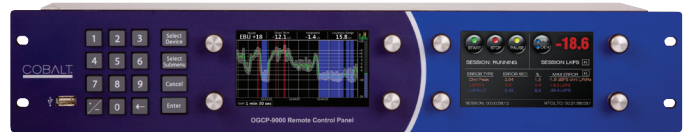


Loudness Meter

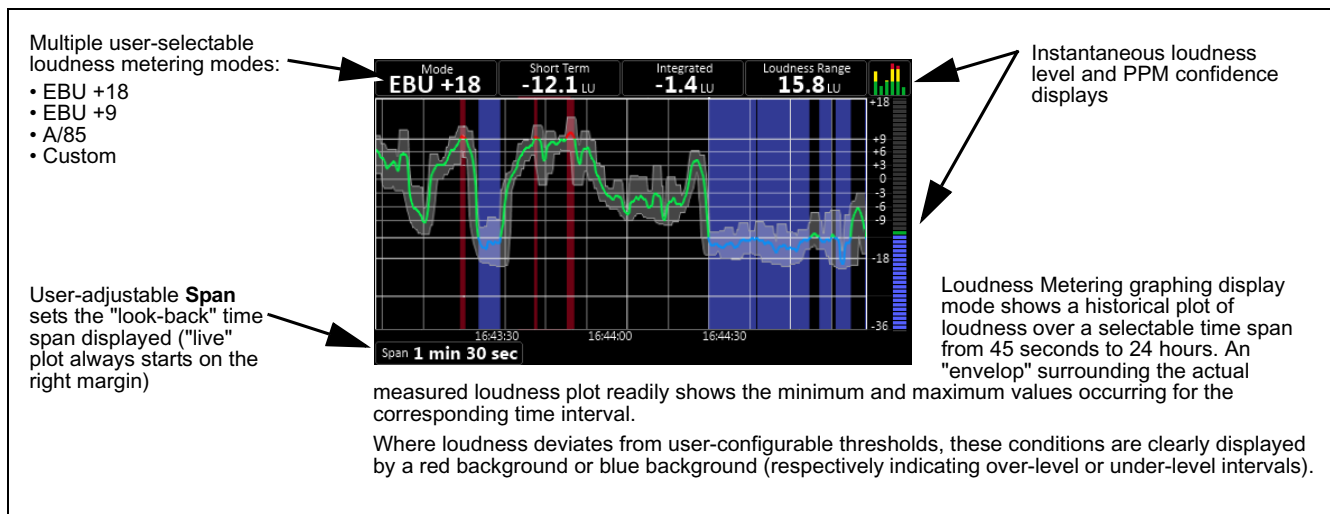
Software Option



OGCP-9000 Remote Control Panel with +LM

Cobalt's Loudness Meter software works with the award-winning OGCP-9000 Remote Control Panel to provide a flexible, complete solution for ingest or on-air loudness metering and assessment. An intuitive touch screen control interface offers simple "pushbutton" session start and stop along with clear-cut clear pass/fail loudness assessment for QC operators. True peak level detection, error tracking and logging, and other detailed criteria offer detailed assessments for admin/engineering. Configurable timecode range and signal level-based automatic triggering allows automation-based control.

Easy to use, yet comprehensive, the option ensures thorough audio level and loudness assessment, and is ITU BS.1770, ATSC A/85, and EBU R128 compliant. Because cards forward the audio measurement data to the control panel over your plant's Ethernet network, the control panel does not need co-location or insertion within the video/audio stream. The Audio Loudness Meter software works with Fusion3G® and most 9000-series COMPASS® cards. The software can be ordered with product purchase, or purchased for cards already installed and activated using a downloadable feature key (no need to remove or replace cards).



Features

- ITU BS.1770, ATSC A/85, and EBU R128 compliant
- "True Peak" level detection
- Easy to use, intuitive user interface with touch screen control
- Loudness error analysis suitable for live, post production and ingest environments
- Eight channel PPM metering
- Flexible monitoring modes include configurable dBFS bar graph meters, loudness displays and error thresholds
- Comprehensive error tracking/logging
- Detailed web-browser session log reports with CSV raw data output available
- 10/100 Mbps Ethernet TCP/IP data connection allows metering of audio without tying up router crosspoints
- Accommodates any combination of audio sources handled by host card: embedded, AES, analog, or decoded Dolby® E, Dolby Digital, or Dolby Digital Plus
- Automated control via timecode range and signal level threshold triggering
- Five year warranty

Specifications

dBFS Scale Range

0 to -70 dBFS; absolute or configurable relative

LKFS Scale Range

0 to -70 LKFS

Ethernet

10/100 Mbps between OGCP-9000/host card frame

Averaging

Simultaneous session (infinite) and short-term; configurable short-term averaging period

Timing Source

Accommodates network time server, analog and SDI VITC waveform, SDI ATC_VITC, ATC_LTC per host card

Audio Inputs

8-Ch confidence monitoring

5-Ch (L, R, C, Ls, Rs) loudness assessment per ITU BS.1770, ATSC A/85, and EBU R128

Accommodates embedded, AES, analog, decoded, Dolby® E or AC-3 audio

Ordering Information

+LM

Audio Loudness Meter Software Option (Available on Fusion3G® 9900 Series cards, and most COMPASS® 9000 Series cards. Check specific catalog pages for option availability. Pre/post metering available only using 9086 and/or 9985 Loudness Processor host cards.)

OGCP-9000

2RU Remote Control Panel for Fusion3G®/COMPASS® Cards (Specify country of destination for power cord.)