

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:

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

CE Compliant Operating Conditions

Product Name: WBK40, WBK41

Description: WBK40: Thermocouple Input Module
WBK41: Thermocouple Input and
Multifunction I/O Module

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 ($>3\text{V/m}$) or transients.