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ATLAS 21ST CENTURY SIGNAL™ SYSTEM IN O, HO, & N SCALES



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*In this issue of The Atlas Modeler we look
at the Atlas 21ST CENTURY SIGNAL™ SYSTEM
– In O, HO and N Scales by Jim Weaver*

Cover Photo by Steve Horvath

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ATLAS 21ST CENTURY SIGNAL™ SYSTEM

- In O, HO and N Scales

By Jim Weaver

Prototype signal systems are one of the most familiar of trackside details to be incorporated on miniature rail systems. Ever since the modern position light signals were introduced by the railroads in the mid-1920's, model train manufacturers have been eager to offer them as the quintessential layout accessory. While capturing the appearance of the real thing, operation, in most cases, has been far less than prototypical. Until now.

The Atlas 21st Century Signal System represents a quantum leap in model signal operation and design. Atlas' realistic signal structures will provide you with prototypical operation that can be tailored to any layout. The signal circuit board is the "heart" of the system. Installed in the detailed trackside relay shed (or mounted under your layout), the circuit board is capable of 4 modes of signal operation:

- **Stand-Alone Signal Operation** – Each signal is completely independent and gives a timed Red-Yellow-Green aspect operation. This is the simplest of hook-ups.
- **Integrated Operation** – All signals are connected together and the Red-Yellow-Green aspects are controlled by the blocks and signals in-front-of and behind your train. Hook-up between signals is accomplished easily with the Atlas Signal Cable, pre-packaged in lengths of 7', 15' and 25'.
- **Approach-Only Signal Operation** – On some prototype railroads, signals are off until a train is approaching. The Atlas Signal system has the provisions to duplicate this operation.
- **Complex Signaling** – Atlas offers both single and multiple target versions in HO and N scale for true North American prototype operation. The Atlas Signal System has been designed to be fully compatible with the products offered by Custom Signals, Inc., one of the hobby's premier custom signal builders.

As can be seen by the features that have been designed into the Atlas Signal System, in-depth knowledge of the prototype is essential. Many man hours were put into the design of the system to achieve prototype operation and appearance in a user-friendly manner.



Cover Photo: Steve Horvath



PRR Position Light Signal
(O-Scale shown)



Type SA Searchlight Signal
(O-Scale shown)



Type G Bi-Directional Target Signal
(HO & N Scale shown)



Type G Single Target Signal
(HO & N Scale shown)



All Signals (except Switch Signal) are supplied with relay shed
(O-Scale shown)



Type G Double Target Signal
(HO & N Scale shown)



Type G Double Target Signal
(HO Scale shown)

ITEM #	DESCRIPTION	MSRP	PACKAGING STYLE
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N ATLAS MODEL RR SIGNAL SYSTEM!

230	7' Signal Cable	\$3.95	N/A
231	15' Signal Cable	\$7.25	N/A
232	25' Signal Cable	\$10.95	N/A
233	Analog Block Detector	\$12.95	N/A
2234	N Signal Control Board	\$19.95	N/A
2235	N Type "G" Single Target	\$29.95	A
2236	N Type "G" Single Target (w/PCB)	\$49.95	B
2237	N Type "G" Single Target (4-Pack)	\$99.95	C
2238	N Type "G" Double Target	\$39.95	A
2239	N Type "G" Bi-Directional Single Targets	\$39.95	A

HO ATLAS MODEL RR SIGNAL SYSTEM

230	7' Signal Cable	\$3.95	N/A
231	15' Signal Cable	\$7.25	N/A
232	25' Signal Cable	\$10.95	N/A
233	Analog Block Detector	\$12.95	N/A
234	HO Signal Control Board	\$19.95	N/A
235	HO Type "G" Single Target	\$29.95	A
236	HO Type "G" Single Target (w/PCB)	\$49.95	B
237	HO Type "G" Single Target (4-Pack)	\$99.95	C
238	HO Type "G" Double Target	\$39.95	A
239	HO Type "G" Bi-Directional Single Targets	\$39.95	A

PACKING STYLE NOTES:

A - Includes the signal, jumper wire (signal plug to RJ-11 jack), and signal bungalow.

B - Includes the signal, jumper wire, signal bungalow, signal control PCB and 2-rail (analog) block detector.

C - Includes 4 pieces each of the signal, jumper wire, signal bungalow.

N/A - Not Applicable

ITEM #	DESCRIPTION	MSRP
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O 21ST CENTURY SIGNAL SYSTEM

6930	3 Rail Road Signal - Type "G" signal	\$64.95
7930	2-Rail Road Signal - Type "G" signal	\$74.95
6934	FOUR PACK 3-Rail Road Signal - Type "G" signal	\$239.95
7934	FOUR PACK 2-Rail Road Signal w/ Track Detector-Type "G" signal	\$279.95
6931	Switch Signal	\$32.95
7935	2 Rail Track Detector	\$17.95
6931	Switch Signal-Dwarf	\$32.95
6935	Four Pack-Switch Signal	\$121.95
6937	7' Signal Cable	\$3.95
6938	15' Signal Cable	\$7.25
6939	25' Signal Cable	\$10.95
6932	Type "SA" Searchlight Signal (3-Rail)	\$64.95
6936	Searchlight Signal 4-Pack (3-Rail)	\$239.95
7932	Type "SA" Searchlight Signal (2-Rail)	\$74.95
7936	Searchlight Signal 4-Pack (2-Rail)	\$279.95
6925	PRR Signal - 3-rail	\$64.95
6926	PRR Signal (4-pack) - 3 rail	\$239.95
7925	PRR Signal - 2-rail	\$74.95
7926	PRR Signal (4 pack) - 2 rail	\$279.95