

THE MEASURABLE DIFFERENCE.



DEWETRON

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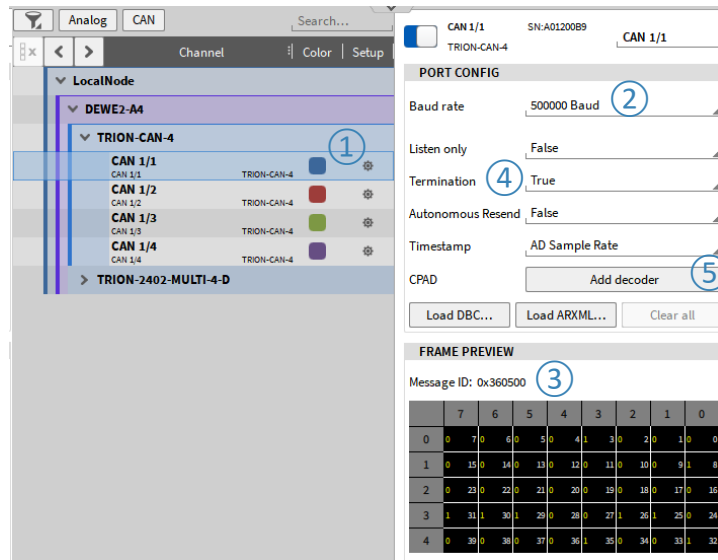
OXYGEN Training > CPAD Decoder Plugin





CHANNEL SETUP

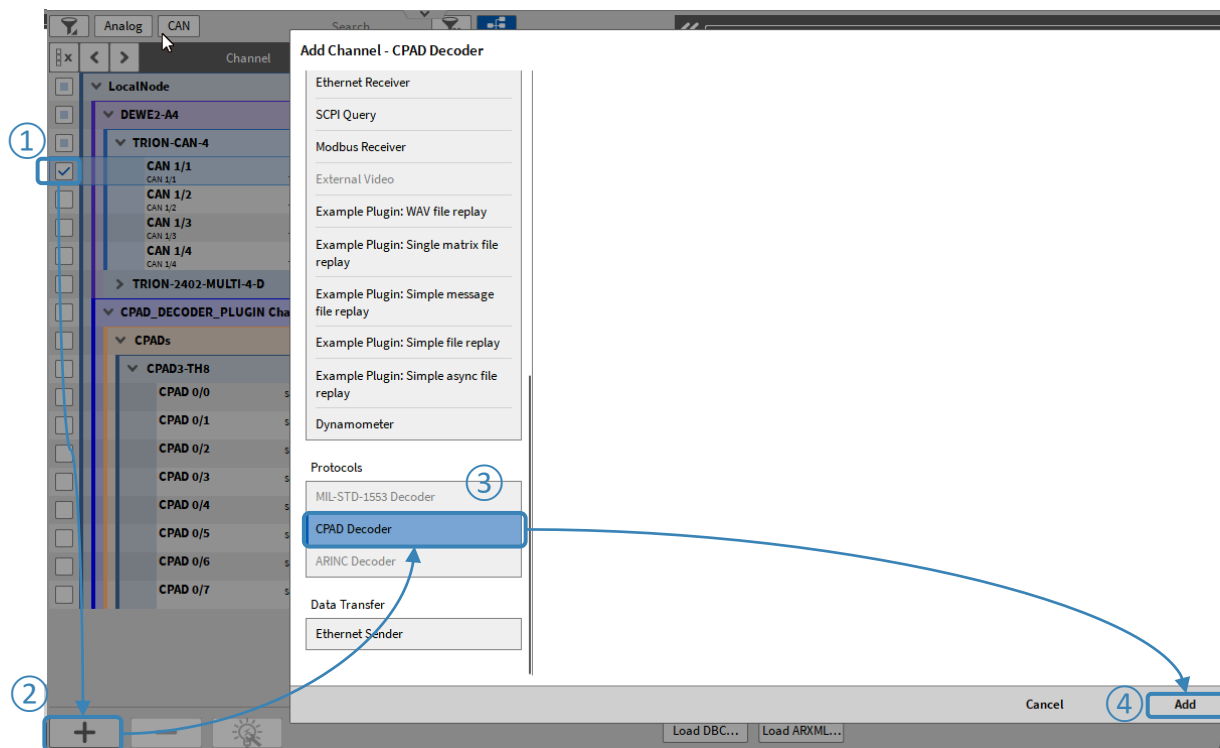
- 1 Go to the Channel List and open the channel settings of the CAN bus the CPAD is connected to
- 2 Select the Baud rate of the CPAD
- 3 If you don't know the CPAD's Baud rate change the Baud rates until the Frame Preview shows alternating Message IDs and frames
- 4 Make sure that the CAN bus is terminated with a 120 Ohm resistor or set the internal module termination to *True*
- 5 When the Baud rate is set up correctly press *Add decoder*



The CPAD Decoder plugin can be used to set up and decode channels of a CPAD without loading a dedicated dbc-file

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Remark: Instead of Pressing the Add Decoder button, the CPAD Decoder can also be added by selecting the respective CAN bus, pressing the „+“ button and selecting the „CPAD Decoder“ from the list.





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CHANNEL SETUP

- ① After creating the CPAD Decoder, the detected CPADs and their channel can be found in the channel list
 - ② If desired, the referring CAN port can be changed (i.e. when a CPAD is connected to a different port)
 - ③ The module baud rate can be changed here as well.
- make sure to change the CAN bus baud rate as well to properly receive and decode data

If one of several connected modules cannot be found in the list it has most likely a different baud rate than the others.

Change the CAN bus baud rate until the missing module is detected and change the module baud rate to the desired baud rate.

You can disconnect all modules but the missing module for an easier workflow here

The screenshot displays the DEWETRON software interface for channel setup. The left pane shows a tree view of channels under 'LocalNode'. The 'CPADs' sub-channel is selected and circled with a '1'. The right pane shows the 'PROPERTIES' for the selected 'CPADs' channel, with 'Input channel' set to 'CAN 1/1@DEWE2-A4_048' (circled with a '2') and 'Baud rate' set to '500000 Baud' (circled with a '3').



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CHANNEL SETUP

- ① Module specific information can be found but not edited here
- ② Channel specific settings can be found and edited in the individual Channel Setup
- ③ The module's sample rate can be changed in the Sample Rate column of the Channel List

Channel	Color	Setup	Active	Stored	Scaled Value	Mode	Sample Rate	Range	Scale
LocalNode									
DEWE2-A4									
CPAD_DECODER_PLUGIN Channels									
CPADs									
CPAD3-TH8									
CPAD 0/0	Serial: 442528 CPAD3-TH8				23.999054	AVG	10 Hz	TC Type K	Scale: 1 Offset: 0
CPAD 0/1	Serial: 442528 CPAD3-TH8				1372.0000	AVG	10 Hz	TC Type K	Scale: 1 Offset: 0
CPAD 0/2	Serial: 442528 CPAD3-TH8				1372.0000	AVG	10 Hz	TC Type K	Scale: 1 Offset: 0