

LOUDNESS METERING

Calrec is responding to increased global emphasis on monitoring and standardizing loudness levels by incorporating comprehensive loudness metering.

Loudness meters can be placed onto upstand TFT meter panels in Apollo and Artemis control surfaces alongside regular audio level bargraphs, right in the operator's line of sight.

Loudness meters can be assigned to Main outputs, Groups, Auxes, Tracks, external inputs and the PFL busses.

Each loudness meter displays:

- Target loudness, as defined by the chosen standard, or user selectable where the chosen standard allows.
- Momentary loudness (loudness at any given time).
- Short term loudness (average over a 3 second window).
- Integrated loudness (average measured over the metering duration, excluding periods of very low level)
- The range in loudness (LRA) over the metering duration.
- The max true-peak level, with warning if user / standard specified maximum is exceeded).
- Elapsed integration time - the current metering duration.

The meters can be started, paused and reset individually or globally.

Loudness meters can be selected to conform to any of the major international standards for loudness metering. User settings vary depending on the standard chosen.

Talk to a sales representative or email enquiries@calrec.com for more info.



Putting Sound in the Picture

