MLT Advance Optical-Electrical conversion tool

[Configuration of MLT Advance system with optical-electrical conversion]

- Overview -

Convert CXPI/CAN/LIN communication between MLT Advance (hereinafter called "MLT") and test item (e.g. ECU) to optical signal via SPDIF optical cable.

Develop a MLT Advance system supporting optical-electrical conversion that can be electrically isolated MLT and its communication.

- Feature -

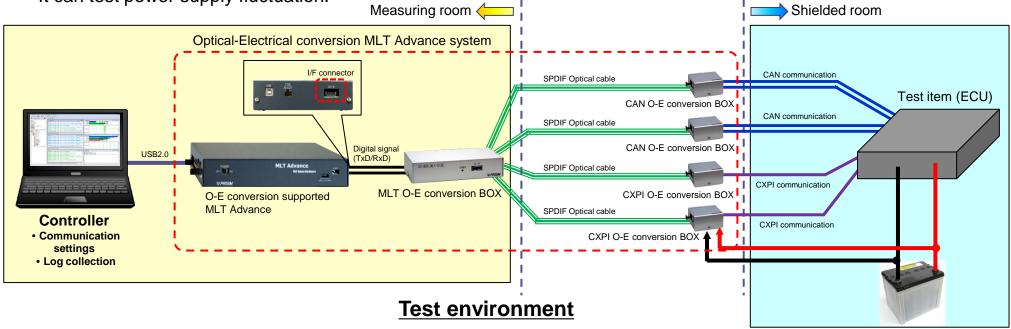
■ Improve EMI resistance by electrically isolating the communication ⁽¹⁾

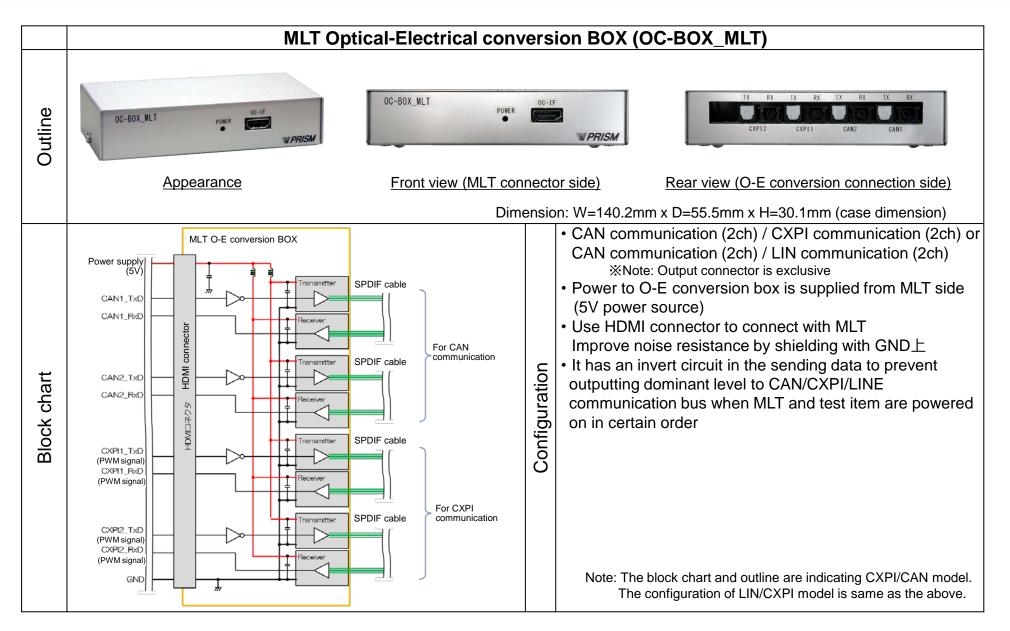
By using optical signal communication, it can reduce wave distortion and noise interference caused by cable handling. It can provide remotely operating test environment such as testing in shielded room ⁽²⁾

Note1: Noise resistance of the system has not been evaluated (e.g. ESD, BCI).

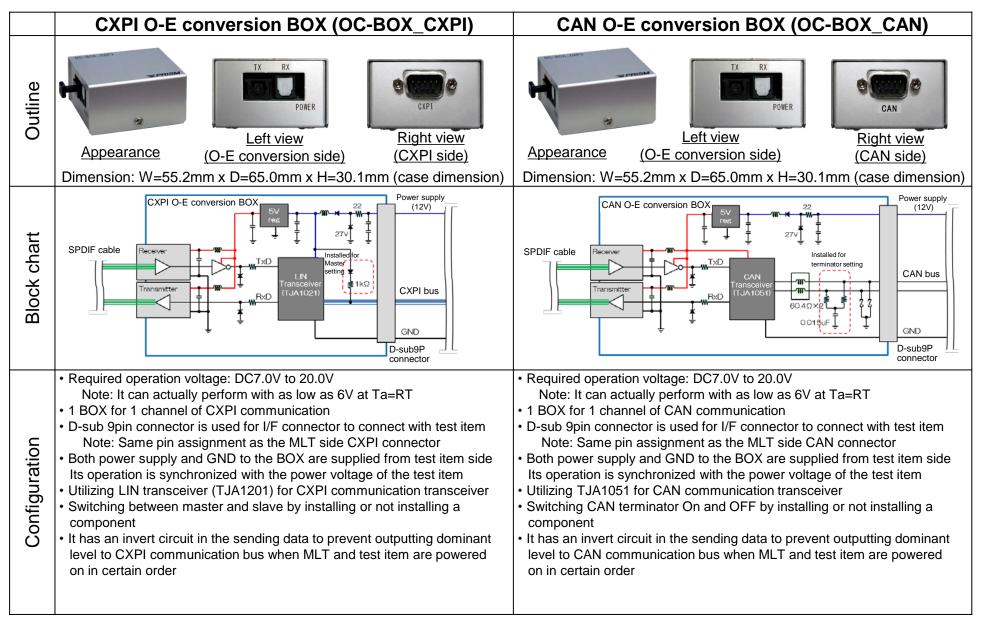
Note2: Noise emitted from the system (R/N) has not been evaluated.

Power supply for Optical-Electrical conversion box for each communication is supplied from test item side. It can test power supply fluctuation.



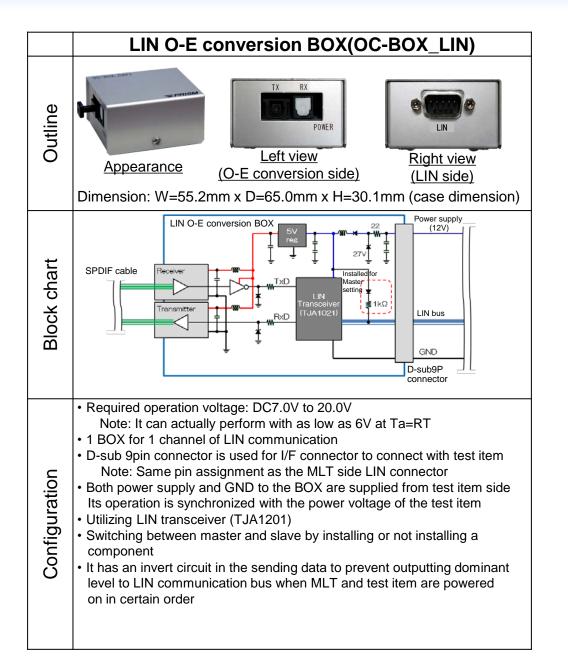








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MLT Advance Optical-Electrical conversion tool Price table

Product	Number of channels	Price(JPY) ⁽⁴⁾	Remarks
OC-BOX_MLT	CAN communication(2ch) CXPI communication (2ch)	¥195,000	HDMI cable (1.0m): 1 cable 12V power cable for Advance (2m): 1 cable
	CAN communication (2ch) LIN communication (2ch)	¥195,000	HDMI cable (1.0m): 1 cable 12V power cable for Advance (2m): 1 cable
OC-BOX_CAN ⁽¹⁾	CAN communication (1ch)	¥125,000	Optical cable (10m or 15m): 2 cables Can't be selected. Power and communication cable (2m): 1 cable
OC-BOX_CXPI ^{(1) (2)}	CXPI communication (1ch)	¥125,000	Optical cable (10m or 15m): 2 cables Can't be selected. Power and communication cable (2m): 1 cable
OC-BOX_LIN ^{(1) (2)}	LIN communication (1ch)	¥125,000	Optical cable (10m or 15m): 2 cables Can't be selected. Power and communication cable (2m): 1 cable
OC-FRM_Type-C	CAN communication (2ch) CXPI communication (2ch)	¥100,000	Firmware supporting Optical-Electrical conversion.
OC-FRM_Type-D	CAN communication (2ch) LIN communication (2ch)	¥100,000	Firmware supporting Optical-Electrical conversion.
MLT Advance	(3)	from ¥298,000	O-E conversion supported MLT Advance (MLT Advan model *****-P)

The list price is the price when purchased in Japan.

When purchasing from overseas, please contact a trading company.

Note1: 1 OC-BOX is required for every 1 channel

Note2: Please choose either Master or Slave (we will set it and deliver it)

Note3: Please refer to MLT Advance Catalog for details

Note4: The list price is the price when purchased in Japan.

Please contact us if you are purchasing from overseas.

About Our Company

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