

## JMRI decoder selection identification

A-Train Electronics CV8=137

Model	Family	Min CV7 value	Max CV7 value	Internal ID

AMW CV8=19

Model	Family	Min CV7 value	Max CV7 value	Internal ID

ANE Model Co, Ltd CV8=45

Model	Family	Min CV7 value	Max CV7 value	Internal ID
LC201	LocoCruiser	201	201	

AXJ Electronics CV8=110

Model	Family	Min CV7 value	Max CV7 value	Internal ID

Advance IC Engineering, Inc. CV8=17

Model	Family	Min CV7 value	Max CV7 value	Internal ID

Aristo-Craft Trains CV8=34

Model	Family	Min CV7 value	Max CV7 value	Internal ID

Arnold - Rivarossi CV8=173

Model	Family	Min CV7 value	Max CV7 value	Internal ID
ARNOLD 81210-81	ARNOLD Digital			
81220	ARNOLD Digital	255	1	

Atlas CV8=127

Model	Family	Min CV7 value	Max CV7 value	Internal ID
Four Function Dual Mode	Four Function Dual Mode	46	46	
Four Function #345 H15-44/H16-44 Dual Mode	Four Function #345 Dual Mode	46 45	46 45	
LE062XF by Lenz (Part #490299)	Atlas N-Scale	45	45	
LE063XF by Lenz (Part #447299)	Atlas N-Scale	45	45	
AN12A0 by NCE (Part #518299)	Atlas N-Scale	36	36	
N12A1-ATL by NCE	Atlas N-Scale	36	36	
N12A2-ATL by NCE	Atlas N-Scale	36	36	
VO1000 (Part #500099)	Atlas N-Scale	46	46	

AuroTrains CV8=170

Model	Family	Min CV7 value	Max CV7 value	Internal ID

Auvidel CV8=76

**Model Family Min CV7 value Max CV7 value Internal ID**

BLOCKsignalling CV8=148

**Model Family Min CV7 value Max CV7 value Internal ID**

BRAWA Modellspielwaren GmbH CV8=186

**Model Family Min CV7 value Max CV7 value Internal ID**

Bachmann Trains CV8=101

Model	Family	Min CV7 value	Max CV7 value	Internal ID
2 function decoder (36-552)	E-Z Command decoders	46		
1 function decoder (36-551)	E-Z Command decoders	10		
4 function decoder (36-550)	E-Z Command decoders	46		

Benezan Electronics CV8=114

**Model Family Min CV7 value Max CV7 value Internal ID**

Berros CV8=122

**Model Family Min CV7 value Max CV7 value Internal ID**

Blue Digital CV8=225

**Model Family Min CV7 value Max CV7 value Internal ID**

Bluecher-Electronic CV8=60

**Model Family Min CV7 value Max CV7 value Internal ID**

Brelec CV8=31

**Model Family Min CV7 value Max CV7 value Internal ID**

Broadway Limited Imports, LLC CV8=38

Model	Family	Min CV7 value	Max CV7 value	Internal ID
Diesel	Paragon 2	0	31	
Steam	Paragon 2	32	63	
Diesel	Blueline	0	31	
Steam	Blueline	32	63	
Light Unit	Light Unit	1	1	
Diesel	Paragon 3	0	31	

Steam	Paragon 3	32	63
Steam w/depleting coal, whistle smoke	Paragon 3	32	63
Rolling Thunder Receiver	Paragon 3	0	31
Rolling Thunder	Paragon 3	0	31

### CML Systems CV8=1

Model	Family	Min CV7 value	Max CV7 value	Internal ID
DAC10	DAC10	1		
DAC20	DAC20	1		

### CMos Engineering CV8=130

Model	Family	Min CV7 value	Max CV7 value	Internal ID
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### CT Elektronik CV8=117

Model	Family	Min CV7 value	Max CV7 value	Internal ID
DCX30	Function Decoder	3		
DCX30V	Function Decoder	3		
DCX32D	Function Decoder	27	59	DCX32
DCX33D	Function Decoder	40	255	DCX33
DCX74D	DCX Series (v.66 and higher)	66		
DCX74DV	DCX Series (v.66 and higher)	66		
DCX74z	DCX Series (v.66 and higher)	66		
DCX75	DCX Series (v.66 and higher)	66		
DCX76	DCX Series (v.66 and higher)	66		
DCX76Z	DCX Series (v.66 and higher)	66		
DCX77z	DCX Series (v.66 and higher)	66		
DCX77L	DCX Series (v.66 and higher)	66		
DCX65	DCX Series (v.66 and higher)	66		
DCX74D	DCX Series (v.27 and higher)	27	59	
DCX74DV	DCX Series (v.27 and higher)	27	59	
DCX74z	DCX Series (v.27 and higher)	27	59	
DCX75	DCX Series (v.27 and higher)	27	59	
DCX76	DCX Series (v.27 and higher)	27	59	
DCX76Z	DCX Series (v.27 and higher)	27	59	
DCX50	DCX Series (old)	3		
DCX70	DCX Series (old)	3		

DCX73	DCX Series (old)	3		
DCX74	DCX Series (old)	26	26	
GE70	Sound Decoder	3		
SL 51	Sound Decoder SL (v.26 up)	26		
SL 74	Sound Decoder SL (v.26 up)	26		
SL 51	Sound Decoder SL 51	3		
SL 51	Sound Decoder SL (v100 up)	100	125	SL51
SL 75	Sound Decoder SL (v100 up)	100	125	SL75
GE 75	Sound Decoder SL (v100 up)	100	125	GE75
SL 76	Sound Decoder SL (v100 up)	127		SL76
GE 76	Sound Decoder SL (v100 up)	127		GE76
SL82	Sound Decoder SL (v100 up)	100		SL82
SL 51	Sound Decoder SL (v.40 up)	40		SL51
SL 74	Sound Decoder SL (v.40 up)	40		SL74
SL 75	Sound Decoder SL (v.40 up)	40	112	SL75
Hunslet	OEM: N Gauge Society	11		

**CVP Products CV8=135**

Model	Family	Min CV7 value	Max CV7 value	Internal ID
AD4	AD4	40	65	
AD4LC	Enhanced AD4	6	6	
AD4MC	Enhanced AD4	6	6	
AD4HC	Enhanced AD4	6	6	

**Capecom CV8=47**

Model	Family	Min CV7 value	Max CV7 value	Internal ID
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**Computer Dialysis France CV8=105**

Model	Family	Min CV7 value	Max CV7 value	Internal ID
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Con-Com GmbH CV8=204

**Model Family Min CV7 value Max CV7 value Internal ID**

DCC Supplies, Ltd CV8=51

**Model Family Min CV7 value Max CV7 value Internal ID**

DCC Train Automation CV8=144

**Model Family Min CV7 value Max CV7 value Internal ID**

DCC-Gaspar-Electronic CV8=124

**Model Family Min CV7 value Max CV7 value Internal ID**

DCCconcepts CV8=36

Model	Family	Min CV7 value	Max CV7 value	Internal ID
Red Sleeve 2 Function	DCC Concepts Loco Decoders	36	36	
Blue Sleeve 4 Function	DCC Concepts Loco Decoders	36	36	
		18	18	
ZBHP Buddha	DCC Concepts Zen	34	35	ZBHP
Z218	DCC Concepts Zen	34	35	Z218
Z360	DCC Concepts Zen	34	35	Z360
ZN6D	DCC Concepts Zen	34	35	ZN6D
ZN68	DCC Concepts Zen	34	35	ZN68
ZN8D	DCC Concepts Zen	34	35	ZN8D
ZN8H	DCC Concepts Zen	34	35	ZN8H

Dapol Limited CV8=154

**Model Family Min CV7 value Max CV7 value Internal ID**

Desktop Station CV8=140

**Model Family Min CV7 value Max CV7 value Internal ID**

Dietz Modellbahntechnik CV8=115

**Model Family Min CV7 value Max CV7 value Internal ID**

Digi-CZ CV8=152

**Model Family Min CV7 value Max CV7 value Internal ID**

Digirails CV8=42

Model	Family	Min CV7 value	Max CV7 value	Internal ID
DR80010	Locomotive lighting			80010
		10	10	
DR80015	Locomotive lighting			80015
		10	10	
DR4018	Stationary			4018
		134	255	

DR4024	Stationary		4024
		134	255

**Digital Bahn CV8=64**

**Model Family Min CV7 value Max CV7 value Internal ID**

**Digitools Elektronika, Kft CV8=75**

**Model Family Min CV7 value Max CV7 value Internal ID**

**Digitrax CV8=129**

Model	Family	Min CV7 value	Max CV7 value	Internal ID
DG383	Series 3 with FX3, silent, readback	49	51	
DG583	Series 3 with FX3, silent, readback	49	51	
DH163	Series 3 with FX3, silent, readback	49	51	
DH163AT	Series 3 with FX3, silent, readback	49	51	
DH163A0	Series 3 with FX3, silent, readback	49	51	
DH163D	Series 3 with FX3, silent, readback	49	51	
DH163IP	Series 3 with FX3, silent, readback	49	51	
DH163K0	Series 3 with FX3, silent, readback	49	51	
DH163L0	Series 3 with FX3, silent, readback	49	51	
DH163P	Series 3 with FX3, silent, readback	49	51	
DH163PS	Series 3 with FX3, silent, readback	49	51	
DH165A0	Series 3 with FX3, silent, readback	49	51	
DH165IP	Series 3 with FX3, silent, readback	49	51	
DH165K0	Series 3 with FX3, silent, readback	49	51	
DH165K1A	Series 3 with FX3, silent, readback	49	51	
DH165L0	Series 3 with FX3, silent, readback	49	51	

DH165Q1	Series 3 with FX3, silent, readback	49	51	
DH465	Series 3 with FX3, silent, readback	49	51	
DN123K3	Series 3 with FX3, silent, readback	49	51	
DN135D	Series 3 with FX3, silent, readback	49	51	
DN135PS	Series 3 with FX3, silent, readback	49	51	
DN143	Series 3 with FX3, silent, readback	49	51	
DN143IP	Series 3 with FX3, silent, readback	36	64	
DN143K1	Series 3 with FX3, silent, readback	49	51	
DN143K2	Series 3 with FX3, silent, readback	49	51	DN143K2
DN163	Series 3 with FX3, silent, readback	49	51	
DN163A0	Series 3 with FX3, silent, readback	49	51	
DN163A1	Series 3 with FX3, silent, readback	49	51	
DN163A2	Series 3 with FX3, silent, readback	49	51	
DN163A3	Series 3 with FX3, silent, readback	49	51	
DN163A4	Series 3 with FX3, silent, readback	49	51	
DN163I0	Series 3 with FX3, silent, readback	49	51	
DN163I1A	Series 3 with FX3, silent, readback	49	51	

DN163I1B	Series 3 with FX3, silent, readback	49	51
DN163I1C	Series 3 with FX3, silent, readback	49	51
DN163I2	Series 3 with FX3, silent, readback	49	51
DN163K0A	Series 3 with FX3, silent, readback	49	51
DN163K0B	Series 3 with FX3, silent, readback	49	51
DN163K0D	Series 3 with FX3, silent, readback	49	51
DN163K0E	Series 3 with FX3, silent, readback	49	51
DN163K1A	Series 3 with FX3, silent, readback	49	51
DN163K1B	Series 3 with FX3, silent, readback	49	51
DN163K1C	Series 3 with FX3, silent, readback	49	51
DN163K1D	Series 3 with FX3, silent, readback	49	51
DN163K2	Series 3 with FX3, silent, readback	49	51
DN163K4A	Series 3 with FX3, silent, readback	49	51
DN163K4B	Series 3 with FX3, silent, readback	49	51
DN163L0A	Series 3 with FX3, silent, readback	49	51
DN163M0	Series 3 with FX3, silent, readback	49	51
DN163PS	Series 3 with FX3, silent, readback	49	51
DZ123	Series 3 with FX3, silent, readback	36	64
DZ123M0	Series 3 with FX3, silent, readback	36	64
DZ123PS	Series 3 with FX3, silent, readback	36	64
DZ123Z0	Series 3 with FX3, silent, readback	36	64
DZ125	Series 3 with FX3, silent, readback	36	64
DZ125IN	Series 3 with FX3, silent, readback	36	64
DZ125PS	Series 3 with FX3, silent, readback	36	64
DZ143	Series 3 with FX3, silent, readback	49	65
DZ143PS	Series 3 with FX3, silent, readback	49	65
DH166D	Series 6 with FX3, silent, improved BEMF	51	64
DH166MT	Series 6 with FX3, silent, improved BEMF	51	64
		64	64
DH166P	Series 6 with FX3, silent, improved BEMF	51	64
DH166PS	Series 6 with FX3, silent, improved BEMF	51	64
DN126M2	Series 6 with FX3, silent, improved BEMF	51	64
DN136D	Series 6 with FX3, silent, improved BEMF	51	64
DN136PS	Series 6 with FX3, silent, improved BEMF	51	64
DN146IP	Series 6 with FX3, silent, improved BEMF	51	64
DN166I0	Series 6 with FX3, silent, improved BEMF	51	64
DN166I1A	Series 6 with FX3, silent, improved BEMF	51	64
DN166I1B	Series 6 with FX3, silent, improved BEMF	51	64
DN166I1C	Series 6 with FX3, silent, improved BEMF	51	64
DN166I1D	Series 6 with FX3, silent, improved BEMF	51	64

DN166I2	Series 6 with FX3, silent, improved BEMF	51	64
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DN166I2B	Series 6 with FX3, silent, improved	51	64
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	BEMF			
DN166I3	Series 6 with FX3, silent, improved BEMF	51	64	
DN166PS	Series 6 with FX3, silent, improved BEMF	51	64	
DZ126	Series 6 with FX3, silent, improved BEMF	51	64	
DZ126PS	Series 6 with FX3, silent, improved BEMF	51	64	
DZ126IN	Series 6 with FX3, silent, improved BEMF	51	64	
DZ126T	Series 6 with FX3, silent, improved BEMF	51	64	
DZ146	Series 6 with FX3, silent, improved BEMF	51	64	
DZ146IN	Series 6 with FX3, silent, improved BEMF	51	64	
DZ146PS	Series 6 with FX3, silent, improved BEMF	51	64	
SDN144A0	SFX Sound Decoders	16	16	1444
SDN144A1	SFX Sound Decoders	16	16	1445
SDN144K0A	SFX Sound Decoders	16	16	1442
SDN144K1E	SFX Sound Decoders	16	16	1443
SDN144PS	SFX Sound Decoders	16	16	1441
SDH164D	SFX Sound Decoders	16	16	1641
SDH164K1A	SFX Sound Decoders	16	16	1642
SDH164K1B	SFX Sound Decoders	16	16	1643
SDH164K1C	SFX Sound Decoders	16	16	1644
EVO GE Diesel	SFX Sound Decoders	16	49	1041
AC4400	SFX Sound Decoders	16	16	1042
SD38-2	SFX Sound Decoders	16	16	1043
F40PH	SFX Sound Decoders	16	16	1044
SFX004	SFX Sound Only Decoders	16	16	SFX004
SFX0416	SFX Sound Only Decoders	16	16	SFX0416
SFX064	SFX Sound Only Decoders	16	16	SFX064
SFX006	SFX Sound Only Decoders	16	16	SFX006
SDN136PS	SFX Sound Decoders - Series 6	16	16	SDN136PS
SDXN136PS	SFX Sound Decoders - Series 6	16	16	SDXN136PS
SDXN146K1E	SFX Sound Decoders - Series 6	16	16	SDXN146K1E
SDXN146K2	SFX Sound Decoders - Series 6	16	16	SDXN146K2
SDXN146K4	SFX Sound Decoders - Series 6	16	16	SDXN146K4
SDH166D	SFX Sound Decoders - Series 6	16	16	SDH166D
SDXH166D	SFX Sound Decoders - Series 6	16	16	SDXH166D
SDH186MT	SFX Sound Decoders - Series 6	16	16	SDH166D
		64	64	



SDXH186MT	SFX Sound Decoders - Series 6	16	16	SDXH166D
		64	64	
Extended Series 6	SFX Sound Decoders - Series 6	16	16	SDXH166DExt
Extended Series 6 Steam	SFX Sound Decoders - Series 6	16	16	SDXH166DExtS
Extended Series 6 Diesel	SFX Sound Decoders - Series 6	16	16	SDXH166DExtD
Con-cor Aero-Train - HO	Digitrax/Con-cor Sound	16	16	6004
Con-cor ElectroLiner - HO	Digitrax/Con-cor Sound	16	16	6005
Con-cor Galloping Goose - HO	Digitrax/Con-cor Sound	16	16	6008
Con-cor MP54	Digitrax/Con-cor Sound	16	16	6009
Con-cor New Haven Comet - HO	Digitrax/Con-cor Sound	16	16	6001
Con-cor UP M-10000 - HO	Digitrax/Con-cor Sound	16	16	6003
Con-cor Zephyr - HO	Digitrax/Con-cor Sound	16	16	6002
Con-cor Aero-Train - N	Digitrax/Con-cor Sound	16	16	6019
Con-cor UP M-10000 - N	Digitrax/Con-cor Sound	16	16	6011
Con-cor Zephyr - N	Digitrax/Con-cor Sound	16	16	6014
DH142	Premium FX with BEMF	240	250	
DN141	Premium FX with BEMF	240	250	
DN142	Premium FX with BEMF	240	250	
DN141K2	Premium FX with BEMF	240	250	
DN141E2	Premium FX with BEMF	240	250	
DN149K2	Premium FX with BEMF	240	250	
BDL16	BDL16x			
BDL162	BDL16x			
BDL168	BDL16x			
DH083	Basic FX	91	111	
DH83FX	Basic FX	91	111	
DH84FX	Basic FX	91	111	
DH140	Basic FX	91	111	
DH150	Basic FX	91	111	
DH380	Basic FX	91	111	
DH580	Basic FX	91	111	
DG380	Basic FX	63	63	
DG580	Basic FX	91	111	
DN93FX	Basic FX	91	111	
DN140	Basic FX	91	111	
DN144	Basic FX	91	111	
DN145	Basic FX	91	111	
DN146	Basic FX	91	111	
DN147	Basic FX	91	111	
DN148	Basic FX	91	111	
DZ121	Basic CS	225	239	
DN122K2	Basic CS	225	239	
DB150	Command Stations			

DCS210	Command Stations		
DCS240	Command Stations		
DCS52	Command Stations		
DCS50	Command Stations		
DCS51	Command Stations		
DCS100	Command Stations		
DCS200	Command Stations		
DS64	DS64		
DH123	Economy Series 3 with FX3, silent	35	36
DH123 Four Function	Economy Series 3 with FX3, silent	36	36
DH126D	Economy Series 6 with FX3, silent	51	64
DH126MT	Economy Series 6 with FX3, silent	51	64
DH126P	Economy Series 6 with FX3, silent	51	64
DH126PS	Economy Series 6 with FX3, silent	51	64
PM4	PM4x		
PM42	PM4x		
SE8c	SE8c		
DH121	Basic STD	33	46
DN121	Basic STD*	1	1
DN93	Basic STD*	1	1
DH84	Basic STD*	1	1
TF2	Function Only, with transponding	251	
TF4	Function Only, with transponding	254	
TL1	Function Only, with transponding	250	
DH120	Early decoders	34	45
DZ120	Early decoders	34	45
DS54	DS54	65	

## Digsight CV8=30

**Model Family Min CV7 value Max CV7 value Internal ID**

## Doehler und Haass CV8=97

Model	Family	Min CV7 value	Max CV7 value	Internal ID
DHF250	Function Decoders (old)	1	1	DHF250
DHF251	Function Decoders (old)	1	1	DHF251
DHF253	Function Decoders (old)	1	1	DHF253
SD10A (firmware 1.06+)	Sound Decoders (2016)	026	026	SD10A_1.06
SD16A (firmware 1.06+)	Sound Decoders (2016)	026	026	SD16A_1.06
SD18A (firmware 1.06+)	Sound Decoders (2016)	026	026	SD18A_1.06
SD21A (firmware 1.06+)	Sound Decoders (2016)	026	026	SD21A_1.06
SD22A (firmware 1.06+)	Sound Decoders (2016)	026	026	SD22A_1.06
SD10A (firmware 1.07+)	Sound Decoders (2016)	056	056	SD10A_1.07
SD16A (firmware 1.07+)	Sound Decoders (2016)	056	056	SD16A_1.07

SD18A (firmware 1.07+)	Sound Decoders (2016)	056	056	SD18A_1.07
SD21A (firmware 1.07+)	Sound Decoders (2016)	056	056	SD21A_1.07
SD22A (firmware 1.07+)	Sound Decoders (2016)	056	056	SD22A_1.07
SD10A (firmware 1.10+)	Sound Decoders (2018)	048	048	SD10A_1.10
SD16A (firmware 1.10+)	Sound Decoders (2018)	048	048	SD16A_1.10
SD18A (firmware 1.10+)	Sound Decoders (2018)	048	048	SD18A_1.10
SD21A (firmware 1.10+)	Sound Decoders (2018)	048	048	SD21A_1.10
SD22A (firmware 1.10+)	Sound Decoders (2018)	048	048	SD22A_1.10
SD10A (firmware 1.11+)	Sound Decoders (2018)	098	098	SD10A_1.11
SD16A (firmware 1.11+)	Sound Decoders (2018)	098	098	SD16A_1.11
SD18A (firmware 1.11+)	Sound Decoders (2018)	098	098	SD18A_1.11
SD21A (firmware 1.11+)	Sound Decoders (2018)	098	098	SD21A_1.11
SD22A (firmware 1.11+)	Sound Decoders (2018)	098	098	SD22A_1.11
DH05A/B	Train Decoders (firmware 3.02+)	1	2	DH05AB
DH10A/B	Train Decoders (firmware 3.02+)	1	2	DH10AB
DH05C	Train Decoders (firmware 3.02+)	3	3	DH05C
DH10C	Train Decoders (firmware 3.02+)	3	3	DH10C
DH12A	Train Decoders (firmware 3.02+)	3	3	DH12A
DH16A	Train Decoders (firmware 3.02+)	3	3	DH16A
DH18A	Train Decoders (firmware 3.02+)	3	3	DH18A
DH06A	Train Decoders (firmware 3.02+)	3	3	DH06A
DHP160/161/163	Train Decoders (firmware 3.02+)	8	8	DHP160
DHP250/252/253	Train Decoders (firmware 3.02+)	8	8	DHP250
DHP260	Train Decoders (firmware 3.02+)	8	8	DHP260
FH05A	Train Decoders (firmware 3.02+)	1	1	FH05A
Generic	Train Decoders (firmware 3.02+)			generic
DH05A v1.10 (firmware 3.03+)	Train Decoders (firmware 3.03+)	1	1	DH05A_3.03
DH10A v1.10 (firmware 3.03+)	Train Decoders (firmware 3.03+)	1	1	DH10A_3.03
DH05B v2.08 (firmware 3.03+)	Train Decoders (firmware 3.03+)	2	2	DH05B_3.03
DH10B v2.08 (firmware 3.03+)	Train Decoders (firmware 3.03+)	2	2	DH10B_3.03

3.03+)	3.03+)			
DH05C v3.03 (firmware 3.03+)	Train Decoders (firmware 3.03+)	3	3	DH05C_3_03
DH10C v3.03 (firmware 3.03+)	Train Decoders (firmware 3.03+)	3	3	DH10C_3_03
DH12A v3.03 (firmware 3.03+)	Train Decoders (firmware 3.03+)	3	3	DH12A_3_03
DH16A v3.03 (firmware 3.03+)	Train Decoders (firmware 3.03+)	3	3	DH16A_3_03
DH18A v3.03 (firmware 3.03+)	Train Decoders (firmware 3.03+)	3	3	DH18A_3_03
DH21A v3.03 (firmware 3.03+)	Train Decoders (firmware 3.03+)	54	54	DH21A_3_03
DH06A v3.03 (firmware 3.03+)	Train Decoders (firmware 3.03+)	3	3	DH06A_3.03
DHP160/161/163 v8.10 (firmware 3.03+)	Train Decoders (firmware 3.03+)	8	8	DHP160_3.03
DHP250/252/253 v8.10 (firmware 3.03+)	Train Decoders (firmware 3.03+)	8	8	DHP250_3.03
DHP260 v8.10 (firmware 3.03+)	Train Decoders (firmware 3.03+)	8	8	DHP260_3.03
FH05A v1.10 (firmware 3.03+)	Train Decoders (firmware 3.03+)	1	1	FH05A_3.03
Generic DH v3.03 (firmware 3.03+)	Train Decoders (firmware 3.03+)			GenericDH_3.03
DH05A v1.11 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	DH05A_3.04
DH10A v1.11 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	DH10A_3.04
DH05B v2.09 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	DH05B_3.04
DH10B v2.09 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	DH10B_3.04
DH05C v3.04 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	DH05C_3_04
DH10C v3.04 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	DH10C_3_04
DH12A v3.04 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	DH12A_3_04
DH16A v3.04 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	DH16A_3_04
DH18A v3.04 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	DH18A_3_04
DH21A v3.04 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	DH21A_3_04
DH22A v3.04 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	DH22A_3_04

DH06A v3.04 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	DH06A_3.04
DHP160/161/163 v8.11 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	DHP160_3.04
DHP250/252/253 v8.11 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	DHP250_3.04
DHP260 v8.11 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	DHP260_3.04
FH05A v1.11 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)	54	54	FH05A_3.04
Generic DH v3.04 (firmware 3.04+)	Train Decoders (firmware 3.04 - May 2014)			GenericDH_3.04
DH05C v3.05.104 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	104	104	DH05C_2014_10
DH05C v3.05.114 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	114	114	DH05C_2014_11
DH05C v3.05.15 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	15	15	DH05C_2015_01
DH10C v3.05.104 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	104	104	DH10C_2014_10
DH10C v3.05.114 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	114	114	DH10C_2014_11
DH10C v3.05.15 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	15	15	DH10C_2015_01
DH12A v3.05.104 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	104	104	DH12A_2014_10
DH12A v3.05.114 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	114	114	DH12A_2014_11
DH12A v3.05.15 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	15	15	DH12A_2015_01
DH16A v3.05.104 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	104	104	DH16A_2014_10
DH16A v3.05.114 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	114	114	DH16A_2014_11
DH16A v3.05.15 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	15	15	DH16A_2015_01
DH18A v3.05.104 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	104	104	DH18A_2014_10
DH18A v3.05.114 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	114	114	DH18A_2014_11
DH18A v3.05.15 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	15	15	DH18A_2015_01
DH21A v3.05.104 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	104	104	DH21A_2014_10
DH21A v3.05.114 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	114	114	DH21A_2014_11
DH21A v3.05.15	Train Decoders (firmware 3.05 - Oct 2014)	15	15	DH21A_2015_01

(firmware 3.05+)	3.05 - Oct 2014)			1
DH22A v3.05.104 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	104	104	DH22A_2014_1 0
DH22A v3.05.114 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	114	114	DH22A_2014_1 1
DH22A v3.05.15 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	15	15	DH22A_2015_0 1
DH06A v3.05.104 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	104	104	DH06A_2014.10
DH06A v3.05.114 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	114	114	DH06A_2014.11
DH06A v3.05.15 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	15	15	DH06A_2015.01
FH05A v1.12.104 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)	104	104	FH05A_2014.10
FH05B v3.05.15 (firmware 3.05+)	Function Decoders (firmware 3.05 - Oct 2014)	15	15	FH05B_2014.10
Generic DH v3.05 (firmware 3.05+)	Train Decoders (firmware 3.05 - Oct 2014)			GenericDH_201 4.10
DH05C v3.06.26 (firmware 3.06+)	Train Decoders (2016)	26	26	DH05C_2016_0 3
DH10C v3.06.26 (firmware 3.06+)	Train Decoders (2016)	26	26	DH10C_2016_0 3
DH12A v3.06.26 (firmware 3.06+)	Train Decoders (2016)	26	26	DH12A_2016_0 3
DH16A v3.06.26 (firmware 3.06+)	Train Decoders (2016)	26	26	DH16A_2016_0 3
DH18A v3.06.26 (firmware 3.06+)	Train Decoders (2016)	26	26	DH18A_2016_0 3
DH21A v3.06.26 (firmware 3.06+)	Train Decoders (2016)	26	26	DH21A_2016_0 3
DH22A v3.06.26 (firmware 3.06+)	Train Decoders (2016)	26	26	DH22A_2016_0 3
PD12A v3.06.26 (firmware 3.06+)	Train Decoders (2016)	26	26	PD12A
DH05C v3.07.66 (firmware 3.07+)	Train Decoders (2016)	66	66	DH05C_2016_0 6
DH10C v3.07.66 (firmware 3.07+)	Train Decoders (2016)	66	66	DH10C_2016_0 6
DH12A v3.07.66 (firmware 3.07+)	Train Decoders (2016)	66	66	DH12A_2016_0 6
DH16A v3.07.66 (firmware 3.07+)	Train Decoders (2016)	66	66	DH16A_2016_0 6
DH18A v3.07.66 (firmware 3.07+)	Train Decoders (2016)	66	66	DH18A_2016_0 6
DH21A v3.07.66 (firmware 3.07+)	Train Decoders (2016)	66	66	DH21A_2016_0 6

DH22A v3.07.66 (firmware 3.07+)	Train Decoders (2016)	66	66	DH22A_2016_06
PD12A v3.07.66 (firmware 3.07+)	Train Decoders (2016)	66	66	PD12A
FH05B v3.06.26 (firmware 3.06+)	Function Decoders (2016)	26	26	FH05B_2016.03
FH22A v3.06.26 (firmware 3.06+)	Function Decoders (2016)	26	26	FH22A_2016.03
FH05B v3.07.66 (firmware 3.07+)	Function Decoders (2016)	66	66	FH05B_2016.06
FH22A v3.07.66 (firmware 3.07+)	Function Decoders (2016)	66	66	FH22A_2016.06
DH05C v3.08.27 (firmware 3.08+)	Train Decoders (2017)	27	27	DH05C_2017_02
DH10C v3.08.27 (firmware 3.08+)	Train Decoders (2017)	27	27	DH10C_2017_02
DH12A v3.08.27 (firmware 3.08+)	Train Decoders (2017)	27	27	DH12A_2017_02
DH16A v3.08.27 (firmware 3.08+)	Train Decoders (2017)	27	27	DH16A_2017_02
DH18A v3.08.27 (firmware 3.08+)	Train Decoders (2017)	27	27	DH18A_2017_02
DH21A v3.08.27 (firmware 3.08+)	Train Decoders (2017)	27	27	DH21A_2017_02
DH22A v3.08.27 (firmware 3.08+)	Train Decoders (2017)	27	27	DH22A_2017_02
PD12A v3.08.27 (firmware 3.08+)	Train Decoders (2017)	27	27	PD12A
DH05C v3.09.117 (firmware 3.09+)	Train Decoders (2017)	117	117	DH05C_2017_11
DH10C v3.09.117 (firmware 3.09+)	Train Decoders (2017)	117	117	DH10C_2017_11
DH12A v3.09.117 (firmware 3.09+)	Train Decoders (2017)	117	117	DH12A_2017_11
DH16A v3.09.117 (firmware 3.09+)	Train Decoders (2017)	117	117	DH16A_2017_11
DH18A v3.09.117 (firmware 3.09+)	Train Decoders (2017)	117	117	DH18A_2017_11
DH21A v3.09.117 (firmware 3.09+)	Train Decoders (2017)	117	117	DH21A_2017_11
DH22A v3.09.117 (firmware 3.09+)	Train Decoders (2017)	117	117	DH22A_2017_11
PD05A v3.09.117 (firmware 3.09+)	Train Decoders (2017)	117	117	PD05A
PD12A v3.09.117 (firmware 3.09+)	Train Decoders (2017)	117	117	PD12A
FH05B v3.10.48	Function Decoders (2018)	48	48	FH05B_2018.04

(firmware 3.10+)				
FH18A v3.10.48	Function Decoders (2018)	48	48	FH18A_2018.04
(firmware 3.10+)				
FH22A v3.10.48	Function Decoders (2018)	48	48	FH22A_2018.04
(firmware 3.10+)				
FH05B v3.11.98	Function Decoders (2018)	98	98	FH05B_2018.10
(firmware 3.11+)				
FH18A v3.11.98	Function Decoders (2018)	98	98	FH18A_2018.10
(firmware 3.11+)				
FH22A v3.11.98	Function Decoders (2018)	98	98	FH22A_2018.10
(firmware 3.11+)				
DH05C v3.10.48	Train Decoders (2018)	48	48	DH05C_2018_04
(firmware 3.10+)				
DH10C v3.10.48	Train Decoders (2018)	48	48	DH10C_2018_04
(firmware 3.10+)				
DH12A v3.10.48	Train Decoders (2018)	48	48	DH12A_2018_04
(firmware 3.10+)				
DH16A v3.10.48	Train Decoders (2018)	48	48	DH16A_2018_04
(firmware 3.10+)				
DH18A v3.10.48	Train Decoders (2018)	48	48	DH18A_2018_04
(firmware 3.10+)				
DH21A v3.10.48	Train Decoders (2018)	48	48	DH21A_2018_04
(firmware 3.10+)				
DH22A v3.10.48	Train Decoders (2018)	48	48	DH22A_2018_04
(firmware 3.10+)				
PD05A v3.10.48	Train Decoders (2018)	48	48	PD05A
(firmware 3.10+)				
PD12A v3.10.48	Train Decoders (2018)	48	48	PD12A
(firmware 3.10+)				
DH05C v3.11.98	Train Decoders (2018)	98	98	DH05C_2018_09
(firmware 3.11+)				
DH10C v3.11.98	Train Decoders (2018)	98	98	DH10C_2018_09
(firmware 3.11+)				
DH12A v3.11.98	Train Decoders (2018)	98	98	DH12A_2018_09
(firmware 3.11+)				
DH16A v3.11.98	Train Decoders (2018)	98	98	DH16A_2018_09
(firmware 3.11+)				
DH18A v3.11.98	Train Decoders (2018)	98	98	DH18A_2018_09
(firmware 3.11+)				
DH21A v3.11.98	Train Decoders (2018)	98	98	DH21A_2018_09
(firmware 3.11+)				
DH22A v3.11.98	Train Decoders (2018)	98	98	DH22A_2018_09
(firmware 3.11+)				
PD05A v3.11.98	Train Decoders (2018)	98	98	PD05A
(firmware 3.11+)				
PD12A v3.11.98	Train Decoders (2018)	98	98	PD12A
(firmware 3.11+)				



SD18A (firmware 1.00+)	Combo sound decoders	1	1	SD18A_1.00
SD18A (firmware 1.01+)	Combo sound decoders	1	1	SD18A_1.01
SD18A (firmware 1.02+)	Combo sound decoders	74	74	SD18A_1.02
SD18A (firmware 1.03+)	Combo sound decoders	104	104	SD18A_1.03
SD18A (firmware 1.04+)	Combo sound decoders	055	055	SD18A_1.04
SD21A (firmware 1.01+)	Combo sound decoders	1	1	SD21A_1.01
SD21A (firmware 1.02+)	Combo sound decoders	74	74	SD21A_1.02
SD21A (firmware 1.03+)	Combo sound decoders	104	104	SD21A_1.03
SD21A (firmware 1.04+)	Combo sound decoders	055	055	SD21A_1.04
SH10A (firmware 1.00+)	SUSI sound modules			SH10A_1.00
SH10A (firmware 1.01+)	SUSI sound modules			SH10A_1.01
SH10A (firmware 1.02+)	SUSI sound modules			SH10A_1.02
SH10A (firmware 1.03+)	SUSI sound modules			SH10A_1.03
SH10A (firmware 1.04+)	SUSI sound modules			SH10A_1.04
SH10A (firmware 1.05+)	SUSI sound modules			SH10A_1.05
SH10A (firmware 1.06+)	SUSI sound modules			SH10A_1.06
SH10A (firmware 1.07+)	SUSI sound modules			SH10A_1.07
SH10A (firmware 1.08+)	SUSI sound modules			SH10A_1.08
SH10A (firmware 1.09+)	SUSI sound modules	56	56	SH10A_1.09
SH10A (firmware 1.10+)	SUSI sound modules	27	27	SH10A_1.10
SH10A (firmware 1.11+)	SUSI sound modules	117	117	SH10A_1.11
SH10A (firmware 1.12+)	SUSI sound modules	48	48	SH10A_1.12
SH10A (firmware 1.13+)	SUSI sound modules	98	98	SH10A_1.13