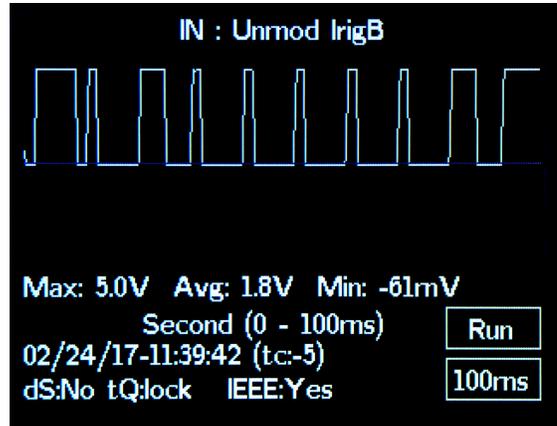


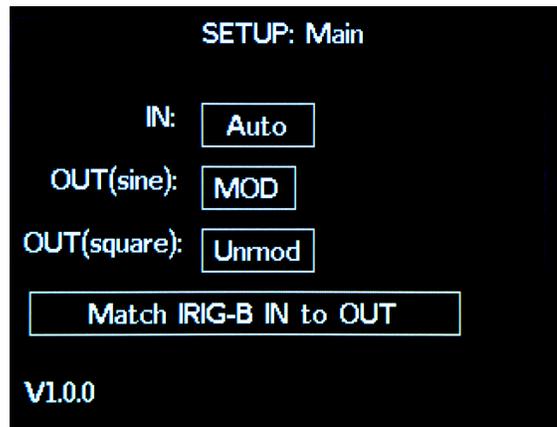
APP-110 IRIG-B ANALYZER / GENERATOR

Decode and analyze IRIG-B timing signals with the APP-110 IRIG-B Analyzer.

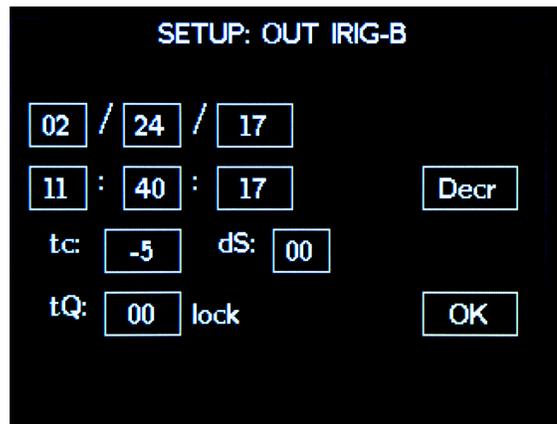
Validate the integrity of your time sensitive monitoring equipment at every level by using the APP-110 IRIG-B Analyzer by generating an IRIG-B time signal and other signals.



Oscilloscope view and decoded IRIG-B time



Generate IRIG-B time signals and sync input



Output custom IRIG-B time signal

KEY FEATURES

- Battery powered
- 3.5" backlit touchscreen display
- Oscilloscope view
- IRIG-B time signal decoder and analyzer
- IRIG-B/1PPS time signal generator

FRONT PANEL

Oscilloscope view of input signal

Hold and run modes

50ms or 100ms window with autoranging

Decoded IRIG-B information including:

- Time
- Date
- Time code
- Daylight saving

PHYSICAL

Dimensions: 6.73" (L) × 3.39" (W) × 1.24" (H)

Weight: 200 grams / 7.1 oz (without battery)

POWER

Power supply:

- 5 VDC battery pack

US plug 5VDC micro-USB adapter included

ENVIRONMENTAL

Operating temperature range 0°C to 50°C

Humidity 0% to 95% non-condensing

INPUTS

Micro-USB power connector

3/4 inch spaced banana plug connectors

BNC input using BNC to banana plug adapter

Autodetect modulated/unmodulated/1PPS input
IRIG-B time signal

Ability to detect if input signal is IEEE 1344
compliant

Accepts general signals <30V for oscilloscope

OUTPUTS

2 BNC outputs: 1 sine wave / 1 square wave

Sine wave output modes:

- Modulated IRIG-B time signal
- 1 pulse per second
- 60Hz sine wave
- 50Hz sine wave

Square wave output modes:

- Unmodulated IRIG-B time signal
- 1 pulse per second

Ability to sync input IRIG-B time signal to output
IRIG-B time signal

Output custom IRIG-B time signal set by user



5234 Elmwood Ave.
Indianapolis, IN
46203

Phone : (317) 536-5300

Fax : (317) 536-5301

Specifications subject to change without notice.

This publication does not represent or imply any contract between APP Engineering, Inc. and its customers.