

**CONSUMER EDITION - FALL 2018 - SIGNAL SUPPLEMENT**



# All Scales Signal System



## **AN INTRODUCTION TO ATLAS' NEW & IMPROVED SIGNAL SYSTEM**

Modern railroads rely on an integrated network of coordinated rules and equipment to move freight and passengers across the country in a timely and safe manner. The most visible aspect of this system to most people is the railroad signal. Located simply by itself along a lonely stretch of single-track mainline, or in concert with many others stretching high above a number of tracks and turnouts near a passenger station or in a freight yard, signals convey important information to train crews regarding what to expect up ahead, and what to do in order to keep their consist moving down the line.

At Atlas, we strive to incorporate the reality of the prototype into your scale modeling experience, and signals are no exception. Our newly designed All Scales Signal System enables you to provide realistic information to your model crews – and your full-scale operators – in a simple yet expandable way. Our growing line of signal heads, masts, and bridges spans most popular modeling eras, and individual signals are easy to attach with standardized plug-and-play connectors, regardless of your modeling scale.

At the center of the new system is our Universal Signal Control Board - item # 70 000 046, which in addition to now supporting both common anode or common cathode signals, gives you the capability of modeling a variety of different prototypical scenarios, such as:

- Stand Alone Operation – in this case a single signal runs independently of other signals, and displays appropriate aspects, such as red – yellow – green, in a timed manner.
- Integrated ABS Block Signaling – Connecting a number of Signal Control Boards together in a daisy-chain fashion enables you to represent a prototypical block signal system, where the occupancy of the blocks ahead and behind your train determines the aspects displayed by the signals. The number of blocks is controlled by a simple jumper setting on each signal control board.
- Approach-Only Signaling – To better support prototypes whose signals do not illuminate until a train is nearby, the Signal Control Board has a setting to enable this behavior.
- Flashing Aspects – On some railroads, in order to increase the number of indications available to train crews, such as intermediate restrictions, certain flashing aspects are used. These aspects are now supported with flashing yellow and green options, and are automatically enabled for certain prototypes by a single jumper setting.
- Complex and Interlocking Signaling – In combination with our new Interlock Control Module, simple turnout indication or complex route-based signaling is possible.
- Manual Control – Full control of signal aspect for Red, Yellow, Flashing Yellow, Flashing Green (with appropriate auto return to Green) is available for those wishing to create the ultimate in CTC-like systems.

From basic layouts to large club empires, the All Scales Signal System opens the gateway to enhanced prototypical operation and realism and ensure that "You're on the Right Track...with Atlas!®"



**ITEM # 70 000 102**  
**N SINGLE HEAD TYPE G SIGNAL**



**ITEM # 70 000 046**  
**UNIVERSAL SIGNAL CONTROL BOARD**



**ITEM # 70 000 077**  
**HO DOUBLE HEAD TYPE G SIGNAL**



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<b>SIGNAL ORDER FORM</b>			
<b>ORDER IN PIECES</b>	<b>ITEM#</b>	<b>DESCRIPTION</b>	<b>MSRP /UNIT</b>
<b>ALL SCALE SIGNAL BOARDS &amp; ACCESSORIES</b>			
	70 000 046	Universal Signal Control Board	\$29.95
	70 000 047	Interlock Control Module	TBA
	70 000 050	Signal Attachment Cable	\$8.95
	70 000 051	Signal Attachment Cable, dual 4-pin harness DIY set	\$3.95
	70 000 052	Signal Extension Cable, short (12" long)	\$4.95
	70 000 053	Signal Extension Cable, medium (60" long)	\$8.95
	70 000 054	Signal Extension Cable, long (72" long)	\$12.95
	70 000 055	Signal Attachment Cable Connector	\$3.95
	70 000 057	SCB Interconnect Cable, short (7' long)	\$5.95
	70 000 058	SCB Interconnect Cable, medium (15' long)	\$10.95
	70 000 059	SCB Interconnect Cable, long (25' long)	\$15.95
	70 000 060	SCB Interconnect Cable Connector	\$3.95
<b>N SCALE SIGNALS</b>			
	70 000 143	N Starter Set (incl. 1- 70 000 102, 1- 70 000 046, 1- 70 000 050)	\$57.95
	70 000 102	N Signal, Type G, Single Head	\$24.95
	70 000 103	N Signal, Type G, Double Head	\$34.95
	70 000 104	N Signal, Type G, Bidirectional	\$34.95
<b>HO SCALE SIGNALS</b>			
	70 000 142	HO Starter Set (incl. 1- 70 000 076, 1- 70 000 046, 1- 70 000 050)	\$57.95
	70 000 076	HO Signal, Type G, Single Head	\$24.95
	70 000 077	HO Signal, Type G, Double Head	\$34.95
	70 000 078	HO Signal, Type G, Bidirectional	\$34.95
	70 000 094	HO Signal, Hooded Modern, Single Head, LH	\$34.95
	70 000 095	HO Signal, Hooded Modern, Single Head, RH	\$34.95
	70 000 096	HO Signal, Hooded Modern, Double Head, LH	\$44.95
	70 000 097	HO Signal, Hooded Modern, Double Head, RH	\$44.95
	70 000 098	HO Signal, Modern Cantilever Bridge, 2 Track, 4 Head, LH	\$89.95
	70 000 099	HO Signal, Modern Cantilever Bridge, 2 Track, 4 Head, RH	\$89.95
	70 000 100	HO Signal, Modern Bridge, 3 Track, 6 Head	\$124.95
	70 000 101	HO Signal, Hooded Modern, Head Only (pr)	\$19.95
<b>O SCALE SIGNALS</b>			
	70 000 141	O Scale Starter Set (incl. 1- 70 000 068, 1- 70 000 046, 1- 70 000 050)	\$97.95
	70 000 056	O Signal Attachment Cable Compatibility Connector	\$5.95
	70 000 064	O Signal, Color Position Light, Single Head	\$69.95
	70 000 066	O Signal, PRR Position Light, Single Head	\$69.95
	70 000 068	O Signal, Type G, Single Head	\$64.95
	70 000 070	O Signal, Type SA, Single Head	\$64.95
	70 000 072	O Signal, Dwarf / Turnout Indicator	\$12.95

**Pre-Order Due Date: Wednesday, December 12th, 2018**

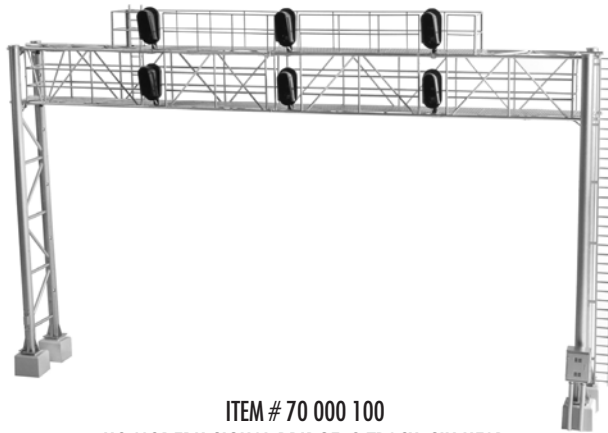
For More Information and to Order, Please Contact Your Atlas Authorized Dealer



ITEM # 70 000 064  
O COLOR POSITION LIGHT SIGNAL, SINGLE HEAD



ITEM # 70 000 097  
HO HOODED MODERN DOUBLE SIGNAL, LEFT



ITEM # 70 000 100  
HO MODERN SIGNAL BRIDGE, 3 TRACK, SIX HEAD



Atlas Model Railroad Co., Inc. • 378 Florence Ave., Hillside, NJ 07205 • USA • [www.atlasrr.com](http://www.atlasrr.com)