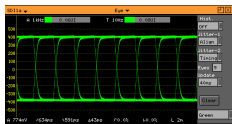


RX OPTION

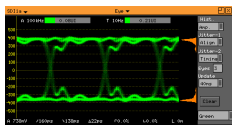
ADVANCED PHYSICAL LAYER

The analysis option (PHRXO-EA) for the PHABRIX Rx range adds an additional jitter screen, plus enhancements to the eye display. The extra features added to the eye and jitter module are focussed toward broadcast manufacturers who have a need for high end analysis tools. Histograms, decade filters, multiple eye display, full screen jitter display and alignment and timing thermometers are all available with comprehensive logging.

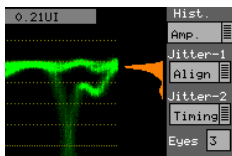
The Advanced physical layer analysis option provides the following functional areas:



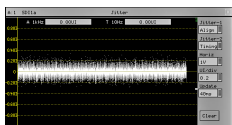
Multi eye display enables analysis when serialiser jitter is present. Products process video in either a 10 or 20 bit parallel data domain which is subsequently transmitted as a single bit serial data stream. By triggering every 10 or 20 eyes you can reveal repetitive parallel/serial clock domain jitter in equipment being analysed.



Histograms give statistical information which can be used to accurately measure rise time, fall time and amplitude. These automatic accurate measurements can then be logged for extended periods of time.



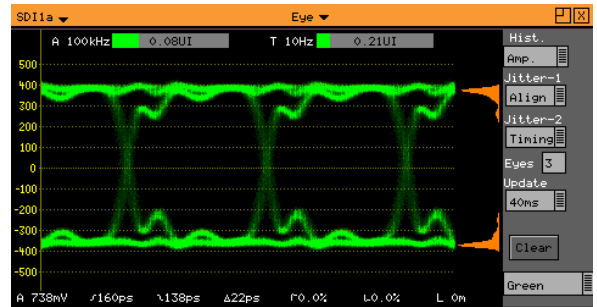
Decade filters are provided allowing an engineer to analyse the frequency content of any jitter present. The number of eyes displayed is adjustable from one eye up to one frame of eyes.



The separate full screen jitter analysis display incorporated into the advanced option enables the engineer to analyse the nature of jitter present using a graph of jitter versus time. Again, the decade filters are present and the time base can be adjusted from 1 line through to 1 frame.



The dual jitter meters display the filtered effect controlled by the Jitter 1 and 2 filter values.



Eye display showing rise time, fall time, duration, overshoot and peak jitter displays

FEATURE HIGHLIGHTS

- ADVANCED PHYSICAL LAYER ANALYSIS ON ALL COMPATIBLE ANALYZER MODULES
- MULTIPLE EYE DISPLAY
- EYE COLOUR SELECTION
- HISTOGRAM DISPLAY
- EYE JITTER FILTERS TO ISOLATE JITTER TYPES
- ADDITIONAL JITTER ANALYSIS SCREEN

AVAILABLE FOR

- PHRXM-AE MODULE
- PHRXM-AGE MODULE
- RX2000 INSTRUMENT CHASSIS
- RX1000 INSTRUMENT CHASSIS
- RX500 INSTRUMENT CHASSIS

ORDERING INFORMATION

Option Code

PHRXO-EA

