

Declaration of Conformity

Part #: 1057-0740 Rev 07-09

Manufacturer's Name: IOtech
Manufacturer's Address: 25971 Cannon Road
Cleveland, Ohio 44146 U.S.A.

Declares that the product:

Product Name: WBK10A (alone or with internal option cards)
Description: 1 MHz 16-Bit, 8-Channel Analog Expansion Module for use with WaveBook/516

Conforms to the following standards:

Safety	Low-Voltage Directive 2006/95/EC, EN 61010-1; 2001
EMC	EMC Directive 2004/108/EC as defined by Standard: EN 61326-1:2006 (IEC 61326-1:2005)
CISPR 22:1993	Radio Disturbance
EN 55022:1998	Conducted and Radiated Emissions
IEC 61000-4-2:1995	Electrostatic Discharge Immunity
IEC 61000-4-3:2002	Radiated Electromagnetic Field Immunity
IEC 61000-4-4:2004	Electric Fast Transient Burst Immunity
IEC 61000-4-5:2001	Surge Immunity
IEC 61000-4-6:2001	Conducted Disturbance Immunity

EMC Testing: Chomerics Test Services, Woburn, Mass. 01801, U.S.A.
Date: February 24, 2009
Test Report #: EMI5268.09
Date Issued: February 27, 2009
IOtech
25971 Cannon Road
Cleveland, OH. 44146 U.S.A .

Signature: 
Full Name: Carl Haapaoja
Position: Director of Quality Assurance

CE-Compliant Operating Conditions

Product Name: WBK10A (alone or with internal option cards)
Description: 1 MHz 16-Bit, Analog Expansion Module for WaveBook/516



WARNINGS and CAUTIONS. When you see any of these symbols on the product or in the documentation, carefully read the related information and be alert to the possibility of personal injury and/or equipment damage.



To maintain the safety, emission, and immunity standards of this declaration, the following conditions must be met.

- * The PVC dust caps (IOtech part # CN-96) must be placed on all 9 BNC connectors when not in use.
- * A coaxial cable [with insulated end connectors and HA-197 insulating sleeves, *at both ends of the cable*] must be used when connecting WBK10A to WaveBook/516's "Expansion In" BNC. Use of the sleeves must be such that no connector metal is exposed on either the WaveBook/516 or on the WBK10A.
- * All other cables must be fully shielded.
- * The host computer must be properly grounded.

Equipment must be operated in a controlled electromagnetic environment as defined by British Standard EN 61326:2006, or IEC 61326:2005.



The operator must observe all safety cautions and operating conditions specified in the documentation for all hardware used.



The host computer, peripheral equipment, power sources, and expansion hardware must be CE compliant.



All power must be off to the WaveBook and externally connected equipment before internal access to the WaveBook is permitted.



Max overvoltage: analog com-to-channel, ± 30 VDC; channel-to-channel, 45 VDC.



POWER IN and POWER OUT 5-pin DIN connector current must not exceed 5 A.

Note: Data acquisition equipment may exhibit noise or increased offsets when exposed to high RF fields (>1 V/m) or transients.

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