

SLSS CANAnalyser TCP/IP Command List

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	Command	Parameter	Description	Example call
Sending CAN Data	SEND_A	CAN ID – The arbitration ID for the CAN message	Sends a CAN message to CAN channel A.	
		CAN data bytes – Underscore separated databytes in decimal notation	Note: Id and databytes are separated by a single whitespace and the databytes are separated by underscores.	SEND_A:123 255_255_255_0# (standard) SEND_A:123 255_255_255_0*# (extended)
		Extended flag [OPTIONAL] – * symbol as indicator for an extended (CAN 2.0B) CAN message	If you want to send an extended (CAN 2.0B) CAN message, add the * symbol at the end of the message.	
	SEND_B	"	Sends a CAN message to CAN channel B.	SEND_B:123 255_255_255_0# (normal) SEND_B:123 255_255_255_0*# (extended)
	SEND_AB	"	Sends a CAN message to both CAN channels.	SEND_AB:123 255_255_255_0# (normal) SEND_AB:123 255_255_255_0*# (extended)
Remote Commands	CTRL:MUTE_CAN	TCP/IP port – The port number which should be muted	Mutes forwarding of all CAN messages to the connected TCP/IP port.	CTRL:MUTE_CAN 49836#
	CTRL:UNMUTE_CAN	TCP/IP port – The port number which should be unmuted	Unmutes forwarding of all CAN messages to the connected TCP/IP port.	CTRL:UNMUTE_CAN 49836#
	CTRL:MUTE_A	TCP/IP port – The port number which should be muted	Mutes forwarding of all CAN channel A messages to the connected TCP/IP port. Note: All Remote-Control-Commands are flagged with a leading "CTRL:" and all following parameters are delimited with " ".	CTRL:MUTE_A 49836#
	CTRL:UNMUTE_A	TCP/IP port – The port number which should be unmuted	Unmutes forwarding of CAN channel A messages to the connected TCP/IP port.	CTRL:UNMUTE_A 49836#
	CTRL:MUTE_B	TCP/IP port – The port number which should be muted	Mutes forwarding of CAN channel B messages to the connected TCP/IP port.	CTRL:MUTE_B 49836#
	CTRL:UNMUTE_B	TCP/IP port – The port number which should be unmuted	Unmutes forwarding of CAN channel A messages to the connected TCP/IP port.	CTRL:UNMUTE_B 49836#
	CTRL:SET_SPEED	CAN Channel - The CAN channel on which the speed is to be changed (A,B,AB)	Sets the CAN speed of one or both CAN channels.	CTRL:SET_SPEED A 500# CTRL:SET_SPEED B 1000# CTRL:SET_SPEED AB 500#
		CAN Speed - the CAN arbitration speed value	Note: The speed can only be set if there is no dongle connection established!	
	CTRL:SET_FD_ACTIVESTATE	CAN Channel - The CAN channel on which the FD usage state is to be changed (A,B,AB)	Sets the CAN FD active state for one or both CAN channels.	CTRL:SET_FD_ACTIVESTATE A 1# CTRL:SET_FD_ACTIVESTATE B 0# CTRL:SET_FD_ACTIVESTATE AB 1#
		FD Usage - State if FD usage is activated (1) or deactivated (0)	Note: The FD usage state can only be set if there is no dongle connection established!	
	CTRL:SET_FD_MULTIPLICATOR	CAN Channel - The CAN channel on which the FD multiplier value is to be changed (A,B,AB)	Sets the CAN FD data rate multiplier for one or both CAN channels. The data field bitrate is then calculated from the arbitration bitrate multiplied by the set multiplier value.	CTRL:SET_FD_MULTIPLICATOR A 2# CTRL:SET_FD_MULTIPLICATOR B 4# CTRL:SET_FD_MULTIPLICATOR AB 1#
		Multiplier value - The baudrate multiplier value	Note: The FD multiplier can only be set if there is no dongle connection established!	
	CTRL:SET_FD_CUSTOMSTATE	CAN Channel - The CAN channel on which the FD custom settings value is to be changed (A,B,AB)	Sets the CAN FD custom settings usage checkbox for one or both CAN channels.	CTRL:SET_FD_CUSTOMSTATE A 1# CTRL:SET_FD_CUSTOMSTATE B 0# CTRL:SET_FD_CUSTOMSTATE AB 1#
		FD custom settings usage - State if FD custom settings are activated (1) or deactivated (0)	Note: The FD custom settings usage state can only be set if there is no dongle connection established!	
	CTRL:SET_FD_CUSTOMSETTINGS	CAN Channel - The CAN channel on which the FD custom settings value is to be changed (A,B,AB)	Sets the CAN FD custom settings for one or both CAN channels Note: The FD custom settings can only be set if there is no dongle connection established!	CTRL:SET_FD_CUSTOMSETTINGS A 80 119 40 40 8 1 1 14 5 5#
		Clock Frequency - value of the CAN transceiver clock frequency [100, 80, 50, 48, 40, 33.33, 32, 25]		
		PSEG1 (Arbitration) - Phase Segment 1 of arbitration part		
		PSEG2 (Arbitration) - Phase Segment 2 of arbitration part		
		SIJW (Arbitration) - Sync Jump Width of arbitration part		
		TDC - Transceiver delay compensation		
		Prescaler (Arbitration) - The prescaler value for the arbitration part		
		Prescaler (Data) - The prescaler value for the data part		
		PSEG1 (Data) - Phase Segment 1 of data part		
		PSEG2 (Data) - Phase Segment 2 of data part		
		SIJW (Data) - Sync Jump Width of data part		
	SET_MODE	CAN Channel - The CAN channel on which the CAN bus interaction mode is to be changed (A,B,AB)	Sets the CAN bus interaction mode for one or both CAN channels.	CTRL:SET_MODE A listen-only# CTRL:SET_MODE B off# CTRL:SET_MODE AB normal#
		CAN Bus interaction mode (normal, listen-only, off)	Note: The CAN bus interaction mode can only be set if there is no dongle connection established!	
	CTRL:SEARCH_MODULE		Automatic search and connect to a CAN dongle which is connected to the USB port. Note: The dongle search can only be started if there is no dongle connection established!	CTRL:SEARCH_MODULE#
	CTRL:CONNECT_MODULE	COM port - The COM port to which the Dongle is assigned	Establishing a connection to a specific CAN dongle Note: The dongle connection can only be established if a dongle is not already connected!	CTRL:CONNECT_MODULE COM14#
	CTRL:DISCONNECT_MODULE		Disconnects the dongle from the software.	CTRL:DISCONNECT_MODULE#
	CTRL:SET_RUNSTATE	Runstate - The run state of the program to be set (play, pause, stop)	Sets the current run state of the program (play, pause, stop).	CTRL:SET_RUNSTATE PLAY# CTRL:SET_RUNSTATE PAUSE# CTRL:SET_RUNSTATE STOP#
	CTRL:REC_START		Starts recording of CAN messages in the CAN Logfile Recorder tab.	CTRL:REC_START#
	CTRL:REC_STOP	File save path [OPTIONAL] - Path and file name of the log export. The export is possible as a *.csv or *.rcdf file.		CTRL:REC_STOP C:\CANData\Savefile.csv#
		File Overwrite Indicator [OPTIONAL]- Sets the file overwrite indicator. A set 0 [default] means that a log file with the same name will be overwritten, whereas a set 1 means that overwriting is prevented by using numeric prefixes (001_filename, 002_filename, etc.)	Stops recording of CAN messages and optionally saves the recorded data to a given file. Note: If no parameters are given, the recording is stopped without saving the logged data.	CTRL:REC_STOP C:\CANData\Savefile.csv 1#
		Special Delimiter Character [OPTIONAL] - Defines the special character that is used as a separator for the csv export instead of the localization-specific character.		CTRL:REC_STOP C:\CANData\Savefile.csv 1 "#
	CTRL:SET_CHANNEL	CAN Channel - The CAN channel which will be selected in the channel drop-down box (A,B,AB)	Sets which CAN channel configuration is selected in the "Choose CAN Channel" drop-down box.	CTRL:SET_CHANNEL A# CTRL:SET_CHANNEL B# CTRL:SET_CHANNEL AB#
	CTRL:SET_ID_FORMAT	The ID format - Abbreviation for the arbitration ID format (dec, hex, bin)	Sets the notation for the arbitration ID format (binary, decimal, hexadecimal).	CTRL:SET_ID_FORMAT dec# CTRL:SET_ID_FORMAT hex# CTRL:SET_ID_FORMAT bin#
	CTRL:SET_DATA_FORMAT	The data format - Abbreviation for the data format (dec, hex, bin)	Sets the notation for the data format (binary, decimal, hexadecimal).	CTRL:SET_DATA_FORMAT dec# CTRL:SET_DATA_FORMAT hexl# CTRL:SET_DATA_FORMAT bin#
	CTRL:LOAD_PROJECT	File path - The file path of the project file to be loaded	Loading an SLSS CANAnalyser project that is saved under the specified path Note: A project can only be loaded if there is no dongle connection established!	CTRL:LOAD_PROJECT C:\CANData\Savefile.caf#
	CTRL:RESTART_SOFTWARE	TCP/IP start indicator [OPTIONAL] - State if the TCP/IP interface is enabled 1 or disabled 0 (default) after restart	Restarts the SLSS CANAnalyser and optionally sets the active status of the TCP/IP interface after the restart.	CTRL:RESTART_SOFTWARE# CTRL:RESTART_SOFTWARE 0# CTRL:RESTART_SOFTWARE 1#
	CTRL:CLOSE_SOFTWARE		Closes the SLSS CANAnalyser software.	CTRL:CLOSE_SOFTWARE#
Status requests	CTRL:GET_CONNECTION		Gets information about the current Dongle connection status.	CTRL:GET_CONNECTION#
	CTRL:GET_RUNSTATE		Gets information about the current program run state (play, record, stop, pause)	CTRL:GET_RUNSTATE#