

  
AE Test Solutions, Inc.  
**Busmaster**  
Advanced Databus Analyzer **2500**

***“Your advanced alternative to needlessly removing functional L.R.U.’s!”***

### **Supported 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

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)

### **Saves Time Troubleshooting**

- *Displays Labels in Engineering, Binary or Hex Formats*
- *In Depth ARINC 429 Trapping Features*
- *Allows for equipment ID changes*
- *Large format touch-screen*
- *Protective Rigid Cover*
- *Allows for manipulation of data*

*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).*



**Large Format Sunlight Readable Touch-screen**

**Rugged Pelican™ Case**



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

***“Your Test Equipment Solution”***



AE Test Solutions, Inc.

# ***Busmaster***

Advanced Databus Analyzer **2500**

## **Features**

- Rugged Pelican™ Case
- Proven Touchscreen
- 8 Channels - 4 transmit, 4 receive for 429 bus
- 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)
- 100 to 240 VAC, 4500 mAH MiMH
- Allows For Equipment ID Changes

## **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 7"
- Weight 13 pounds



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