



**Shourt Line**  
 Model Trains & Electronics  
 Our engineers are always ready to serve you!

**SL Products Discount Price List 2009**

Revised 3/24/2009 All Prices in US Dollars

Item	Description	SL Price
<b>Track &amp; Loco Contacts, Magnets and LGB replacement products</b>		
SL-TM-1705	<a href="#">Neodymium Sound Activation Track Magnet (replaces LGB 1705, 17050)</a>	Made in USA 2.29
SL-TMU-1705	<a href="#">Invisible Under Track Tie Sound Magnet (replaces LGB 1705, 17050)</a>	Made in USA 0.91
SL-TC-17100	<a href="#">Track Contact (replaces LGB 1700 and 17100)</a>	Made in USA 12.95
SL-LM-17010	<a href="#">Loco Magnets 2 each (replaces LGB 17010, Massoth 8420102)</a>	Made in USA 8.23
SL-TC-17100-nt-xx	<a href="#">Track Contact xx = length of cable in feet, nt = no term blk add \$.25/ft</a>	Made in USA 9.00
SL-24V-2SW-Ctrl	Dual Latching Relay Controller New Product - Makes any relay latching	Made in USA 49.95
SL-RLY-2P4T-5A	Relay and socket - use with SL-24V-2SW-Ctrl to make a latching relay ▼	11.95
<b>Power Supplies, Cable Sets and AC power transformers</b>		
SL-PS800-3-28F	<a href="#">Power Supply 800VA, 9 to 28 Volts at 32 Amps</a>	Made in USA 699.99
ME PS800 cbl se	<a href="#">Cable set for PS800 (above) for Massoth 1210Z and 1203B</a>	Made in USA 175.00
SL-PS300-1-27F	<a href="#">Power Supply 300VA, 18.8 to 27.2 Volts at 12.5 Amps ▼</a>	69.95
SL-PS200-1-27F	<a href="#">Power Supply 200VA, 18.4 to 27.4 Volts at 8.3 Amps ▼</a>	59.95
SL-PS-16AC40	<a href="#">AC Transformer 40VA 16.5VAC 2.4A (use with EPL motors &amp; accessories) ▼</a>	11.95
<b>DC (analog) Train Throttles (pure DC)</b>		
SL-TLC12F	<a href="#">12.5 Amp Linear Throttle + on demand fan</a>	Made in USA 189.95



**Phoenix Sound Systems, Inc. Products**

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Item	Description	SL Price
<b>Sound Board</b>		
5000-xx	Phoenix BigSound™ P5 Board: [sound]	144.00
5xxx-xx	Phoenix BigSound™ P5 Complete Kit Please specify kit code from Kit Code listin	162.00
6055-05	P5T Auxiliary Input Board for BigSound™ P5	40.50
9000-xx	Phoenix BigSound™ PB9 Board: [sound]	180.00
9xxx-xx	Phoenix BigSound™ PB9 Complete Kit Please specify kit code from Kit Code list	220.50
<b>Computer Interface</b>		
1110-00	Computer Interface / Sound Library Upgrade CD (5 1/4")	9.00
1200-00	Computer Interface Kit: Sound Library CD USB Interface & 1m USB Cable	81.00
1222-00	USB Computer Interface Box	63.00
1222-01	1m USB Cable A-B	4.50
<b>Batteries &amp; Capacitors</b>		
7000-09	3.6V NiMH Battery 380mAh	9.00
7100-02	3.6V 10 Farad Capacitor for BigSound™ PB9 & 2K2	31.50
7500-25	BigSound™ P5 'Dirty Track' Filter Capacitor	22.50
<b>Connectors &amp; Switches</b>		
6000-05	BigSound™ P5 & PB9 Computer Interface 2.5mm Jack	6.08
6001-02	BigSound™ 2K2/PB9 Volume Switch	4.95
6001-05	BigSound™ P5 Volume Switch	5.40
6002-05	BigSound™ P5 C1 connector: Power/Speaker	6.30
6003-09	BigSound™ PB9 C5 Connector: Speaker	2.70
6010-02	3.6-Volt Battery Replacement Plug	1.80
6011-02	3.6V Battery Plug Extension	3.42
6011-05	BigSound™ P5 Connector C2 with Volume switch and Reed Switch	7.20
6012-05	BigSound™ P5 Connector C2 with Volume switch and Trigger 1 Leads	6.30
6013-05	BigSound™ P5 Connector C2 with Volume switch Reed Switch and Trigger 2 Leads	8.10
6014-05	BigSound™ P5 Connector C2 with Volume switch and Trigger 1 & 2 Leads	7.20
6020-02	Reed Switch encapsulated for Feature Activation	1.89
6020-05	Reed Switch encapsulated for Feature Activation with ZH crimp for P5	2.03
6025-00	Neodymium Rare Earth Magnets	1.62
6030-02	RCA Jack for Big Sound™ 2K2 & PB9 Audio Out	3.60
6200-09	BigSound™ P Aristocraft Power Connector	1.80
6300-02	BigSound™ 2K2 & PB9 Spade Connectors for Bachmann Spectrum Series	2.16
6604-02	BigSound™ 2K2 & PB9 LGB New Orleans Streetcar Plug Set: Motor and Power	13.50
6613-02	BigSound™ 2K2 & PB9 LGB Genesis Power Connector	1.80
6700-02	BigSound™ 2K2 & PB9 Power Connector for USA Trains Locomotives	2.16



**Phoenix Sound Systems, Inc. Products**

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Item	Description	SL Price
<b>Speakers</b>		
820-570	Speaker: 2.25" Round 8 W Alnico magnet	9.23
820-770	Speaker: 3" Round Low Profile 8 W Ferrite magnet	10.85
820-771	Speaker: 3" Round 8 W Ferrite magnet	14.72
822-500	Speaker: 2" Football 8 W 2 ears Neodymium magnet 5W RMS	9.23
822-660	Speaker: 2.5" Square Modified 8 W 2 ears Ferrite magnet 3W RMS	11.39
824-023	Speaker: 23mm Square 8 W 4 mounting ears Rare Earth magnet 1W	9.23
824-036	Speaker: 36mm Square 8 W 4 mounting ears Rare Earth magnet 2W	9.23
824-040	Speaker: 28.5mm x 40mm (1.12" x 1.57") Oval 8 W 4 ears Rare Earth magnet 1W	11.03
824-102	Speaker: 4" Square 8 W 4 ears Ferrite magnet 4W RMS	15.35
824-660	Speaker: 2.5" Square 8 W 4 ears Ferrite magnet 3W RMS	11.48
824-710	Speaker: 41mm x 71mm (1.61" x 2.79") Oval 8 W 4 ears shielded Ferrite magnet	9.95
824-890	Speaker: 3.5" Square 8 W 4 ears Ferrite magnet 4W RMS	11.30



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Item	Description	SL Price
<b>Digital Components</b>		
8136501	DiMAX1210Z Central Station, 12 Amps	1,085.73
8136001	DiMAX 800Z Central Station, 8 Amps	939.53
8141001	DiMAX 1203B Digitalbooster 3 x 4 Amps	686.69
8130701	DiMAX DRC 300 - total operating freedom <b>NEW!</b>	130.99
8134701	DiMAX Navigator with FM Radio Control US	422.65
8134001	DiMAX Navigator	338.68
8132001	DiMAX RC Receiver US	177.37
8132501	DiMAX Retrofit RC Transmitter US	110.84
8132701	DiMAX Feedback Transmitter <b>NEW!</b>	114.53
8138501	DiMAX Transducer MTS II > MASSOTH	103.47
8130001	DiMAX Multi Receiver, wireless XpressNet interface for LENZ systems	194.62
8138001	DiMAX Adapter	44.35
8135501	DiMAX Connector	14.69
8154501	eMOTION M Loco Decoder, <b>the mouse</b> , 1.6 Amps <b>NEW!</b>	66.06
8154001	eMOTION L Loco Decoder, 1.9 Amps	87.24
8150001	eMOTION XL Loco Decoder, 3 Amps	97.31
8153001	eMOTION XXL Loco Decoder, 8 Amps, <b>The Big Boy!</b>	144.80
8152001	eMOTION 8FL Function Decoder	46.81
8150501	eMOTION DCC Interface Cable LGB + Aristo	9.24
8150602	eMOTION 6-phase interface cable, DCC, for LGB, 2 per pack	12.32
8150701	eMOTION DCC Onboard Adapter <b>NEW!</b>	39.09
8151001	eMOTION Power Buffer	39.93
8151501	eMOTION Gold Cap Power Buffer	112.29
8175001	DiMAX PC Module	232.55
8156001	DiMAX Motor Switch Decoder	90.27
8157001	DiMAX Reverse Loop Module	119.89
8170001	DiMAX Feedback Module	81.54
8155001	DiMAX Multi Function Module (Braking Module)	144.34
8170501	DiMAX Train Detection Module (Additional Mod.)	45.25
8420502	DiMAX digital track contact, 2 per pack	44.32
8139001	Loco ID Reader (LGB MTS II)	221.68
8139301	Code Stickers for 64 Loco Addresses(loco ID reader)	38.16
8139601	Sensor Head f. Loco ID Reader (single)	119.42
8160005	Code- and Magnet Support (5 pieces)	36.71



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Item	Description	SL Price
<b>Sound Decoder</b>		
<b>eMOTION XLS Sound Decoder</b>		
<b>Steam Locomotives</b>		
8210019	2-6-0 Mogul Steam Locomotive	292.96
8210025	US Forney 0-4-4 Steam	292.96
8210026	HF 110 Nicki/ Frank-S Steam Locomotive	292.96
8210027	Ge 3/4 Heidi RhB Steam Locomotive	292.96
8210071	Model Series "U"	292.96
8210074	Spreewald	292.96
8210080	Harz 3-axle Steam Locomotive (HSB 99 6001)	292.96
8210081	Harz 5-axle Steam Locomotive (HSB 99 222)	292.96
8210084	Saxonian two-bogie Steam Locomotive	292.96
8210085	D R Mallet	292.96
8210100	Small Standard Narrow Gauge Steam Locomotive	292.96
8210110	Harz Mallet (HSB 990590)	292.96
8210200	RhB Steam Locomotive	292.96
8210500	BR 01/ 03/ 12	292.96
8210800	Ruegen Steam Loco (DR 99 4633)	292.96
<b>Diesel Locomotives</b>		
8220051	Rugen Diesel Locomotive(V51)+DB Diesel V52	292.96
8220055	Alco Diesel Locomotive (White Pass & Yukon)	292.96
8220057	F7 A/B US Diesel Locomotive	292.96
8220066	"Anteater" Railbus	292.96
8220090	Diesel Switcher Kof	292.96
8220096	OBB Diesel Locomotive 2096	292.96
8220500	Large Standard Diesel Locomotive Regular Gauge	292.96
8220510	DB Diesel Locomotive V160, BR-218	292.96
8220520	VT 98 Rail Car	292.96
<b>Electric Locomotives</b>		
8230035	Old German Streetcar (Prototype Darmstadt)	292.96
8230039	RhB Electric Locomotive, ABe-4-4	292.96
8230040	RhB Electric Locomotive, Ge 6/6 I	292.96
8230042	RhB Electric Locomotive, Ge 4/4 III	292.96
8230043	RhB Electric Locomotive, Ge 4/4 II	292.96
8230045	RhB Electric Locomotive, Ge 2/4	292.96
	Novelty Item	



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Item	Description	SL Price
<b>Sound Decoder</b>		
<b>eMOTION XLS Sound Decoder</b>		
<b>Electric Locomotives</b>		
8230200	RhB Electric Locomotive, Ge 6/6 II	292.96
8230210	RhB Electric Locomotive, Ge4/4 I	292.96
8230510	Taurus BR 182	292.96
8230520	ICE Inter City Express (ICE III)	292.96
<b>eMOTION LS Decoder</b>		
8211100	0-2-0 Small Steam Loco Narrow Gauge	211.79
8221100	Small Diesel Switcher Kof	211.79
8231100	Small Electric Streetcar	211.79
<b>eMOTION XLS Sound Decoder Accessories</b>		
8241010	Loudspeaker 57mm dia,3 Watts HiFi, 8 Ohms	18.47
8241020	Loudspeaker 57mm dia,2 Watts HiFi, 8 Ohms, flat	14.16
8241030	Loudspeaker 70mm dia., 2 Watt, 8 Ohms	14.16
8241040	Loudspeaker 40x40 mm, 2 Watts, 8 Ohms	14.16
8241050	Visaton loudspeaker, 28mm dia, <b>the super flat</b>	<b>NEW!</b> 16.51
8241060	Visaton loudspeaker, 50mm dia, <b>the boom box</b>	<b>NEW!</b> 21.32
8242010	PC Board w/volume regulator for XLS	9.85
8242020	eMOTION reed contact board	<b>NEW!</b> 21.32
8242030	eMOTION pulse generator	<b>NEW!</b> n/a
882019RS	reed switch board for LGB Mogul	15.27
8842030	PC Board w/pulse generator for XLS,requ. service	87.98
<b>LGB Loco upgrades w/ parallel functions</b>		
8127808	LGB 28002 Rügen Steam Engine	67.61
8105518	LGB 20802 Harzquerbahn	67.61
8108108	LGB 20852 DR Steam Engine Mallet	67.61
8130008	LGB 20702 Zillertalbahn	67.61
8133508	LGB 20872 Mikado US	67.61
8133558	LGB 20872 Mikado FR	67.61
8105558	LGB 20542 Hudson (Aster)	67.61
8105568	LGB 20922 Garret (Aster)	67.61
8109008	LGB 20512 Rügen Diesel Engine	67.61
8104618	LGB 20962 ÖBB Diesel	67.61
8126808	LGB 20582 F7B US-Diesel	67.61
8109408	LGB 20420 GE 4/4 III (Upgrade for Pantographs)	40.32
8132208	LGB 20432 GE 4/4 II	67.61
8124408	LGB 20402 RhB Crocodile Electric Loco	67.61
8131508	LGB 55034 Rolling Stock Decoder	19.93



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### LGB Smart Replacements

Item	Description	SL Price
<b>Smoke</b>		
8310101	Smoke generator 5Volt, compare to LGB 65853	33.26
8310201	Smoke generator 18Volt, compare to LGB 65803	33.26
8310301	Smoke generator 24Volt, compare to LGB 65553	33.26
8412101	Pulsed smoke generator Massoth 5Volt	120.60
8412201	Pulsed smoke generator Massoth 19Volt	120.60
8412109	Heating element 5V, for pulsed smoke generator	26.12
8412209	Heating element 19V, for pulsed smoke generator	26.12
8412501	Smoke and cleaning fluid	15.95
<b>Lighting</b>		
8311110	Plug-in bulbs, 5Volt, 10/pack,compare to LGB 68511	14.53
8311210	Plug-in bulbs, 19Volt, 10/pack,compare to LGB 68513	14.53
8311310	Plug-in bulbs, 24Volt, 10/pack,	23.41
8311425	Light bulbs, 18Volt,25/pack,compare to LGB 68501	43.10
8311502	Light bulbs, 18Volt,2pcsw/socket,compare to LGB 68502	9.58
8411102	Club car lighting, 24Volt,(2),compare to LGB 68333	30.56
<b>Cables</b>		
8312108	Micro cable set(8) 3 var. for all Massoth and LGB needs	30.53
8868570	F7 cable set, (1)2-lead, (1)4-lead, <b>Made in USA</b>	17.63
8890075	F7 cable, (1)2-lead, <b>Made in USA</b>	9.70
8855091	LGB booster cable <b>Made in USA</b>	14.55
8890070	5-lead connection cable for LGB loco 2323, 12cm, <b>Made in USA</b>	8.49
<b>Cleaning</b>		
8313104	Power shoes, (4),compare to LGB 63218	15.98
8313508	Carbon brushes,(8), 14mm,compare to LGB 63120	15.98
8313608	Carbon brushes,(8), 16mm,compare to LGB 63120	15.98
8314102	Cleaning wheel pads,(2) for LGB 20670, comp.67267	25.84
8314204	Cleaning pads,(4) compare to LGB 67005	11.08
8314301	Cleaning block,(1) for LGB 50040	11.08
<b>Misc. loco parts</b>		
8420102	Loco magnets,(2), compare to LGB 17010	12.81
8420502	DiMAX digital track contact,2 per pack	46.04
8862201	Buehler electric motor, compare to LGB 62201,short shaft	94.61
8862204	Buehler electric motor, compare to LGB 62204,long shaft	94.61
8855024	single channel switch decoder	76.69
8855027	LGB MTS III loco decoder	131.55
8410101	DCC motor control board, for LGB interface	30.56
9201901	Hall sensor LGB 2019 - <b>service required</b>	19.41
9201903	magnet ring for LGB sound axle - <b>service required</b>	2.43
8851081	110V transformer AC for RIGI cable car, 18V,0.5A	40.59
8865011	LGB sound unit power storage/buffer, LGB # 65011	67.18
8865012	Mogul sound trigger	56.35
8869185	traction tires Mikado, LGB, 54mm, each	5.05

# Massoth<sup>®</sup>

Electronics USA

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Item	Description	SL Price
<b>Lighting</b>		
8120001	Lighting Unit (160mm)	17.26
8120101	Lighting Unit (100mm)	16.00
8122001	LED Coach Lighting digital w/decoder	46.09
8123001	LED Coach Lighting analog, no decoder	30.79
8124001	LED lighting board, 300mm x 10mm !!	<b>NEW!</b> 25.66
8128001	PICO Taurus Lighting Kit w/out decoder	61.44
8128011	PICO Taurus Lighting Kit w/ eMOTION XL decoder	157.68
8129001	PICO BR 218 Lighting Kit	32.00
8311110	Plug-in bulbs, 5Volt, 10/pack,compare to LGB 68511	14.53
8311210	Plug-in bulbs, 19Volt, 10/pack,compare to LGB 68513	14.53
8311310	Plug-in bulbs, 24Volt, 10/pack,	23.41
8311425	Light bulbs, 18Volt,25/pack,compare to LGB 68501	43.10
8311502	Light bulbs, 18Volt,2pcsw/socket,compare to LGB 68502	9.58
8411102	Club car lighting, 24Volt,(2),compare to LGB 68333	30.56
8104010	Lighting board + decoder brackets,10/pack	24.35
<b>Rolling Roads</b>		
8101200	Rolling Road G Gauge,	<b>ALL NEW</b> 61.58
<b>perfect for testing, works instantly on your tracks, no added features required</b>		
8101800	Rolling Road H0	58.97
<b>Track Components</b>		
8100150	Track Clamps, Brass, 50/pkg	92.37
8100165	Track Clamps, Brass, 100/pkg	172.23
8100424	Track Clamps, 39mm, Brass, 24/pkg	83.78
8100448	Track Clamps, 39mm, Brass, 48/pkg	155.20
8102010	Insulated Track Clamps, Brass, 10/pkg	29.30
8102050	Insulated Track Clamps, Brass, 50/pkg	135.47
8102450	Track Clamps, Nickel, 50/pkg	121.29
8102465	Track Clamps, Nickel, 100/pkg	225.79
8102510	Track Clamps, Stainless Steel, 10/pkg	29.30
8102550	Insulated Track Clamps, Stainless Steel, 50/pkg	135.47
<b>8105001</b>	<b>Track Bender G-Scale(perfectly easy radius adjustment)</b>	<b>New Price</b> 372.27
8103103	Flexible Track Clamps Z	32.00
8103203	Flexible Track Clamps N	32.00
8103303	Flexible Track Clamps H0	32.00
8103403	Flexible Track Clamps H0,H0m,H0e	38.16
<b>Figurines</b>		
9200001	Figurines, painted,seated,2ladies,2men, col 01	29.42
9200002	Figurines, painted,seated,2ladies,2men, col 02	29.42
9200003	Figurines, painted,seated,2ladies,2men, col 03	29.42
9200004	Figurines, painted,seated,2ladies,2men, col 04	29.42
9200005	Figurines, painted,seated,2ladies,2men, col 05	29.42
9200000	Figurines, white, seated,2ladies,2men	23.47

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# 1 Massoth Dealer in the USA

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