

Declaration of Conformity

Part #: 489-0740 Rev 05-14

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

Declares that the product:
Product Name: WaveBook/516E, /516A, /512A
(alone, or with internal option cards)
Description: 1 MHz, DSP-Based
Multi-Channel Digitizers

Conforms to the following standards:

Safety	Low-Voltage Directive 2006/95/EC, EN 61010-1; 2010
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 #: EM15268.09
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: WaveBook/516E, /516A, /512A
(alone, or with internal option cards)
Description: 1 MHz, Multi-Channel Digitizers



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.

- * A PVC dust cap (IOtech # CN-96) must be placed on each unused BNC connector.
- * When PVC dust caps are removed, coaxial cable [with insulated end connectors and HA-197 insulating sleeves] must be used. The insulating sleeves must be placed over the cable's connector-end, such that no connector metal is exposed.
- * A coaxial cable, [with insulated end connectors and HA-197 insulating sleeves *at both ends of the cable*] must be used when connecting a "CE-Approved" expansion module to the WaveBook's "Expansion Signal In" BNC. Use of the sleeves must be such that no connector metal is exposed.
- * Equipment must be operated in a controlled electromagnetic environment as defined by British Standard EN 61326:2006, or IEC 61326:2005.
- * I/O cables must be less than 3 meters (9.75 feet) in length and shielded, with the shields connected to the WaveBook's chassis. This connection is to be made via the jackscrews of the 25 DSUB Digital I/O Connector located on the front panel.
- * If using an Ethernet patch cable, use Ethernet patch cable p/n CA-242.
- * For devices using the Ethernet, the Ethernet CE Kit must be properly installed per instruction sheet p/n 1077-0901.
- * A TR-40U power supply must be used as the power source.
- * If using a Parallel Port cable, it must be a CA-35-2, 1284-Compliant LPT cable.
- * The host computer, peripheral equipment, power sources, and expansion hardware must be CE compliant.



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



All power must be off to the WaveBook and externally connected equipment before internal access to the device is permitted. Internal access is only authorized for replacement of fuse F201.

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

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