

## PRESS RELEASE

*Final – for immediate release*

### New Pocket-Sized USB Avionics Databus Interface

**EVERETT, WA – March 31, 2010** – Ballard Technology, Inc., a leading developer of avionics databus test, simulation, and embedded products, today announced that their new portable USB 2.0 interfaces for MIL-STD-1553 and ARINC 429/717 protocols are now available from stock.



These easy-to-use USB interfaces enable engineers and technicians to test, simulate, and analyze avionics databuses using any available PC. The same device and software can be used in the lab and in the field. Typical applications include product and system development and integration, data loading, flightline maintenance and AOG support, and performance monitoring and analysis. These new USB devices make excellent replacements for plug-in cards, especially hard-to-get PCMCIA cards.

Several models are available with a variety of channel counts and capabilities for the most common aircraft databus protocols – MIL-STD-1553, ARINC 429 and ARINC 717. Units are available with up to 2 dual redundant MIL-STD-1553 channels, up to 16 ARINC 429 channels or up to 4 ARINC 717 channels. A multi-protocol version is also available with 12 ARINC 429 channels and 4 ARINC 717 channels. Weighing less than 5 ounces, these rugged little USB peripherals use the same powerful 5<sup>th</sup> generation technology as Ballard's PCI and PCI Express cards. All interfaces are bus-powered by a single USB port, so there is never a need for an external power supply. All units have 8 avionics discrete I/O, 48-bit hardware time-tag and IRIG synchronization/generation. For sensitive applications they have been tested and proven to be EMC quiet per MIL-STD-461.

#### **Software Tools**

Users can develop their own applications with the included universal BTIDriver™ API library, or use Ballard's optional CoPilot® databus analyzer software, a powerful, interactive, graphical software tool for developing, testing, and simulating avionics equipment and systems.

To learn more and download the PDF data sheet go to:

MIL-STD-1553: [www.ballardtech.com/USB1553](http://www.ballardtech.com/USB1553)

ARINC 429 and 717: [www.ballardtech.com/USB429](http://www.ballardtech.com/USB429)

Ballard's USB interfaces are competitively priced, and most models are available from stock.

All models are backed by Ballard's industry-leading 3 year warranty. Quotations and additional information are available online or direct from Ballard Technology's technical sales force.

### **About Ballard Technology**

Founded in 1986, Ballard Technology, Inc. produces avionics interface products for military (MIL-STD-1553) and commercial (ARINC, AFDX) test, simulation, and embedded applications. Ballard is committed to total customer satisfaction, product ease-of-use and exceptional customer service. Headquartered in Everett, WA Ballard is supported by a worldwide network of manufacturer's representatives and distributors.

Additional information about Ballard Technology can be found at [www.ballardtech.com](http://www.ballardtech.com)

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