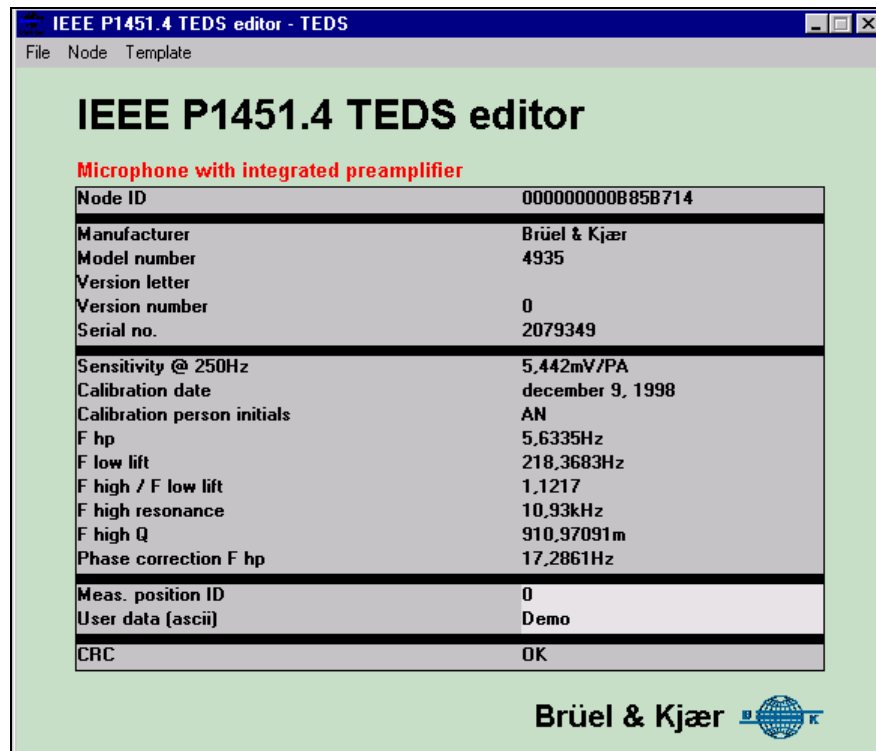


PRODUCT DATA

TEDS Editor for IEEE P1451.4 Transducers — BZ 5294

FEATURES

- Enables IEEE P1451.4 TEDS (Transducer Electronic Data Sheet) to be read and edited directly in transducers or via disk
- Enables the use of extended functionality in transducers, e.g., variable gain
- Enables digital control of several IEEE P1451.4 transducers on the same cable (serial multiplexing)
- Enables updating of TEDS to future versions of IEEE 1451.4
- Enables remapping of TEDS to accommodate transducers with additional accessories, e.g., preamplifiers containing TEDS with transducers not containing TEDS
- Enables the set of embedded templates in NEXUS™ Conditioning Amplifiers to be changed



BENEFITS

- Calibration applications: transducer specification may be read into TEDS (license required)
- Transducer manufacturer applications: possible to read data into TEDS on location
- Demonstration of extended functionality in conjunction with Demonstration Adaptor UA 2019

Description

BZ 5294 is a PC based Windows®* program for reading, writing and editing data in IEEE P1451.4 capable transducers. The program is available on CD or may be downloaded from Brüel&Kjær's website www.bk.dk free of charge. Licenses to edit transducer specific data in the TEDS can be ordered from Brüel & Kjær.

* Windows is a registered trademark of Microsoft® Corporation

BZ 5294

Specifications – BZ 5294 (TEDS Editor for IEEE P1451.4 Transducers)

System Requirements

- Microsoft® Windows 95 or Microsoft Windows NT® Workstation 4.0 (Service Pack 3 or higher recommended) or later
- 486DX/66 MHz or higher processor (Pentium or higher processor recommended)
- A CD-ROM disk 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 SW Ver. 2.0.0
- Demo Adaptor UA 2019, DS9097E or DS9097U with the appropriate cable for the transducer

Ordering Information

Accessories Available

Type 2690/1/2/3NEXUS Conditioning Amplifier	
UA 2019	Demo Adaptor (for demo only)
DS9097E	Dallas Adaptor (not recommended, except when E-PROM programming is required)*
DS9097U	Dallas Adaptor (recommended for Read/Write of TEDS in general)*
RJ-11	Dallas Adaptor to BNC*
Cables:	
AO 1444	BNC to Falcon Range® preamplifiers, for TEDS editing
AO 0564	BNC to SMB (used for Type 4935)

*Available from Dallas Semiconductor www.dalsemi.com

JP 0145 BNC to 10–32UNF (used for DeltaTron accelerometers)

IEEE P1451.4 transducers available:

Type 4935 Array Microphone
Types 4507B and 4508B Miniature Accelerometers

Transducers into which TEDS can be written:

Type 2647 Charge to DeltaTron Converter
Type 2669 ½" Microphone Preamplifier
Type 2670 ¼" Microphone Preamplifier

Note: Program updates and news about the IEEE P1451.4 standard are available on www.bk.dkl

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