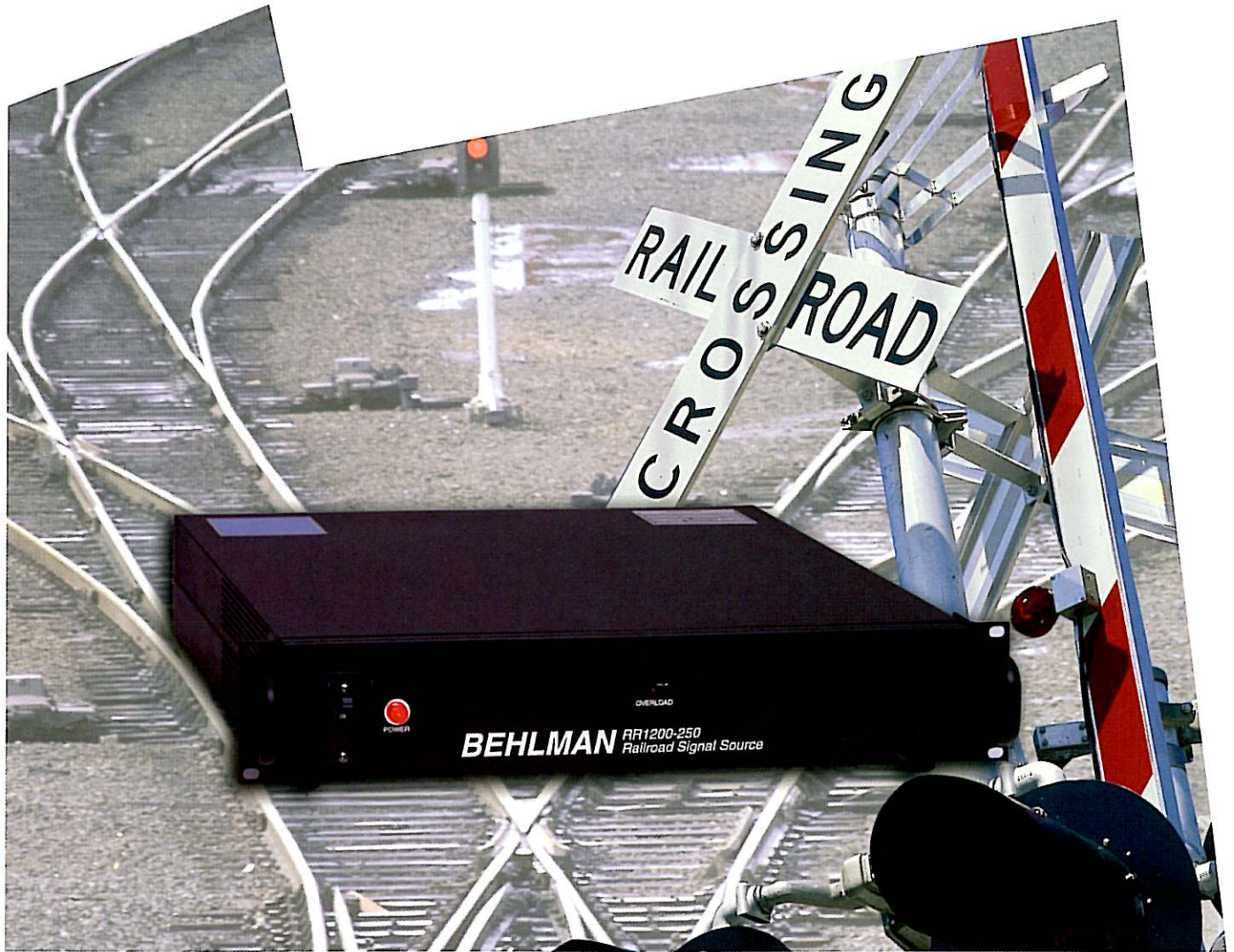


THE RAILROAD SIGNAL SOURCE



DESIGNED FOR THE RIGORS OF WAYSIDE SIGNALING APPLICATIONS

Behlman's **Railroad Signal Source** delivers 1200 VA of clean, regulated AC power in a 3-1/2" high 19" rack mount chassis, for far less cost than competitive models. Optional rubber feet are available for bench top or shelf mount applications.

The **Railroad Signal Source** is ideal for use in bungalows as well as relay shops.

The **Railroad Signal Source** will supply a clean, low distortion 120 VAC sinewave at any output frequency from 45 Hz to 1000 Hz. We have standard units at 50 Hz, 60 Hz, 83 Hz, 91.66 Hz, 100 Hz, 200 Hz, and 250 Hz.

The **Railroad Signal Source** has all the features our customers have come to expect from Behlman; clean sinewave output with excellent line and load regulation, high efficiency and low harmonic distortion, in a compact, ruggedized enclosure. There is a unique overload protection system that folds back the voltage to maintain maximum rated current without distorting the output waveform. **In the event of a short circuit the unit will automatically reset upon overload removal.** In addition, the unit has a mechanical guard for the on/off circuit breaker and **AAR terminals** mounted on the rear for input and output connections.



INTRODUCING THE RAILROAD SIGNAL SOURCE

Behlman's **Railroad Signal Source** converts any 120 VAC, with an input frequency from 45 Hz to 253 Hz, to a clean, regulated, low distortion 120 VAC sinewave for any output frequency from 45 Hz to 1000 Hz. Behlman's **Railroad Signal Source** will supply the signal power you need.

ORDERING INFORMATION:

INPUT VOLTAGE:	120 VAC
INPUT FREQUENCY:	50 Hz, 60 Hz, 100 Hz, 200 Hz, 250 Hz.
OUTPUT VOLTAGE:	120 VAC
OUTPUT FREQUENCY:	MODEL NUMBER
50 Hz	RR1200-50
60 Hz	RR1200-60
83 Hz	RR1200-83
91.66 Hz	RR1200-91.66
100 Hz	RR1200-100
200 Hz	RR1200-200
250 Hz	RR1200-250

Note: Additional input frequencies and output frequencies are available. Please contact Behlman.

Other models are available from 250 VA to 120 KVA.

BEHLMAN

Your Power "Source"

80 Cabot Court
Hauppauge, NY 11788
Tel: 516-435-0410; 800-874-6727 Fax: 516-951-4341

4532 Telephone Road, Suite-103
Ventura, CA 93003
Tel: 805-642-0660; 800-456-2006 Fax: 805-642-0790

RR1200 Railroad Signal Source SPECIFICATIONS

INPUT	120 VAC $\pm 10\%$, 1 phase, 45 - 253 Hz.
OUTPUT	
Power:	1200 VA with overload capability of 110%
Voltage:	120 VAC, isolated and floating
Frequency:	50 Hz, 60 Hz, 83 Hz, 91.66 Hz, 100 Hz, 200 Hz or 250 Hz $\pm 1\%$
Current:	10 Amps
Current Crest Factor:	3 : 1
Power Factor:	100% of rated output into any power factor load
Distortion:	Less than 2% THD Typical
Load Regulation:	$\pm 1.0\%$ No Load to Full Load
Line Regulation:	$\pm 0.5\%$ for $\pm 10\%$ line change

PROTECTION CIRCUITS

Input:	Main circuit breaker with surge arrester and lightning protection.
Overload:	Overload automatically causes voltage to foldback to provide maximum current without distorting output waveform.
Short Circuit Protection:	Short circuit overload electronically latches output to protect load. Automatic reset upon overload removal.
Thermal Protection:	Internal temperature sensor prevents heat damage.
Output:	Surge arrester and lightning protection.

FRONT PANEL CONTROLS AND INDICATORS

Power On/Off circuit breaker, with mechanical guard
Power On indicator, Overload Indicator.

MECHANICAL SPECIFICATIONS

Dimensions:	High strength 19" rack mount chassis, 3.5"H x 17"D.
Weight:	40 lbs.
Operating Temp.:	-25 to 55 Degrees "C"
Input Connections:	Rear mounted AAR Terminals
Output Connections:	Rear mounted AAR Terminals
Option - RF:	Rubber feet. For bench top or shelf mount.



E-mail: sales@behlman.com
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Toll-Free 1-800-874-6727