

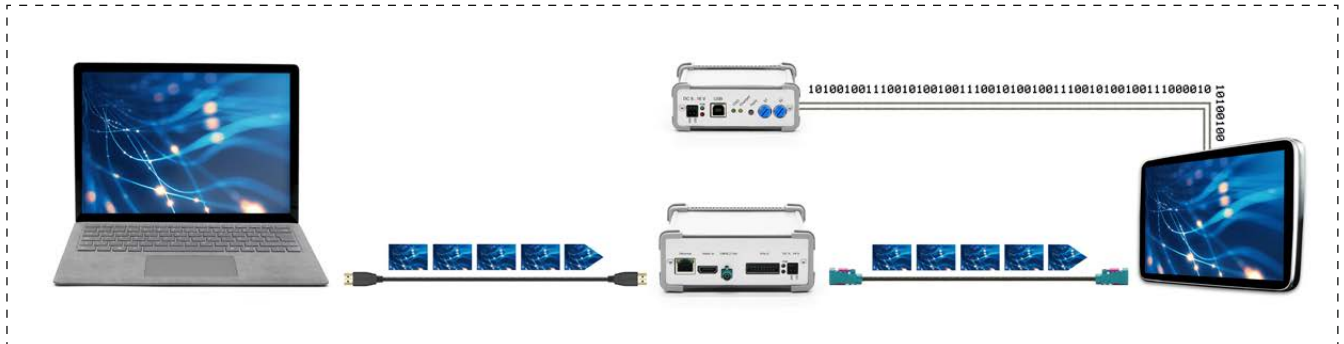


SIGNAL GENERATOR

Stand-alone playback of CAN messages

The answer to your challenges is here ▶

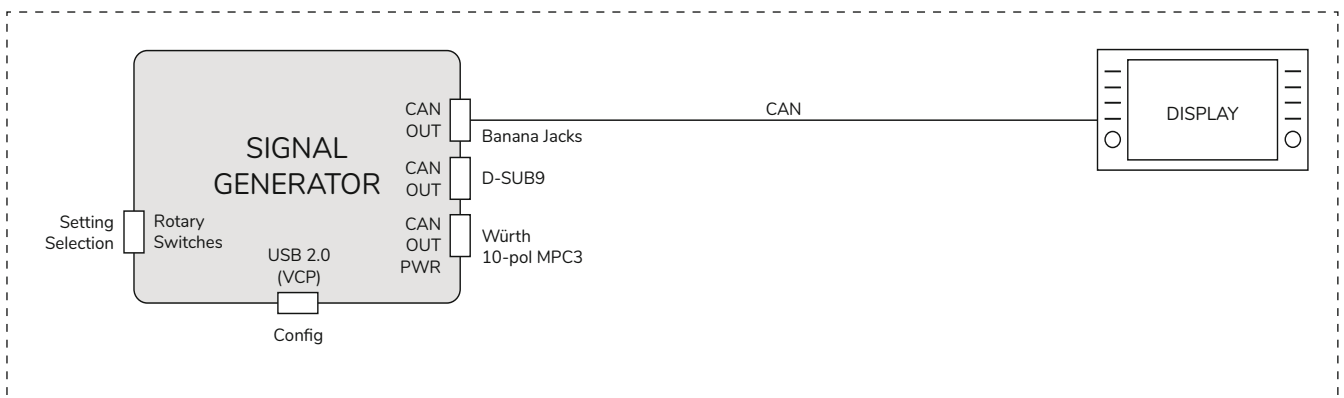
Stand-alone playback of CAN messages



Features

- ▶ Easy generation of CAN data for driving single components (e.g. Automotive Display) without need of expensive CAN tools
- ▶ Easy adaptable to new use-cases
- ▶ Applicable to Display, HEAD-Unit, Camera testing and other ECUs
- ▶ Wide variety of TZ add-on products

General Device Structure



Key Features

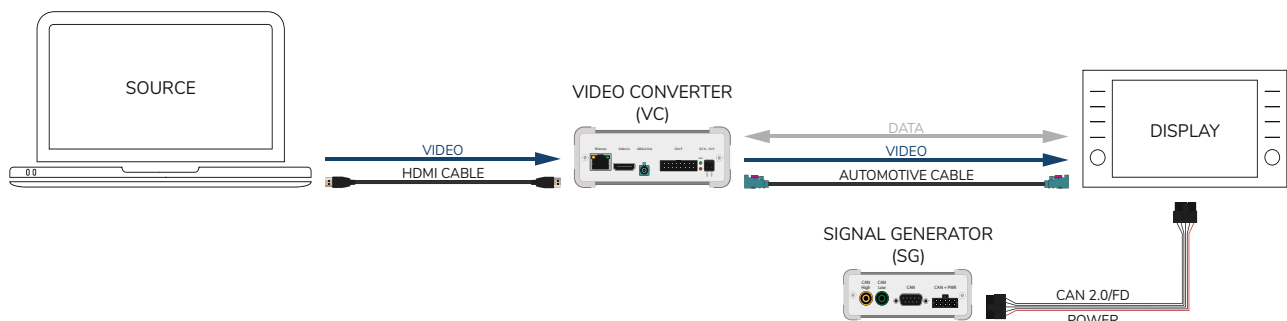
- Various output connectors (4mm Banana, D-Sub 9, Würth 10-pol MPC3)
- Power supply delivery to ECU over one connector (Würth 10-pol MPC3)
- Up to 25 messages per setting with variable cycle time
- Up to 80 pre-configured settings plus 20 user defined settings with
- 100 selectable settings for different use cases or components
- Message configuration possible for Extended ID, FD, RTR,...
- Selectable CAN bitrates per setting
- Activation / deactivation of the 120 Ohm termination
- Message configuration possible for CAN ID, Extended ID, CAN FD, RTR, data length and data

Typical Customer Applications

- Easy initial operation, evaluation, testing of components at user working desk without need of expensive tools

Use Cases

Display Driving



Technical Data

PC interface (configuration)	USB 2.0
Power supply	+9 to 16V (DC)
Max. Power Consumption	Max. 2W
Power Output	+9 to +16V (DC) (same voltage as input)
Max. Output Current	5A peak
Dimensions [L/W/H] (without connectors)	130 / 92 / 55 mm
Temperature range	0°C...70°C

Signal Generator Variations

Part No	Technology	CAN Output Connector 1	CAN Output Connector 2	CAN Output Connector 3
SG0010	CAN2.0	4 mm Banana Jacks	D-SUB 9 male socket	10 pin WE header with power supply
SG0011	CAN-FD	4 mm Banana Jacks	D-SUB 9 male socket	10 pin WE header with power supply


















SG0010



SG0011

Signal Generator Features


Part No	Features
SG0010	      
SG0011	       

 Setting Switches

 TZ GUI Support

 CAN CAN Playback

 Power supply

 Extended ID

 RTR

 120 Ohm termination

 CAN FD

Suitable Add-on Products

Description
All TZ products like Video Converter, Framegrabber and Signal Processing Units

Accessories

Part No	Description
AC2001	Universal Power Supply 12V/1A 2-pin Ria (EU,US,UK,AU)
AC3036	1,8m USB Cable (Type-A to Type-B plug)
AC3035	5,0m USB Cable (Type-A to Type-B plug)
	Further cable assemblies on request

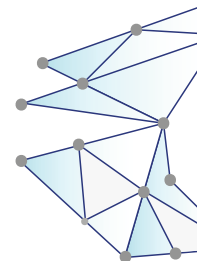
Imprint

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