

OPTION

DOLBY E

This option allows the display of Dolby-E meta data present in a selected audio stream and determines whether the Dolby-E packet is timed correctly on the SDI video stream.

The Dolby-E may be monitored from any of the SDI input embedded audio channel pairs or the AES input.

In use the new start menu window displays both the V Bit information and PCM values along with a snapshot of the Dolby E metadata if a Dolby E signal is present. Using the Signal Information menu, Dolby E will present the full analysis display.

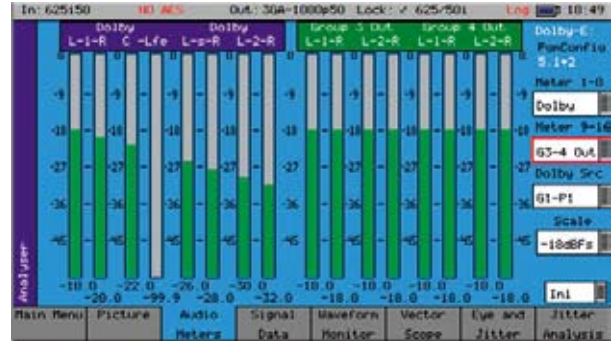
The Dolby-E metadata screen shown below carries primary information including signal source, Dolby-E 'guard band' timing, CRC errors, program channel and metadata detail. The characters shown in white will only be presented when a Dolby-E signal is introduced into the unit. These include:

- Config**
- Frame rate**
- Bit depth**
- Timecode**
- CNC error count**

Program Information;

- Channel(s) Start and End gain**
- Description**
- Dialog level**
- Mix levels**

The peak audio levels included in the Dolby-E meta data packet are displayed on the Analyser > Audio Meters page. Select the appropriate set of meters to display Dolby levels which will follow the selected Dolby-E source.



Dolby E meter display

FEATURE HIGHLIGHTS

- DOLBY E ANALYSIS
- 8 CHANNEL VIEW SIMULTANEOUSLY
- DOLBY E 'GUARD BAND' TIMING
- METADATA VIEW
- CRC ERROR DETECTION
- PROGRAM INFORMATION
- LOGGING

APPLICATIONS

- R&D/TEST DEPARTMENTS
- SYSTEM INTEGRATORS
- SUPPORT ENGINEERS

AVAILABLE FOR

- PHABRIX[®] SxA
- PHABRIX[®] SxD
- PHABRIX[®] SxE
- PHABRIX[®] RX



Dolby E Timing, Program and Metadata display

Note: Dolby E audio will not be decoded.

Option code

PHSXOBD

