

**Train Control Systems**  
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Price List  
March 2010

SKU NUMBER	ITEM	DESCRIPTION	MSRP
1000	A4X	Four Function drop in for HO scale diesels	\$30.95
1001	A6X	Six function drop in for HO scale diesels 1.5V power supply	\$35.95
1028	DP2X	Two function plug and play decoder with 8 pin NMRA plug.	\$27.95
1287	DP2X-UK	Two function plug and play decoder with vertical 8 pin alignment designed to fit in British outline locomotives.	\$29.95
1335	DP5	Five function plug and play decoder for Atlas HO Scale locomotives	\$34.95
1002	FL2	Two function only decoder	\$20.92
1004	FL4	Four function only decoder	\$21.66
***	FL4P-(XX)	FL4 decoder with NMRA harness	\$23.36
1006	M1	Two function hardwire micro decoder	\$34.45
***	M1P-(XX)	Two function hardwire micro decoder with NMRA harness	\$39.45
1008	M1P-15	Two function micro decoder with harness for Atlas MP15	\$39.95
1009	M3	Three function hardwired micro decoder	\$37.60
***	M3P-(XX)	Three function hardwired micro decoder with NMRA harness	\$39.60
1011	M4	Four function hardwired micro decoder	\$41.80
***	M4P-(XX)	Four function hardwired micro decoder with NMRA harness	\$46.80
1013	MC2	Two function micro decoder with micro connector	\$29.95
***	MC2P-(XX)	Two function micro decoder with micro connector with NMRA harness	\$34.95
1014	MC2-5PK	Two function micro decoder with micro connector-Five Pack	\$130.00
1017	MC4	Four function micro decoder with micro connector	\$34.95
***	MC4P-(XX)	Four function micro decoder with micro connector with NMRA harness	\$39.95
1021	T1	Two function decoder with connector	\$24.99
1023	T1A	T1 decoder without harness	\$23.90
***	T1P-(XX)	Two function decoder with NMRA harness	\$29.99

**\*\*\*NOTE indicated decoders can be ordered with any harness.  
See Decoder/Harness Combination page (pages 8-10).**

SKU	ITEM	DESCRIPTION	MSRP
1024	T4X	Four function decoder with connector	\$27.95
***	T4XP-(XX)	Four function decoder with connector with NMRA harness	\$32.95
1026	T6X	Six function decoder with connector	\$30.95
***	T6XP-(XX)	Six function decoder with connector with NMRA harness	\$35.95
<b>G SCALE DECODERS</b>			
1303	G8	Eight function 1.45" x 3" decoder with BEMF thermal overload protection and screw terminal connections	NA
<b>N SCALE DECODERS</b>			
1302	ALD4	Four function Atlas long drop in for Atlas SD-50/60/60M	\$39.95
1029	AMD4	Four function drop in for Atlas B23-7,B30-7, B36-7,C628,Dash8-32BW,Dash8-40B, GP-38,GP-40,GP-40-2,SD-7,SD-9,SD-35	\$39.95
1279	ASD4	Four function Atlas short drop in for Atlas GP-7, GP-9, GP-30 , GP-35	\$39.95
1278	CN	Fits Atlas, Kato, Lifelike and other N scale diesel engines with vintage split lighting board design	\$39.95
1286	CN-GP	Four Function Classic N decoder for GP Chassis Locomotive.	\$39.95
1298	EUN651	Two function plug and play 6 pin NEMA type decoder for British Outline locomotives	\$34.95
1332	K0D8-A	Eight function drop in decoder for the Kato Alco PA1, P42, E9A, and E8/9A	\$39.95
1333	K0D8-B	Eight function drop in decoder for the Kato F3A and F7A	\$39.95
1338	K0D8-C	Eight function drop in decoder for the Kato F40PH	\$39.95
1339	K0D8-D	Eight fuction drop in decoder for the Kato B Units: PB1,F3B,F7B,E9B	\$39.95
1293	K1D4	Four function drop in decoder for Kato SD40, SD40-2, SD70MAC, SD70/75M, C44-9W, AC4400, and GG1, and the Athearn F45.	\$39.95
1318	K1D4-NC	Four function drop in decoder without motor clips and with surface mount LED's	\$39.95
1294	K2D4	Four function drop in decoder for Kato RS2, RSC2, SD80/90MAC, and the Walthers RS2	\$39.95
1295	K3D3	Three function drop in decoder for Kato NW2	\$39.95
1327	IMD4	Four function drop in decoder for Intermountain SD40T-2, SD45T-2, SD45-2	\$39.95
1328	IMF4	Four function drop in decoder for Intermountain F3A/B, F7A/B, F9B .	\$39.95
1329	IMFP4	Four function drop in decoder for Intermountain FP7A , FP9A.	\$39.95
1330	IMFTA4	Four function drop in decoder for Intermountain FTA.	\$39.95
1331	IMFTB4	Four function drop in decoder for Intermountain FTB .	\$39.95

SKU NUMBER	ITEM	DESCRIPTION	MSRP
1030	MP-15N	Four function drop in for Atlas MP15	\$39.95
1031	VO-1000	Four function drop in for Atlas VO-1000	\$39.95
<b>Note*M1,M3, M4 and MC series decoders will fit into many N scale locomotives.</b>			
<b>Z SCALE DECODERS</b>			
1297	MZA4	Four function drop in decoder for all Micro-train z-scale locomotives	\$39.95
1296	Z2	Two function hardwired decoder for Z, N and light duty HO-Scale locomotives	\$39.95
****	Z2P-(XX)	Two function hardwired decoder with NMRA harness	\$44.95
<b>VOLTAGE REGULATORS</b>			
1032	VR1.5	1.5 volt regulated power supply	\$11.99
<b>WIRE HARNESS &amp; KITS</b>			
1033	WH (7" length)	Standard harness without NMRA plug	\$2.20
1034	MC-WH (7" length)	Micro harness without NMRA plug	\$2.20
1035	AUX-WH (6")length	Auxiliary harness for T series decoders	\$2.20
1036	C628 (1 <sup>3</sup> / <sub>4</sub> ")length	Stewart C628/630 wiring harness with NMRA plug	\$6.99
1037	E6 (3 <sup>9</sup> / <sub>16</sub> ")length	Life Like Proto 2000 E6 wiring harness with NMRA plug	\$6.99
1038	LH (7")length	Long wiring harness with NMRA plug	\$6.99
1039	MH (3 <sup>5</sup> / <sub>8</sub> ")length	Medium wiring harness with NMRA plug	\$6.99
1040	PA (2 <sup>7</sup> / <sub>8</sub> ")length	Life Like Proto PA wiring harness with NMRA plug	\$6.99
1041	P2K (3/8")length	SD60,GP30,GP9,GP7 wiring harness with NMRA plug	\$6.99
1042	SH (1 <sup>1</sup> / <sub>4</sub> ")length	Short wiring harness with NMRA plug	\$6.99
1043	1" (1")length	1" harness with NMRA plug	\$6.99
1044	UK-SH (1 <sup>1</sup> / <sub>4</sub> ")length	United Kingdom harness in short harness length	\$6.99
1173	UK-MH (3 <sup>5</sup> / <sub>8</sub> ")length	United Kingdom harness in medium length	\$6.99
1045	UK (2 <sup>1</sup> / <sub>8</sub> ")length	United Kingdom wiring harness	\$6.99
1046	VO (3/4")length	Fits Stewart VO 1000 and most other Stewarts	\$6.99
1047	MC-KD (2")length	MC series 2" harness with NMRA plug for Kato Diesels	\$6.99
1048	MC-LH (7")length	MC series Long wiring harness with NMRA plug	\$6.99
1049	MC-MH (3 <sup>5</sup> / <sub>8</sub> ")length	MC series Medium wiring harness with NMRA plug	\$6.99
1050	MC-SH (1 <sup>1</sup> / <sub>4</sub> ")length	MC series Short wiring harness with NMRA plug	\$6.99

SKU NUMBER	ITEM	DESCRIPTION	MSRP
<b>WIRE HARNESS &amp; KITS</b>			
1051	MC-VO (3/4")length	MC series Fits Stewarts VO 1000 and most other Stewarts	\$6.99
1052	MC-1" (1")length	MC series 1"harness with NMRA plug	\$6.99
1053	MC-UK (2 1/8")length	MC series United Kingdom harness	\$6.99
1054	MC-S1 (7/8")length	MC series for Life Like S1 Switcher	\$6.99
1263	K-1	Harness Kit includes (1) 9 pin harness,(1) 8 pin NMRA board and (8) pins	\$3.49
<b>PLUGS &amp; CONNECTORS</b>			
1253	EP	Extension plug for DP2X	\$2.00
1254	CB	8 pin NMRA plug circuit board with 8 pins	\$2.00
1255	CBU	8 pin NMRA plug circuit board with 8 pins unassembled	\$1.50
1301	2-Pin Micro Connector	Two pin micro quick plug, wired connector .12" x .0857" x .243" .05" pitch	\$8.75
1336	6-Pin Micro Connector CLD	Six pin micro quick plug, wired connector with colored wires .312" x .087" x .244" .05" pitch	\$13.95
1337	6-Pin Micro Connector	Six pin micro quick plug, wired connector with black and white wires .312" x .087" x .244" .05" pitch	\$13.95
<b>JST</b>			
1309	JST6	JST 6 pin male/female in-line connector	\$6.75
<b>LED'S</b>			
1258	LEDGW	Golden white 3mm LED	\$1.50
1288	LED SW	Sunny white 3mm LED	\$1.50
1282	SMGW LED 10 Pack	Surface mount golden white type 0603 LED 10 Pack	\$16.57
1273	SMSW LED 10 Pack	Surface mount sunny white type 0603 LED 10 Pack	\$16.57
1311	CBGW 10 Pack	LED's mounted on micro circuit board for easy wire attachment (10 pack)	\$22.50
1312	CBSW 10 Pack	LED's mounted on micro circuit board for easy wire attachment (10 pack)	\$22.50
1322	WiredGWM	Golden White LED's mounted on micro circuit board with magnet wires for easy attachment (10 pack)	\$41.67
1323	WiredSWM	Sunny White LED's mounted on micro circuit board with magnet wires for easy attachment (10 pack)	\$41.67
1267	LED Kit	LED kit contains (2) 3mm Golden white LED's, (2) 1/4w 680ohm Resistors, (1) 12" Blue wire, (1) 8" yellow wire, (1) 8" white wire	\$4.59
1289	LED Kit	LED kit contains (2) 3mm Sunny white LED's, (2) 1/4w 680ohm Resistors, (1) 12" Blue wire, (1) 8" yellow wire, (1) 8" white wire	\$4.59

SKU NUMBER	ITEM	DESCRIPTION	MSRP
KAPTON TAPE			
1256	KT	Kapton Tape 1/4" wide x 36 yds. roll. Thin (2.5mil thick) heat resist tape for loco installations. Amber color	\$9.75
1304	KT2	Kapton Tape 1/2" wide x 36 yds. roll. Thin (2.5mil thick) heat resist tape for loco installations. Amber color	\$14.40
1305	KT3	Kapton Tape 3/4" wide x 36 yds. roll. Thin (2.5mil thick) heat resist tape for loco installations. Amber color	\$19.20
1306	KT4	Kapton Tape 1" wide x 36 yds. roll. Thin (2.5mil thick) heat resist tape for loco installations. Amber color	\$24.00
RESISTORS			
1062	270ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1063	300 ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1064	330 ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1065	360 ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1066	390 ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1067	430 ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1068	470 ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1069	510 ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1070	560 ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1071	620 ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1072	680 ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1073	750 ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1074	820 ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1075	910 ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1076	1K ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1077	1.2K ohm Resistor	1/4 watt Axial lead, Bulk pack 200	\$4.50
1319	1K 1/6 ohm Resistor	1/6 watt Axial lead, Bulk pack 200	\$5.25
1324	1.2K 1/6 ohm Resistor	1/6 watt Axial lead, Bulk pack 200	\$5.25

SKU NUMBER	ITEM	DESCRIPTION	MSRP
<b>THIRTY GAUGE WIRE</b>			
1078	Black 20' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$2.90
1079	Brown 20' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$2.90
1080	Red 20' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$2.90
1081	Orange 20' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$2.90
1082	Yellow 20' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$2.90
1083	Green 20' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$2.90
1084	Blue 20' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$2.90
1085	Violet 20' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$2.90
1086	Gray 20' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$2.90
1087	White 20' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$2.90
1088	Pink 20' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$2.90
1089	Tan 20' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$2.90
1090	Black/White stripe 20' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$6.60
1091	Green/Black stripe 20' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$6.60
1216	Black 10' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$1.70
1196	Brown 10' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$1.70
1197	Red 10' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$1.70
1198	Orange 10' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$1.70
1199	Yellow 10' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$1.70
1200	Green 10' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$1.70
1202	Violet 10' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$1.70
1201	Blue 10' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$1.70
1208	Tan 10' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$1.70
1203	Gray 10' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$1.70
1204	White 10' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$1.70

SKU NUMBER	ITEM	DESCRIPTION	MSRP
1205	Pink 10' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$1.70
1206	Black/White stripe 10' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$3.30
1207	Green/Black stripe 10' length	Thirty Gauge seven strand wire, outside diameter of .026"	\$3.30
<b>THIRTY-TWO GAUGE WIRE</b>			
1219	Black 20' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$4.90
1220	Red 20' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$4.90
1221	Orange 20' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$4.90
1222	Yellow 20' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$4.90
1223	Green 20' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$4.90
1224	Blue 20' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$4.90
1225	Violet 20' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$4.90
1226	Gray 20' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$4.90
1227	White 20' length	Thirty-two gauge seven strand wire outside diameter of .022"	\$4.90
1217	Black 10' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$2.70
1209	Red 10' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$2.70
1210	Orange 10' length	Thirty-two gauge seven strand wire outside diameter of .022"	\$2.70
1211	Yellow 10' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$2.70
1212	Green 10' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$2.70
1213	Blue 10' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$2.70
1214	Violet 10' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$2.70
1215	Gray 10' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$2.70
1218	White 10' length	Thirty-two gauge eighteen strand wire outside diameter of .022"	\$2.70
<b>THIRTY-SIX GAUGE WIRE</b>			
1299	White 10' length	Thirty-six gauge wire eighteen strand wire outside diameter of .016	\$7.00
1300	White 20' length	Thirty-six gauge wire eighteen strand wire outside diameter of .016	\$14.00

SKU NUMBER	ITEM	DESCRIPTION	MSRP
1307	Black 10' length	Thirty-six gauge wire eighteen strand wire outside diameter of .016	\$7.00
1308	Black 20' length	Thirty-six gauge wire eighteen strand wire outside diameter of .016	\$14.00
<b>MAGNET WIRE</b>			
1315	Red Magnet	Thirty-four gauge magnet wire (20')	\$2.50
1316	Green Magnet	Thirty-four gauge magnet wire (20')	\$2.50
1317	Twisted Magnet	Thirty-four gauge red and green magnet wire; twisted (20')	\$6.00
<b>DECODER/HARNESS COMBINATIONS</b>			
1104	T1P-SH	T1 decoder with short NMRA harness	\$29.99
1022	T1P-MH	T1 decoder with Medium NMRA harness	\$29.99
1105	T1P-LH	T1 decoder with Long NMRA harness	\$29.99
1112	T1P-1"	T1 decoder with 1" NMRA harness	\$29.99
1107	T1P-E6	T1 decoder with Life Like Proto 2000 E6 wiring harness with NMRA plug	\$29.99
1106	T1P-C628	T1 decoder with Stewart C628/630 with NMRA wiring harness	\$29.99
1109	T1P-P2K	T1 decoder with SD60, GP30, GP9, GP7 wiring harness with NMRA plug	\$29.99
1108	T1P-PA	T1 decoder with Life Like Proto PA wiring harness with NMRA plug	\$29.99
1110	T1P-VO	T1 decoder with harness that fits Stewart VO 1000 and most other Stewarts	\$29.99
1111	T1P-UK	T1 decoder with United Kingdom NMRA harness	\$29.99
1113	T1P-UK-SH	T1 decoder with United Kingdom short NMRA harness	\$29.99
1114	T1P-UK-MH	T1 decoder with medium united kingdom NMRA harness	\$29.99
1138	T4XP-SH	T4X decoder with short NMRA harness	\$32.95
1025	T4XP-MH	T4X decoder with Medium NMRA harness	\$32.95
1139	T4XP-LH	T4X decoder with Long NMRA harness	\$32.95
1146	T4XP-1"	T4X decoder with 1" NMRA harness	\$32.95
1141	T4XP-E6	T4X decoder with Life Like Proto 2000 E6 wiring harness with NMRA plug	\$32.95
1140	T4XP-C628	T4X decoder with Stewart C628/630 with NMRA wiring harness	\$32.95
1143	T4XP-P2K	T4X decoder with SD60, GP30, GP9, GP7 wiring harness with NMRA plug	\$32.95
1142	T4XP-PA	T4X decoder with Life Like Proto PA wiring harness with NMRA plug	\$32.95
1144	T4XP-VO	T4X decoder with harness that fits Stewart VO 1000 and most other Stewarts	\$32.95
1145	T4XP-UK	T4X decoder with United Kingdom NMRA harness	\$32.95

SKU NUMBER	ITEM	DESCRIPTION	MSRP
		<b>DECODER/HARNESS COMBINATIONS</b>	
1147	T4XP-UK-SH	T4X decoder with United Kingdom short NMRA harness	\$32.95
1148	T4XP-UK-MH	T4X decoder with medium united kingdom NMRA harness	\$32.95
1149	T6XP-SH	T6X decoder with short NMRA harness	\$35.95
1027	T6XP-MH	T6X decoder with Medium NMRA harness	\$35.95
1150	T6XP-LH	T6X decoder with Long NMRA harness	\$35.95
1157	T6XP-1"	T6X decoder with 1" NMRA harness	\$35.95
1152	T6XP-E6	T6X decoder with Life Like Proto 2000 E6 wiring harness with NMRA plug	\$35.95
1151	T6XP-C628	T6X decoder with Stewart C628/630 with NMRA wiring harness	\$35.95
1154	T6XP-P2K	T6X decoder with SD60, GP30, GP9, GP7 wiring harness with NMRA plug	\$35.95
1153	T6XP-PA	T6X decoder with Life Like Proto PA wiring harness with NMRA plug	\$35.95
1155	T6XP-VO	T6X decoder with harness that fits Stewart VO 1000 and most other Stewarts	\$35.95
1156	T6XP-UK	T6X decoder with United Kingdom NMRA harness	\$35.95
1158	T6XP-UK-SH	T6X decoder with United Kingdom short NMRA harness	\$35.95
1159	T6XP-UK-MH	T6X decoder with medium united kingdom NMRA harness	\$35.95
1115	MC2P-SH	MC2 decoder with short wiring harness with NMRA plug	\$34.95
1015	MC2P-MH	MC2 decoder with medium wiring harness with NMRA plug	\$34.95
1117	MC2P-LH	MC2 decoder with long wiring harness with NMRA plug	\$34.95
1118	MC2P-KD	MC2 decoder with 2" wiring harness for Kato diesels with NMRA plug	\$34.95
1119	MC2P-VO	MC2 decoder with wiring harness that fits Stewart VO 1000 and most other Stewarts	\$34.95
1121	MC2P-UK	MC2 decoder with United Kingdom wiring harness with NMRA plug	\$34.95
1120	MC2P-1"	MC2 decoder with 1" wiring harness with NMRA plug	\$34.95
1122	MC2P-S1	MC2 decoder with wiring harness for Life Like S1 switcher	\$34.95
1160	MC2P-SH-5PK	MC2 decoder with short harnesses 5 pack	\$156.00
1161	MC2P-MH-5PK	MC2 decodesr with medium harnesses 5 pack	\$156.00
1123	MC4P-SH	MC4 decoder with short wiring harness with NMRA plug	\$39.95

SKU NUMBER	ITEM	DESCRIPTION	MSRP
		<b>DECODER/HARNESS COMBINATIONS</b>	
1128	MC4P-1"	MC4 decoder with 1" wiring harness with NMRA plug	\$39.95
1018	MC4P-MH	MC4 decoder with medium wiring harness with NMRA plug	\$39.95
1125	MC4P-LH	MC4 decoder with long wiring harness with NMRA plug	\$39.95
1126	MC4P-KD	MC4 decoder with 2" wiring harness for Kato diesels with NMRA plug	\$39.95
1127	MC4P-VO	MC4 decoder with wiring harness that fits Stewart VO 1000 and most other Stewarts	\$39.95
1129	MC4P-UK	MC4 decoder with United Kingdom wiring harness with NMRA plug	\$39.95
1128	MC4P-1"	MC4 decoder with 1" wiring harness with NMRA plug	\$39.95
1130	MC4P-S1	MC4 decoder with 1" wiring harness with NMRA plug	\$39.95
1169	M1P-SH	M1 decoder with NMRA short harness	\$39.45
1007	M1P-MH	M1 decoder with NMRA medium harness	\$39.45
1170	M1P-LH	M1 decoder with NMRA long harness	\$39.45
1168	M1P-UK	M1 decoder with NMRA United Kingdom harness	\$39.45
1177	M3P-SH	M3 decoder with NMRA short harness	\$42.60
1010	M3P-MH	M3 decoder with NMRA medium harness	\$42.60
1178	M3P-LH	M3 decoder with NMRA long harness	\$42.60
1171	M3P-UK	M3 decoder with NMRA United Kingdom harness	\$42.60
1179	M4P-SH	M4 decoder with NMRA short harness	\$46.80
1012	M4P-MH	M4 decoder with NMRA medium harness	\$46.80
1180	M4P-LH	M4 decoder with NMRA long harness	\$46.80
1172	M4P-UK	M4 decoder with NMRA United Kingdom harness	\$46.80
1264	FL4P-SH	FL4 decoder with short NMRA harness	\$23.36
1185	FL4P-MH	FL4 decoder with medium NMRA harness	\$23.36
1321	Z2P-MH	Z2 decoder with Medium NMRA harness	\$44.95
1341	Z2P-SH	Z2 decoder with Short NMRA harness	\$44.95
1342	Z2P-VO	Z2 decoder with VO NMRA harness	\$44.95



# New Services offered at TCS:

Because of the fact that our customers are having issues with certain decoder installation, we decided to offer some decoder installation services.

The price includes the TCS decoder, frame modification if needed, and the installation.

If you send 2 locomotives or more we will give you 5% off.

Dealers receive discount.

In case of any questions, contact Arthur at [techsupport@tcsdcc.com](mailto:techsupport@tcsdcc.com) or call (215)-453-9145

New Services Offered at TCS:	MSRP
CN Decoder Installation	\$64.95
CN-GP Decoder Installation	\$64.95
MZA4 Decoder Installation	\$69.95