

VB6 Sub	Befehl	Hex	Kapitel V3.6	Kapitel V4	Kapitel Z21	Version
	Quittierung	0x20		3.1		V3
CmdAllesAn()	Alles An LAN_X_SET_TRACK_POWER_ON	0x21 0x81	3.2.1	3.2	2.6	V3
CmdAllesAus()	Alles Aus (Notaus) LAN_X_SET_TRACK_POWER_OFF	0x21 0x80	3.2.2	3.3	2.5	V3
CmdAlleLoksAnhalten()	Alle Loks anhalten (Nothalt) LAN_X_SET_STOP	0x80	3.2.3	3.4	2.13	V3
CmdEineLokAnhalten (ByVal address As Integer)	Eine Lok anhalten (Nothalt für eine Lok) LAN_X_SET_LOCO_E_STOP	0x92 AH AL	3.2.4	3.7	4.5	V3
CmdLeseanfrageProgrammierenRegistermode (ByVal Register As Byte)	Leseanfrage Programmieren 3-Byte-Format (Registermode) LAN_X_DCC_READ_REGISTER	0x22 0x11 REG	3.2.5	3.9	6.13	V3
CmdLeseanfrageProgrammieren (ByVal CV As Integer)	Leseanfrage Programmieren 4-Byte-Format (CV-Mode, CV 1-256)	0x22 0x15 CV	3.2.6	3.10		V3
	Leseanfrage Programmieren 4-Byte-Format (CV 1-255 und CV1024)	0x22 0x18 CV	3.2.7	3.11		V3.6
	Leseanfrage Programmieren 4-Byte-Format (CV 256-511)	0x22 0x19 CV	3.2.8	3.12		V3.6
	Leseanfrage Programmieren 4-Byte-Format (CV 512-767)	0x22 0x1A CV	3.2.9	3.13		V3.6
	Leseanfrage Programmieren 4-Byte-Format (CV 768-1023)	0x22 0x1B CV	3.2.10	3.14		V3.6
CmdLeseanfrageProgrammierenPageMode (ByVal CV As Integer)	Leseanfrage Programmieren 3-Byte-Format (PageMode) LAN_X_DCC_READ_REGISTER	0x22 0x14 CV	3.2.11	3.15		V3
CmdProgrammierergebnisAnfordern	Programmierergebnis anfordern	0x21 0x10	3.2.12	3.16		V3
CmdSchreibbefehlProgrammierenRegisterMode (ByVal Register As Byte, ByVal Daten As Integer)	Schreibbefehl Programmieren 3-Byte-Format (Register-Mode) LAN_X_DCC_WRITE_REGISTER	0x23 0x12 REG Daten	3.2.13	3.17	6.14	V3
CmdSchreibbefehlProgrammieren (ByVal CV As Integer, ByVal Daten As Byte)	Schreibbefehl Programmieren 4-Byte-Format (CV-Mode, CV 1-256)	0x23 0x16 CV Daten	3.2.14	3.18		V3
	Schreibbefehl Programmieren 4-Byte-Format (CV-Mode, CV 1-255 und CV1024)	0x23 0x1C CV Daten	3.2.15	3.19		V3.6
	Schreibbefehl Programmieren 4-Byte-Format (CV-Mode, CV 256-511)	0x23 0x1D CV Daten	3.2.16	3.20		V3.6
	Schreibbefehl Programmieren 4-Byte-Format (CV-Mode, CV 512-767)	0x23 0x1E CV Daten	3.2.17	3.21		V3.6
	Schreibbefehl Programmieren 4-Byte-Format (CV-Mode, CV 768-1023)	0x23 0x1F CV Daten	3.2.18	3.22		V3.6
CmdSchreibbefehlProgrammierenPageMode (ByVal CV As Integer, ByVal Daten As Integer)	Schreibbefehl Programmieren 3-Byte-Format (Page-Mode) LAN_X_DCC_WRITE_REGISTER	0x23 0x17 CV Daten	3.2.19	3.23		V3
CmdSoftwareversionZentraleAnfordern()	Softwareversion der Zentrale anfordern LAN_X_GET_VERSION	0x21 0x21	3.2.20	3.24	2.3	V3
CmdErweiterteZentralenVersionsinformation()	Erweiterte Zentralen Versionsinformation abfragen	0x21 0x23		3.25		V3.8
CmdStatusZentraleAnfordern()	Status der Zentrale anfordern LAN_X_GET_STATUS	0x21 0x24	3.2.21	3.26	2.4	V3
CmdZentralenStartmodeSetzen (ByVal AutoStart As Boolean)	Zentralen-Startmode setzen	0x22 0x22 00000000	3.2.22	3.27		
	Service Variable Lesebefehl	0x22 0x25 SV-ADR		3.28		V3.8
	Service Variable Schreibbefehl	0x22 0x26 SV-ADR Daten		3.29		V3.8
CmdPoMErgebnisAnfordern()	PoM-Ergebnis anfordern	0x21 0x27		3.30		V3.8
CmdZentralenResetAuslösen()	Zentralen Reset auslösen	0x21 0x28		3.31		V3.8
CmdModellzeitAnfordern()	Geräteinfo senden	0x24 0x29 SW Level Type		3.32		V4.0
	Modellzeit anfordern	0x21 0x2A		3.33		V3.8
CmdModellzeitStellen(ByVal day As Byte, ByVal hour As Byte, ByVal minute As Byte, ByVal factor As Byte)	Modellzeit stellen	0x24 0x2B DOWsh Min Factor		3.34		V3.8
CmdModellzeitAnhalten()	Modellzeit anhalten	0x21 0x2D		3.35		V4.0
CmdModellzeitStarten()	Modellzeit starten	0x21 0x2C		3.36		V4.0
CmdFeedbackRequest (ByVal address As Integer, ByVal Nibble As Byte)	Schaltinformation anfordern, Adresse 1 bis 128	0x42 ADR Nibble	3.2.23	3.37		V3
CmdSwitchInfoRequest (ByVal address As Integer)	Schaltinformation anfordern, Adresse 1 bis 1024	0x42 ADR Nibble	3.2.23	3.37		V3
	Schaltinformation anfordern, Adresse 1 bis 2048	0x43 ADRH ADRL Nibble		3.38	5.1	V3.8
CmdAccessory (ByVal address As Integer, ByVal position As Byte, ByVal Activate As Byte)	Schaltbefehl bis Version 3.6 incl.	0x52 ADR DBBD	3.2.24	3.39		V3
	Schaltbefehl ab Version 3.8 LAN_X_SET_TURNOUT	0x53 ADRH ADRL DBBD		3.40	5.2	V3.8
CmdLokInfoAnfordern (ByVal address As Integer)	Lokinformationen anfordern ab Zentralen-Version 3.0	0xE3 0x00 AH AL	3.2.25	3.41.3	4.1	V3
CmdFunktionsStatusAnfordern (ByVal address As Integer)	Funktionsstatus anfordern ab Zentralen-Version 3.0	0xE3 0x07 AH AL	3.2.25.1	3.41.4		V3
CmdFunktionsStatusF13F28Anfordern (ByVal address As Integer)	Funktionsstatus anfordern F13 – F28	0xE3 0x08 AH AL	3.2.25.2	3.41.5		V3.6
CmdFunktionsStatusF29F68Anfordern (ByVal address As Integer)	Funktionsstatus anfordern F29 – F68	0xE3 0x0A AH AL		3.41.6		V4.0
CmdFunktionsZustandF13F28Anfordern (ByVal address As Integer)	Funktionszustand anfordern F13 – F28	0xE3 0x09 AH AL	3.2.25.3	3.41.7		V3.6
CmdFunktionsZustandF29F68Anfordern (ByVal address As Integer)	Funktionszustand anfordern F29 – F68	0xE3 0x0B AH AL		3.41.8		V4.0
CmdFahrbefehl (ByVal address As Integer, ByVal Speed As Integer, ByVal Steps As Integer, ByVal Forward As Boolean)	Lok Fahrbefehl ab Zentralen-Version 3.0 LAN_X_SET_LOCO_DRIVE	0xE4 0x10/0x13 AH AL RV	3.2.26.1	3.42.3		V3
CmdLokFunktionBefehl (ByVal address As Integer, ByVal group As Byte, ByVal data As Byte)	Lok Funktionsbefehl ab Zentralen-Version 3.0 LAN_X_SET_LOCO_FUNCTION_GROUP	0xE4 0x** AH AL Gruppe	3.2.26.2	3.42.4	4.3.2	V3-V4
	Funktionsbefehl „binary states“ - Short Form	0xE4 0x5E AH AL FDDD		3.42.5.1		V4
	Funktionsbefehl „binary states“ - Long Form LAN_X_SET_LOCO_BINARY_STATE	0xE5 0x5F AH AL FLLL HHH		3.42.5.2	4.3.3	V4
CmdLokFunktionStatus(ByVal address As Integer, ByVal group As Byte, ByVal data As Byte)	Funktionsstatus setzen	0xE4 0x** AH AL Gruppe	3.2.26.4	3.42.6		V3-V4
	Funktionsrefresh-Modus setzen	0xE4 0x2F AH AL RF	3.2.26.5	3.42.7		V3.6
	Doppeltraktion montieren	0xE5 0x43 AH1 AL1 AH2 AL2	3.2.27.1	3.42.9.1		V3
	Doppeltraktion auflösen	0xE5 0x43 AH1 AL1 0x00 0x00	3.2.27.2	3.42.9.2		V3
	Lok zu einer Mehrfachtraktion hinzufügen	0xE4 0x40+R AH AL MTR	3.2.29.1	3.42.10.1		V3
	Lok aus einer Mehrfachtraktion entfernen	0xE4 0x42 AH AL MTR	3.2.29.2	3.42.10.2		V3
CmdPomWrite(ByVal address As Integer, ByVal cv As Integer, ByVal value As Byte)	Programming on Main Byte schreiben LAN_X_CV_POM_WRITE_BYTE	0xE6 0x30 AH AL 0xE6+C CV	3.2.28.1	3.43.1	6.6	V3
CmdPomRead (ByVal address As Integer, ByVal cv As Integer)	Programming on Main Byte lesen LAN_X_CV_POM_READ_BYTE	0xE6 0x30 AH AL 0xE6+C CV	3.2.28.2	3.43.2	6.8	V3.6
CmdPomBitWrite (ByVal address As Integer, ByVal cv As Integer, ByVal bitValue As Boolean, ByVal bitPosition As Byte)	Programming on Main Bit schreiben LAN_X_CV_POM_WRITE_BIT	0xE6 0x30 AH AL 0xE6+C CV	3.2.28.3	3.43.3	6.7	V3
	Adressanfrage Mitglied einer Mehrfachtraktion	0xE4 0x01+R MTR AH AL	3.2.30.1	3.44.1		V3
	Adressanfrage Mehrfachtraktion	0xE2 0x03+R MTR	3.2.30.2	3.44.2		V3
CmdAdresAnfrageLokInStack(ByVal Address As Integer, ByVal Vorwärts As Boolean)	Adressanfrage Lok in Zentralenstack	0xE3 0x05+R AH AL	3.2.30.3	3.44.3		V3
CmdLokAusStackByVal address As Integer)	Lok aus Stack löschen ab V3 LAN_X_PURGE_LOCO	0xE3 0x44 AH AL	3.2.31	3.44.4	4.6	V3
CmdLeseanfrageProgrammieren (ByVal CV As Integer)	LAN_X_CV_READ	0x23 0x11 CV			6.1	
CmdSchreibbefehlProgrammieren (ByVal CV As Integer, ByVal Daten As Byte)	LAN_X_CV_WRITE	0x24 0x12 CV Daten			6.2	
CmdZ21MMWriteByte (ByVal RegAdr As Byte, ByVal Value As Byte)	LAN_X_MM_WRITE_BYTE	0x24 0xFF REG Daten			6.12	
CmdZ21GetExtAccessory (ByVal address As Integer)	LAN_X_GET_EXT_ACCESSORY_INFO	0x44 AH AL			5.5	
CmdZ21SetExtAccessory (ByVal address As Integer, ByVal value As Byte)	LAN_X_SET_EXT_ACCESSORY	0x54 AH AL Daten			5.4	
CmdLokInfoAnfordern (ByVal address As Integer)	LAN_X_GET_LOCO_INFO	0xE3 0xF0 AH AL			4.1	
CmdZ21SetLocoFunction (ByVal address As Integer, ByVal CV As Byte, ByVal TT As Byte)	LAN_X_SET_LOCO_FUNCTION	0xE4 0xF8 AH AL TTNNNNNN			4.3.1	
CmdZ21AccPomWrite(ByVal decoderAddress As Integer, ByVal CDDD As Byte, ByVal cv As Integer, ByVal value As Byte)	LAN_X_CV_POM_ACCESSORY_WRITE_BYTE	0xE6 0x31 PoM-PARAMETERS1			6.9	
CmdZ21AccPomBitWrite(ByVal decoderAddress As Integer, ByVal CDDD As Byte, ByVal cv As Integer, ByVal bitValue As Boolean, ByVal bitPosition As Byte)	LAN_X_CV_POM_ACCESSORY_WRITE_BIT	0xE6 0x31 PoM-PARAMETERS2			6.10	
CmdZ21AccPomRead(ByVal decoderAddress As Integer, ByVal CDDD As Byte, ByVal cv As Integer)	LAN_X_CV_POM_ACCESSORY_READ_BYTE	0xE6 0x31 PoM-PARAMETERS3			6.11	
CmdZ21GetFirmwareVersion()	LAN_X_GET_FIRMWARE_VERSION	0xF1 0x0A			2.15	
CmdOpenDCCSetExtAccessory (ByVal address As Integer, ByVal value As Byte)		0x13 0x01 B+AddrH AddrL				