AE Test Solutions, Inc.

Busmaster 2500
Advanced Databus Analyzer

Your advanced alternative to needlessly removing functional L.R.U.'s!

Busses

The Busmaster 2500 incorporates all of the following busses to allow for testing/troubleshooting

- ARINC 429 (High & Low)
  - Digital Information Transfer System (DITS)
- ASCB
  - Avionics Standard Communication Bus (bidirectional)
- CSDB (RS-422)
  - Commercial Standard Digital Bus (unidirectional)
- ARINC 561
  - Inertial Navigation System (6-wire)
- ARINC 568
  - DME (6-wire)
- ARINC 571
  - Inertial Sensor Attitude-Heading Reference System
- ARINC 575
  - Digital Air Data System (DADS)

Busmaster 2500

Saves Time Troubleshooting

- Unit displays:
  - Label, text in English, 32-bit binary and hex
- Allows for equipment ID changes
- Large format touch-screen
  - Finger Control
  - Protective Rigid Cover
- Allows for manipulation of data
  - Change labels, data in English, and Binary
- Data can be programmed to change on multiple labels simultaneously. Data change can be either ramp or sinusoid (wave). Start point, stop point and rate can be independently programmed for each label. Example: Program the Busmaster to simulate an air data computer flying from 0 to 50,000 ft and back to 0 at a specified rate (slewing).

Aero Express, Inc.

Phone: 816-246-4500   Toll-free: 800-580-AERO (2376)
Fax: 816-246-1452   www.aeroexpress.com

Busmaster

Advanced Databus Analyzer

2500

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Features

- 8 Channels - 4 transmit, 4 receive
- Capable of recording fully loaded high-speed busses (not just trapping some labels)
- Analyze and trap label set with a trigger
    - Can capture detail based on a specific data occurrence on triggered label
    - Example: the occurrence of a label can be recorded if a bit in the binary changes and bus data preceding and following occurrence can be analyzed
- User definable label setup - full scenarios
- Scenarios can be saved and played back
- Data transferable to desktop PC for further manipulation /printing
- 128 Meg non-volatile storage of data
    - Can store 26 hours of low-speed bus data
    - Can store over 3 hours of fully-loaded high-speed data (not label trapping)

Easy to Use

- Convenient use for Ramp & Bench
- Operates on internal rechargeable battery or AC adapter
- AC adapter on outside of unit for easy recharge
- Tilt-screen
- Upgrade labels easily
- Completely self-contained

Dimensions

- Length   17"
- Width   13"
- Height   4 1/2"

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