

CV Auxiliary controller table

NOTE: Depending in which bank (0 - 3) the function to be programmed is located, CV1021 must be programmed with the value corresponding to the number of the bank before CV programming!
So, the controller uses four times the CVs 980 - 1019 from the column "CV Slave 3". The CVs from the columns "CV Slave 1" and "CV Slave 2" are usually used by SUSI sound modules.

CV Slave 1	CV Slave 2	CV Slave 3	Bank (CV1021)	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0	Meaning	Default
	897									x	x	Slave Number 1-3	3
	898											Reserved	0
	899											Reserved	0
900	940	980	0	ID	ID	ID	ID	ID	ID	ID	ID	Manufacturer ID NMRA	162
901	941	981	0									Manufacturer Subversion	
902	942	982	0	F7_on	F6_on	F5_on	F4_on	F3_on	F2_on	F1_on	F0_on	Output 1 Function Forward_On	8
903	943	983	0	F15_on	F14_on	F13_on	F12_on	F11_on	F10_on	F9_on	F8_on	Output 1 Function Forward_On	0
904	944	984	0	F23_on	F22_on	F21_on	F20_on	F19_on	F18_on	F17_on	F16_on	Output 1 Function Forward_On	0
905	945	985	0	F31_on	F30_on	F29_on	F28_on	F27_on	F26_on	F25_on	F24_on	Output 1 Function Forward_On	0
906	946	986	0	F7_on	F6_on	F5_on	F4_on	F3_on	F2_on	F1_on	F0_on	Output 1 Function Backwards_On	8
907	947	987	0	F15_on	F14_on	F13_on	F12_on	F11_on	F10_on	F9_on	F8_on	Output 1 Function Backwards_On	0
908	948	988	0	F23_on	F22_on	F21_on	F20_on	F19_on	F18_on	F17_on	F16_on	Output 1 Function Backwards_On	0
909	949	989	0	F31_on	F30_on	F29_on	F28_on	F27_on	F26_on	F25_on	F24_on	Output 1 Function Backwards_On	0
910	950	990	0	F7_off	F6_off	F5_off	F4_off	F3_off	F2_off	F1_off	F0_off	Output 1 Function Forward_Off	0
911	951	991	0	F15_off	F14_off	F13_off	F12_off	F11_off	F10_off	F9_off	F8_off	Output 1 Function Forward_Off	0
912	952	992	0	F23_off	F22_off	F21_off	F20_off	F19_off	F18_off	F17_off	F16_off	Output 1 Function Forward_Off	0
913	953	993	0	F31_off	F30_off	F29_off	F28_off	F27_off	F26_off	F25_off	F24_off	Output 1 Function Forward_Off	0
914	954	994	0	F7_off	F6_off	F5_off	F4_off	F3_off	F2_off	F1_off	F0_off	Output 1 Function Backwards_On	0
915	955	995	0	F15_off	F14_off	F13_off	F12_off	F11_off	F10_off	F9_off	F8_off	Output 1 Function Backwards_On	0
916	956	996	0	F23_off	F22_off	F21_off	F20_off	F19_off	F18_off	F17_off	F16_off	Output 1 Function Backwards_On	0
917	957	997	0	F31_off	F30_off	F29_off	F28_off	F27_off	F26_off	F25_off	F24_off	Output 1 Function Backwards_On	0
918	958	998	0									Output 1 SpecialFunction 1	0
919	959	999	0									Output 1 SpecialFunction 2	0
920	960	1000	0	F7_on	F6_on	F5_on	F4_on	F3_on	F2_on	F1_on	F0_on	Output 2 Function Forward_On	16
921	961	1001	0	F15_on	F14_on	F13_on	F12_on	F11_on	F10_on	F9_on	F8_on	Output 2 Function Forward_On	0
922	962	1002	0	F23_on	F22_on	F21_on	F20_on	F19_on	F18_on	F17_on	F16_on	Output 2 Function Forward_On	0
923	963	1003	0	F31_on	F30_on	F29_on	F28_on	F27_on	F26_on	F25_on	F24_on	Output 2 Function Forward_On	0
924	964	1004	0	F7_on	F6_on	F5_on	F4_on	F3_on	F2_on	F1_on	F0_on	Output 2 Function Backwards_On	16
925	965	1005	0	F15_on	F14_on	F13_on	F12_on	F11_on	F10_on	F9_on	F8_on	Output 2 Function Backwards_On	0
926	966	1006	0	F23_on	F22_on	F21_on	F20_on	F19_on	F18_on	F17_on	F16_on	Output 2 Function Backwards_On	0
927	967	1007	0	F31_on	F30_on	F29_on	F28_on	F27_on	F26_on	F25_on	F24_on	Output 2 Function Backwards_On	0
928	968	1008	0	F7_off	F6_off	F5_off	F4_off	F3_off	F2_off	F1_off	F0_off	Output 2 Function Forward_Off	0
929	969	1009	0	F15_off	F14_off	F13_off	F12_off	F11_off	F10_off	F9_off	F8_off	Output 2 Function Forward_Off	0
930	970	1010	0	F23_off	F22_off	F21_off	F20_off	F19_off	F18_off	F17_off	F16_off	Output 2 Function Forward_Off	0
931	971	1011	0	F31_off	F30_off	F29_off	F28_off	F27_off	F26_off	F25_off	F24_off	Output 2 Function Forward_Off	0
932	972	1012	0	F7_off	F6_off	F5_off	F4_off	F3_off	F2_off	F1_off	F0_off	Output 2 Function Backwards_On	0
933	973	1013	0	F15_off	F14_off	F13_off	F12_off	F11_off	F10_off	F9_off	F8_off	Output 2 Function Backwards_On	0
934	974	1014	0	F23_off	F22_off	F21_off	F20_off	F19_off	F18_off	F17_off	F16_off	Output 2 Function Backwards_On	0
935	975	1015	0	F31_off	F30_off	F29_off	F28_off	F27_off	F26_off	F25_off	F24_off	Output 2 Function Backwards_On	0
936	976	1016	0									Output 2 SpecialFunction 1	0
937	977	1017	0									Output 2 SpecialFunction 2	0
938	978	1018	0	Test Mode							Direction by Vistor Vsol	Module configuration 1	1
939	979	1019	0									Value 255 = Reset Default settings	0
900	940	980	1									Manufacturer ID NMRA	0
901	941	981	1									Manufacturer Subversion	0
902	942	982	1	F7_on	F6_on	F5_on	F4_on	F3_on	F2_on	F1_on	F0_on	Output 3 Function Forward_On	32
903	943	983	1	F15_on	F14_on	F13_on	F12_on	F11_on	F10_on	F9_on	F8_on	Output 3 Function Forward_On	0
904	944	984	1	F23_on	F22_on	F21_on	F20_on	F19_on	F18_on	F17_on	F16_on	Output 3 Function Forward_On	0
905	945	985	1	F31_on	F30_on	F29_on	F28_on	F27_on	F26_on	F25_on	F24_on	Output 3 Function Forward_On	0
906	946	986	1	F7_on	F6_on	F5_on	F4_on	F3_on	F2_on	F1_on	F0_on	Output 3 Function Backwards_On	32
907	947	987	1	F15_on	F14_on	F13_on	F12_on	F11_on	F10_on	F9_on	F8_on	Output 3 Function Backwards_On	0
908	948	988	1	F23_on	F22_on	F21_on	F20_on	F19_on	F18_on	F17_on	F16_on	Output 3 Function Backwards_On	0
909	949	989	1	F31_on	F30_on	F29_on	F28_on	F27_on	F26_on	F25_on	F24_on	Output 3 Function Backwards_On	0
910	950	990	1	F7_off	F6_off	F5_off	F4_off	F3_off	F2_off	F1_off	F0_off	Output 3 Function Forward_Off	0
911	951	991	1	F15_off	F14_off	F13_off	F12_off	F11_off	F10_off	F9_off	F8_off	Output 3 Function Forward_Off	0
912	952	992	1	F23_off	F22_off	F21_off	F20_off	F19_off	F18_off	F17_off	F16_off	Output 3 Function Forward_Off	0
913	953	993	1	F31_off	F30_off	F29_off	F28_off	F27_off	F26_off	F25_off	F24_off	Output 3 Function Forward_Off	0
914	954	994	1	F7_off	F6_off	F5_off	F4_off	F3_off	F2_off	F1_off	F0_off	Output 3 Function Backwards_On	0
915	955	995	1	F15_off	F14_off	F13_off	F12_off	F11_off	F10_off	F9_off	F8_off	Output 3 Function Backwards_On	0
916	956	996	1	F23_off	F22_off	F21_off	F20_off	F19_off	F18_off	F17_off	F16_off	Output 3 Function Backwards_On	0
917	957	997	1	F31_off	F30_off	F29_off	F28_off	F27_off	F26_off	F25_off	F24_off	Output 3 Function Backwards_On	0
918	958	998	1									Output 3 SpecialFunction 1	0
919	959	999	1									Output 3 SpecialFunction 2	0
920	960	1000	1	F7_on	F6_on	F5_on	F4_on	F3_on	F2_on	F1_on	F0_on	Output 4 Function Forward_On	0
921	961	1001	1	F15_on	F14_on	F13_on	F12_on	F11_on	F10_on	F9_on	F8_on	Output 4 Function Forward_On	0
922	962	1002	1	F23_on	F22_on	F21_on	F20_on	F19_on	F18_on	F17_on	F16_on	Output 4 Function Forward_On	0
923	963	1003	1	F31_on	F30_on	F29_on	F28_on	F27_on	F26_on	F25_on	F24_on	Output 4 Function Forward_On	0
924	964	1004	1	F7_on	F6_on	F5_on	F4_on	F3_on	F2_on	F1_on	F0_on	Output 4 Function Backwards_On	0
925	965	1005	1	F15_on	F14_on	F13_on	F12_on	F11_on	F10_on	F9_on	F8_on	Output 4 Function Backwards_On	0
926	966	1006	1	F23_on	F22_on	F21_on	F20_on	F19_on	F18_on	F17_on	F16_on	Output 4 Function Backwards_On	0
927	967	1007	1	F31_on	F30_on	F29_on	F28_on	F27_on	F26_on	F25_on	F24_on	Output 4 Function Backwards_On	0
928	968	1008	1	F7_off	F6_off	F5_off	F4_off	F3_off	F2_off	F1_off	F0_off	Output 4 Function Forward_Off	0
929	969	1009	1	F15_off	F14_off	F13_off	F12_off	F11_off	F10_off	F9_off	F8_off	Output 4 Function Forward_Off	0
930	970	1010	1	F23_off	F22_off	F21_off	F20_off	F19_off	F18_off	F17_off	F16_off	Output 4 Function Forward_Off	0
931	971	1011	1	F31_off	F30_off	F29_off	F28_off	F27_off	F26_off	F25_off	F24_off	Output 4 Function Forward_Off	0
932	972	1012	1	F7_off	F6_off	F5_off	F4_off	F3_off	F2_off	F1_off	F0_off	Output 4 Function Backwards_On	0
933	973	1013	1	F15_off	F14_off	F13_off	F12_off	F11_off	F10_off	F9_off	F8_off	Output 4 Function Backwards_On	0
934	974	1014	1	F23_off	F22_off	F21_off	F20_off	F19_off	F18_off	F17_off	F16_off	Output 4 Function Backwards_On	0
935	975	1015	1	F31_off	F30_off	F29_off	F28_off	F27_off	F26_off	F25_off	F24_off	Output 4 Function Backwards_On	0
936	976	1016	1									Output 4 SpecialFunction 1	0
937	977	1017	1									Output 4 SpecialFunction 2	0
938	978	1018	1	---	---	Output 6	Output 5	Output 4	Output 3	Output 2	Output 1	Analog Function forward	4
939	979	1019	1	---	---	Output 6	Output 5	Output 4	Output 3	Output 2	Output 1	Analog Function backwards	4
900	940	980	2									Manufacturer ID NMRA	
901	941	981	2									Manufacturer Subversion	
902	942	982	2	F7_on	F6_on	F5_on	F4_on	F3_on	F2_on	F1_on	F0_on	Output 5 Function Forward_On	
903	943	983	2	F15_on	F14_on	F13_on	F12_on	F11_on	F10_on	F9_on	F8_on	Output 5 Function Forward_On	
904	944	984	2	F23_on	F22_on	F21_on	F20_on	F19_on	F18_on	F17_on	F16_on	Output 5 Function Forward_On	
905	945	985	2	F31_on	F30_on	F29_on	F28_on	F27_on	F26_on	F25_on	F24_on	Output 5 Function Forward_On	
906	946	986	2	F7_on	F6_on	F5_on	F4_on	F3_on	F2_on	F1_on	F0_on	Output 5 Function Backwards_On	
907	947	987	2	F15_on	F14_on	F13_on	F12_on	F11_on	F10_on	F9_on	F8_on	Output 5 Function Backwards_On	
908	948	988	2	F23_on	F22_on	F21_on	F20_on	F19_on	F18_on	F17_on	F16_on	Output 5 Function Backwards_On	
909	949	989	2	F31_on	F30_on	F29_on	F28_on	F27_on	F26_on	F25_on	F24_on	Output 5 Function Backwards_On	
910	950	990	2	F7_off	F6_off	F5_off	F4_off	F3_off	F2_off	F1_off	F0_off	Output 5 Function Forward_Off	
911	951	991	2	F15_off	F14_off	F13_off	F12_off	F11_off	F10_off	F9_off	F8_off	Output 5 Function Forward_Off	
912	952	992	2	F23_off	F22_off	F21_off	F20_off	F19_off	F18_off	F17_off	F16_off	Output 5 Function Forward_Off	
913	953	993	2	F31_off	F30_off	F29_off	F28_off	F27_off	F26_off	F25_off	F24_off	Output 5 Function Forward_Off	

