CAN (Controller Area Network) is a serial data communications bus standard for transferring sensor data and control signals within vehicles during development or inspection.

The CAN ADAPTER 8910 allows you to freely select signals on the CAN bus for conversion to analog and logic signals for recording and monitoring. Via the real-time output, monitor CAN signals on your own MEMORY HiCORDER or other data recorder. By using it with a recorder, you can capture and store CAN sensor data and control signals along with signals acquired from non-CAN-bus devices.

Use your own recorder for CAN Signal Visualization
Record combinations of CAN Data Recording, CAN Data Monitoring, and Mechanical Data.

**MEMORY HiCORDER**
- Mechanical Data: Output from various sensors such as strain gauges, vibration pickups and pressure sensors.
- Logic Outputs: (0/5 V)
- Analog Outputs: (-5 to +5 V)

**Mixed Recording:** Mechanical + Control
- Mechanical Data: Output from various sensors such as strain gauges, vibration pickups and pressure sensors.
- Logic Outputs: (0/5 V)
- Analog Outputs: (-5 to +5 V)

**CAN Setup Function**
(Supplemental Function for MEMORY HiCORDERs)

By connecting a MEMORY HiCORDER Model 8841, 8842 or 8826 to the CAN ADAPTER 8910 via RS-232C, the output channel and other settings can be made simply from the MEMORY HiCORDER screen.

In addition, scaling and units can be set automatically by loading setting data for the 8910 from storage media (floppy diskette, PC Card or MO disc) or via RS-232C.

Settings for the 8910 stored on floppy diskette, PC Card or MO discs by a PC can be loaded by a MEMORY HiCORDER.
CAN bus data and other signals

Features of the CAN ADAPTER 8910

- Easily monitor a variety of CAN data
  The CAN Adapter 8910 allows you to freely select signals on the CAN bus for conversion to analog and logic signals.

- Monitor CAN signals on your existing MEMORY HiCORDER or similar recorder
  The CAN Adapter 8910 provides your selected CAN signals as analog (-5 to +5 V) or logic (0/5 V) outputs in real time. You can monitor CAN signals simply using your existing MEMORY HiCORDER or other data recorder.

- Record combinations of CAN bus sensor data and control signals along with signals acquired from non-CAN-bus devices
  To verify proper engine response and to evaluate ECUs, control signals and mechanical functions need to be recorded simultaneously. With the CAN Adapter 8910, you can record combinations of sensor data or control signals on the CAN bus and signals acquired from non-CAN-bus devices.

CAN Set Screen (PC Software Application)
You can select CAN definition data and output channels using the CAN Set Windows application running on a PC. Setting data can also be sent via RS-232C to the CAN Adapter 8910 at the touch of a button.
Specifications

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CAN Set Program (PC software application)

Supported Model | 8910 CAN ADAPTER |
Supplied Media | One CD-R |
Operating System Environment | Windows 95, 98, Me, NT4.0 (SP3 or later), 2000, XP |
Settings | CAN definition data, CAN input ports, output channels, ID trigger, ID filter, etc. |
Communications | 8910: RS-232C, MEMORY HiCORDER: Media (floppy diskette, PC Card, MO disc) |
Saving | Saves CAN definition data and 8910 setting data |

CAN Setup Function (Supplemental Function for MEMORY HiCORDERs)

Supported Recorder Models | Model 8826, 8841, 8842* MEMORY HiCORDERs |
Settings | Output channels, MEMORY HiCORDER channels, D/A conversion format, logic bit assignments |
Communications | 8910: Model 9557 RS-232 CARD (PC Card) |
| | PC: Media (floppy diskette, PC Card, MO disc) |
Saving | Six blocks of 8910 setting data can be saved in the backup memory of a MEMORY HiCORDER |

* MEMORY HiCORDERs currently in use can be upgraded to support the 8910. Use the accessory CD supplied with the 8910 for the upgrade.

Ordering Information

Model: CAN ADAPTER 8910

Model No., Order Code: (Note) 8910

(For the 8841, 8826 and similar products)

RS-232C Connector
Logic Output Connectors
CAN Input Connectors

8910E2-7YB Printed in Japan