ ±1 dB per click

You can also drag the vial up/down to change the target dB
Hold Shift for Precise mode
Cmd/Ctrl+click to reset to default

Digits

Big 7-segment readout of the selected loudness measurement.

INTEGRATED keeps averaging until you reset it. Give it 10–20 seconds of music to settle. Tap the digits to reset it (also resets AVERAGE).
Click the unit label (AVERAGE only) to switch units.

Units

Numbers show in dBFS / LUFS by default. Clicking a unit label by the digits, or the PEAK readout will cycle these units:

Shown	Meaning
dBFS / dB RMS	digital level, 0 dBFS = full scale
dBu R68	dBFS + 18 — European alignment (EBU R68)
dBu SMPTE	dBFS + 24 — US alignment (SMPTE RP155)

Pick the one your audio interface's spec sheet uses. dBu is an analog voltage, so it's only exact if your interface follows that standard. LUFS readouts are never converted, dBu means nothing for loudness.

What number am I aiming for?

Target	LUFS (integrated)
Spotify / YouTube / Amazon	-14
Apple Music	-16
Broadcast (EBU R128)	-23
Loud club / EDM master	-8 to -6

Thank you!

Ekssperimental Sounds Studio is a one man project driven by the passion for experimental electronic sounds, new and old synthesizers and music gear. As a Reason user since 2001 it truly is a dream come true to finally be able to create my own synthesizers and effects for the Reason rack. Thanks to all of you who buy my products I can continue to learn and develop more fun and inspiring devices for our beloved rack.

I hope you will enjoy Spirit Level!

Cheers,
Erik Söderberg 2026