

Table of the individual CVs (Configuration Variables)

CV addr. 1	CV addr. 2	CV addr. 3	Description	Values area	value plant
897	897	897	SUSI address range 1 = from 900 to 939 2 = from 940 to 979 3 = from 980 to 1019	1-3	1
900	940	980	Manufacturer identification	-	85
901	941	981	Software version	-	different
902	942	982	Volume of the sound	50 - 200	192
903	943	983	function activates sound number x (x = value of the CV) x = 0 no sound is activated x = 1 bell or horn 2 x = 2 whistle or horn 1 x = 3 driving noise of the locomotive x = 4 uncoupler or door warning tone x = 5 Conductor's whistle short x = 6 station announcement x = 8 x Show or hide the entire sound = 9 pantograph (for electric locomotives) x = 11 Departure announcement x = 12 Conductor's whistle long x = 14 shoveling coals / door closing tone x = 15 Pump / air compressor x = 16 Attention whistle x = 17 Blow off / not occupied x = 18 Shaking rust / not occupied x = 95 Smoke generator always on at maximum x = 96 Smoke generator always off x = 97 Switch off brake noise via function x = 98 Fan manually (for Ellok) via function x = 99 Start-up hissing manually (for steam locomotives) x = 200 own sound x = 201 own sound x = 202 own sound x = 203 own sound	0-18 95 - 99 200 - 203	0
904	944	984	f1 activates sound number x Values for x corresponding to CV903/943/983	so	0
905	945	985	f2 activated sound number x Values for x corresponding to CV903/943/983	so	3
906	946	986	f3 activates sound number x Values for x corresponding to CV903/943/983	so	0
907	947	987	f4 activates sound number x Values for x corresponding to CV903/943/983	so	0
908	948	988	f5 activates sound number x Values for x corresponding to CV903/943/983	so	2
909	949	989	f6 activates sound number x Values for x corresponding to CV903/943/983	so	1
910	950	990	f7 activates sound number x Values for x corresponding to CV903/943/983	so	4
911	951	991	f8 activates sound number x Values for x corresponding to CV903/943/983	so	=
912	952	992	f9 activates sound number x Values for x corresponding to CV903/943/983	so	5
913	953	993	f10 activated sound number x Values for x corresponding to CV903/943/983	so	0
914	954	994	f11 activates sound number x Values for x corresponding to CV903/943/983	so	15
915	955	995	f12 activated sound number x Values for x corresponding to CV903/943/983	so	0
916	956	996	f13 activates sound number x Values for x corresponding to CV903/943/983	so	11
917	957	997	f14 activates sound number x Values for x corresponding to CV903/943/983	so	14
918	958	998	f15 activates sound number x Values for x corresponding to CV903/943/983	so	0
919	959	999	f16 activated sound number x Values for x corresponding to CV903/943/983	so	12
920	960	1000	f17 activates sound number x Values for x corresponding to CV903/943/983	so	9
921	961	1001	f18 activated sound number x Values for x corresponding to CV903/943/983	so	0
922	962	1002	f19 activates sound number x Values for x corresponding to CV903/943/983	so	0
923	963	1003	f20 activated sound number x Values for x corresponding to CV903/943/983	so	0
924	964	1004	f21 activated sound number x Values for x corresponding to CV903/943/983	so	0
925	965	1005	f22 activated sound number x Values for x correspond to CV903/943/983	so	0

926	966	1006	f23 activates sound number x Values for x corresponding to CV903/943/983	so	0
927	967	1007	f24 activated sound number x Values for x corresponding to CV903/943/983	so	0
928	968	1008	f25 activated sound number x Values for x corresponding to CV903/943/983	so	200
929	969	1009	f26 activated sound number x Values for x corresponding to CV903/943/983	so	201
930	970	1010	f27 activated sound number x Values for x corresponding to CV903/943/983	so	202
931	971	1011	f28 activated sound number x Values for x correspond to CV903/943/983	so	203
934	974	1014	Switching threshold for electric fans on an electric locomotive 255 = no fan noise	0 - 255	200
935	975	1015	Configuration Bit 0 = 0 Exhaust blow steam locomotive only via Reedk. Bit 0 = 1 exhaust blow steam locomotive automatically and via reed contact Bit 1 = 1 Pause before repeating the whistle Bit 2 = 1 Exhaust blows halve Bit 4 = 0 Firebox flickering Fire Bit 4 = 1 output, as long as heater shovels Change the fader time to 8 seconds and automatically on when switched on Bit 7 = 0 Power amplifier always switched on Bit 7 = 1 Power amplifier switched off when sound is off	1 2 4 16 64 128	0 - 195 129
936	976	1016	Brake noise threshold 255 = no brake squeak	10-255	80
937	977	1017	Idle time in seconds 0 = Idle off 255 = Idle always on	0 - 255	15
938	978	1018	Time between two exhaust hits at maximum locomotive speed without contact, time	0 - 100	0
939	979	1019	between two exhaust hits at minimum locomotive speed without contact Setting	50 - 255	230
1021	1061	1101	the bank to be programmed For all subsequent settings = 1 (Bank A)	0, 1	0
The following expert CVs (Bank A) can only be programmed if CV 1021 is set to 1.					
After programming in bank A, set CV 1021 back to 0!					
900 A	940 A	980 A	Hardware version (Product ID)	-	0
901 A	941 A	981 A	Additional information hardware/software version	-	255
903 A	943 A	983 A	relative volume for your own sound - number 200 relative	25 - 255	128
904 A	944 A	984 A	volume for your own sound - number 201 relative volume for your own sound - number 202 relative volume for your own	25 - 255	128
905 A	945 A	985 A	your own sound - number 202 relative volume for your own	25 - 255	128
906 A	946 A	986 A	sound - number 203	25 - 255	128
922 A	962 A	1002 A	speed level from which the cornering squeak begins	0 - 127	16
923 A	963 A	1003 A	speed level from which the corner squeaking stops	0 - 127	48
924 A	964 A	1004 A	Special function with which the external input for electric locomotives and diesel locomotives can be switched off for curve squeaking Values 0-28 are assigned to functions f0 to f28 Value = 31 Curve squeak always active	0-28 31	31
925 A	965 A	1005 A	Special function with which the waiting time from CV 926 A can be switched off Values 0-28 are assigned to functions f0 to f28 Value = 31 no shutdown	0-28 31	31
926 A	966 A	1006 A	Waiting time when driving off in 32ms increments (30 = 1 second, 254 = 8.13 seconds 0 = none, 255 = off (waiting time then sound controlled)	0 - 254	255
927 A	967 A	1007 A	For steam locomotives, load time when activated by acceleration 1008 A For	5 - 20	5
928 A	968 A	1008 A	steam locomotives, load time when activated by load increase 1009 A Steam output	5 - 20	5
929 A	969 A	1009 A	(SA1) when stationary when sound is on 0 - 100% 0 - 100 1010 A Steam output (SA1) is moving when sound is on	0 - 100	20
930 A	970 A	0 - 100 % 0 - 100 1011 A Steam output (SA1) at idle when sound is on 0 - 100 % 0 - 100 Steam output (SA1) when	0 - 100	80	
931 A	971 A	1011 A	starting when sound is on 0 - 100%	0 - 100	35
932 A	972 A	1012 A	During the waiting time (CV 926 A), a connected steam generator is generator preheated with this value	0 - 100	100
The following settings for sounds that can be triggered automatically when driving off					
933 A	973 A	1013 A	Waiting time for the sound number to be triggered automatically 16 (short whistle) 0 = always, 255 = never	0 - 255	255
934 A	974 A	1014 A	Service life for automatic sound function 99 (Start-up hissing) 0 = from 1 second, 255 = never	0 - 255	90
Subsequent settings for dynamic sound reactions					
935 A	975 A	1015 A	1015 A detection "faster"	120 - 138	131
936 A	976 A	1016 A	1016 A "slower" detection	120 - 138	125
937 A	977 A	1017 A	Sensitivity to load changes 1 = responds very quickly to 8 = responds very slowly	1-8	6
938 A	978 A	1018 A	Trigger threshold when engine load increases 128 = Tone change switched off when load increases	0 - 128	3
939 A	979 A	1019 A	Trigger threshold when engine load decreases 128 = Tone change switched off when load decreases	0 - 128	3

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