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 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 x 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:
- NEXUSTM 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 & Kjaer 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 9097U-E25 (programs 1-Wire EPROM devices) available from Dallas Semiconductor (Maxim) www.dalsemi.com.

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