

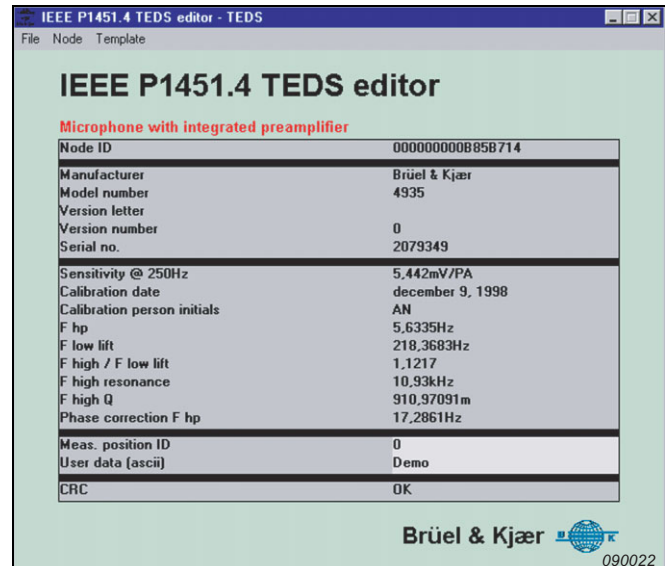
# PRODUCT DATA

## TEDS Editor for IEEE P1451.4 and IEEE 1451.4 Transducers — BZ-5294

BZ-5294 is a PC-based program for reading, writing and editing data in IEEE 1451.4 capable transducers. The program is available on CD-ROM or may be downloaded from Brüel & Kjær's website [www.bksv.com](http://www.bksv.com) free of charge. Licenses to edit transducer specific data in the TEDS are available

### Features

- Enables IEEE 1451.4 TEDS (Transducer Electronic Data Sheet) to be read and edited directly in transducers or via disk
- Enables the use of extended functionality in transducers, for example, variable gain
- Enables digital control of several IEEE 1451.4 transducers on the same cable (serial multiplexing)
- Enables updating of TEDS from IEEE P 1451.4 to IEEE 1451.4
- Enables remapping of TEDS to accommodate transducers with additional accessories, for example, preamplifiers containing TEDS with transducers not containing TEDS
- Enables the set of embedded templates in NEXUS™ and 16-channel DeltaTron® Conditioning Amplifier Type 2694 to be changed



### Benefits

- Calibration applications: Transducer specification may be written into TEDS (BZ-5294-MS 4 required)
- Transducer manufacturer applications: Possible to write data into TEDS (BZ-5294-MS 5 required)

### System Requirements

- Microsoft® Windows® 95/98/2000/NT® 4.0 (Service Pack 3 or higher recommended) or later
- 486DX/66 MHz or higher processor (Pentium® or higher processor recommended)
- A CD-ROM drive or Internet for installation
- SVGA 800×600, 256 colours or higher resolution screen supported by Microsoft® Windows®
- 24 MB of RAM for Windows® 95, 32 MB of RAM for Windows NT® Workstation
- A mouse or other suitable pointing device
- 100% Windows®-compatible 16-bit sound card (optional)
- 10 MB free harddisk space

One of the following is required to access the transducer:

- NEXUS™ with software version. 2.0.0 or later
- A Dallas microLAN adaptor (DS 9097 E or DS 9097 U) with the appropriate cable for the transducer
- 16-ch. DeltaTron® Conditioning Amplifier Type 2694
- In order to edit TEDS, you need Dallas MicroLAN Adaptor WQ-1320 (included with all TEDS Editor Kits) and a license (included with TEDS Editor Kits WA-0876 and WA-0877)

---

## Ordering Information

---

Most Brüel & Kjær transducers and instruments support TEDS. For further information please refer to the individual Product Data Sheets

### TEDS EDITORS KITS

- WA-0876 TEDS Editor Calibration Kit including: TEDS Editor Software BZ-5294, TEDS Editor Calibration License BZ-5294-MS 4, Dallas MicroLAN Adaptor WQ-1320, Cable for MicroLAN Adaptor WL-1363, BNC to Falcon® Range Adaptor AO-1444
- WA-0877 TEDS Editor Development Kit including: TEDS Editor Software BZ-5294, TEDS Editor Developers License BZ-5294-MS 5, Dallas MicroLAN Adaptor WQ-1320, Cable for MicroLAN Adaptor WL-1363, BNC to Falcon Range Adaptor AO-1444
- WA-0887 TEDS Editor Viewer Kit including: TEDS Editor SW BZ-5294, Dallas MicroLAN Adaptor WQ-1320, RJ 11 Modular Cable WQ-1321

### TEDS ADAPTORS

- WQ-1320 Dallas MicroLAN Adaptor DS 9097 U-009

### TEDS LICENSES

- BZ-5294-MS 4 Calibration License  
BZ-5294-MS 5 Development License

### CABLES

- AO-1444 BNC to Falcon Range® preamplifiers (for TEDS editing)  
AO-0564 BNC to SMB (used with Type 4935)  
JP-0145 BNC to 10 – 32 UNF (used with DeltaTron accelerometers)

### OTHER ADAPTORS

Dallas Adaptor DS 9097 E (not recommended, except when EPROM programming is required) or DS 9097 U-E25 (programs 1-Wire EPROM devices) available from Dallas Semiconductor (Maxim) [www.dalsemi.com](http://www.dalsemi.com).

### TRADEMARKS

Microsoft®, Windows NT® and Windows® are registered trademarks of Microsoft Corporation in the United States and/or other countries · Pentium is a registered trademark of Intel Corporation or its subsidiaries in the United States and/or other countries

---

Brüel & Kjær reserves the right to change specifications and accessories without notice

---

**HEADQUARTERS: DK-2850 Nærum · Denmark · Telephone: +45 4580 0500**  
Fax: +45 4580 1405 · [www.bksv.com](http://www.bksv.com) · [info@bksv.com](mailto:info@bksv.com)

Australia (+61) 2 9889-8888 · Austria (+43) 1 865 74 00 · Brazil (+55) 11 5188-8166  
Canada (+1) 514 695-8225 · China (+86) 10 680 29906 · Czech Republic (+420) 2 6702 1100  
Finland (+358) 9-755 950 · France (+33) 1 69 90 71 00 · Germany (+49) 421 17 87 0  
Hong Kong (+852) 2548 7486 · Hungary (+36) 1 215 83 05 · Ireland (+353) 1 807 4083  
Italy (+39) 0257 68061 · Japan (+81) 3 5715 1612 · Republic of Korea (+82) 2 3473 0605  
Netherlands (+31) 318 55 9290 · Norway (+47) 66 77 11 55 · Poland (+48) 22 816 75 56  
Portugal (+351) 21 416 9040 · Singapore (+65) 377 4512 · Slovak Republic (+421) 25 443 0701  
Spain (+34) 91 659 0820 · Sweden (+46) 8 449 8600 · Switzerland (+41) 44 8807 035  
Taiwan (+886) 2 2502 7255 · United Kingdom (+44) 14 38 739 000 · USA (+1) 800 332 2040

**Brüel & Kjær** 

