

# Declaration of Conformity

According to ISO/IEC Guide 22 and EN 45014 Part #: 1066-0740 Rev 07-03

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

## Declares that the product:

**Product Name:** WBK40, WBK41  
**Description:** WBK40: Thermocouple Input Module  
WBK41: Thermocouple Input and  
Multifunction I/O Module  
For use with WaveBook/516E and WBK25

## Conforms (under conditions on reverse side) to the following standards:

<b>Safety</b>	EN 61010-1: 1993
<b>EMC</b>	EMC Directive 89/336/EEC, EN 61326: 1998
<b>CISPR22</b>	1993
<b>EN 55022</b>	1988 Class A (Conducted and radiated emissions)
<b>IEC 61000-4-2</b>	1995, ESD Immunity, Criterion B, $\pm 4$ kV contact discharge, $\pm 8$ kV air discharge
<b>IEC 61000-4-3</b>	1995, Radiated RF Immunity; Criterion A, 10V/m, 80MHz to 1000MHz, 80% AM at 1kHz
<b>IEC 61000-4-4</b>	1995, Electrical Fast Transient / Burst Immunity, Criterion A, $\pm 1$ kV bursts
<b>IEC 61000-4-6</b>	1996, Conducted Disturbance Immunity, Criterion A, 1VRMS, 150kHz to 80MHz, 80% AM at 1kHz
<b>IEC 61000-4-11</b>	1994, Voltage Dips, Interruption Immunity

**Place:** Cleveland, Ohio U.S.A.  
**Date:** 07/16/03

**Signature:**

**Full Name:** Paul Wittibschlager

**Position:** Director of Hardware Engineering

**European  
Contact:** \_\_\_\_\_  
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## CE Compliant Operating Conditions

**Product Name:** WBK40, WBK41  
**Description:** WBK40: Thermocouple Input Module  
WBK41: Thermocouple Input and  
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For use with WaveBook/516E and WBK25



**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 host computer, peripheral equipment, power sources, and expansion hardware must be CE compliant.
- \* Equipment must be operated in a controlled electromagnetic environment as defined by British Standard EN 61326:1997, or IEC 61326:1997.
- \* I/O cables must be less than 3 meters (9.75 feet) in length and shielded, with the shields connected to P1, P2, or Digital Ground.
- \* If using an Ethernet patch cable, use Ethernet patch cable p/n CA-242.
- \* Each D-shell connector must have a braided shield connected to its metal shell.
- \* Shielded cables (IOtech p/n CA-143-7, or CA-143-18) must be used when connecting the P1 or P2 connectors to DBK products.
- \* A CA-35-12 cable must be used when connecting a WBK40 or a WBK41 to a WaveBook/516E or a WBK25 Ethernet Module.
- \* 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.



The user must observe all Warnings, Cautions, and operating conditions as specified in pertinent sections of the *WaveBook User's Manual* (489-0901) and the *WBK Options User's Manual* (p/n 489-0902).



Power must be off and disconnected from the host PC and all external connected equipment before accessing a WBK40 or a WBK41.

**Note:** Data acquisition equipment may exhibit noise or increased offsets when exposed to high RF fields ( $>3$ V/m) or transients.