

# Declaration of Conformity

Part #: 489-0740 Rev 05-14

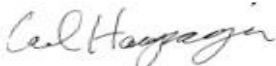
**Manufacturer's Name:** IOtech  
**Manufacturer's Address:** 25971 Cannon Road  
Cleveland, Ohio 44146 U.S.A.

**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:

<b>Safety</b>	Low-Voltage Directive 2006/95/EC, EN 61010-1; 2010
<b>EMC</b>	EMC Directive 2004/108/EC as defined by Standard: EN 61326-1:2006 (IEC 61326-1:2005)
<b>CISPR 22:1993</b>	Radio Disturbance
<b>EN 55022:1998</b>	Conducted and Radiated Emissions
<b>IEC 61000-4-2:1995</b>	Electrostatic Discharge Immunity
<b>IEC 61000-4-3:2002</b>	Radiated Electromagnetic Field Immunity
<b>IEC 61000-4-4:2004</b>	Electric Fast Transient Burst Immunity
<b>IEC 61000-4-5:2001</b>	Surge Immunity
<b>IEC 61000-4-6:2001</b>	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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