

Special Sale Pricing limited to duration of Chubb Signaling Series in Railroad Model Craftsman



JLC Enterprises, Inc.

ORDER FORM FOR BRUCE CHUBB INTERFACE CARDS AND BOOKS

ISSUE No. 5

FUNCTION DESCRIPTION	SYMBOL	REGULAR PRICE	SALE PRICE	QTY.	EXTENSION
C/MRI User's Manual V3.1 – 414 pages of figures, parts lists, instructions, photos and text covering SMINI, SUSC, RS485, I/O cards, making connections, simplified wiring, software and application examples with software CD	UM	\$35.00	\$30.00		
Railroader's C/MRI Application Handbook V3.0 Volume 1 Extensions – 386 pages covering occupancy detection, turnout control, integration with DCC, computer's role, cost estimating, system design and computerized diagnostics	HBV1	\$35.00	\$30.00		
Railroader's C/MRI Application Handbook V3.0 Volume 2 Signaling – 422 pages on prototype and model, ABS, APB, CTC, poor man's CTC, operating w/o dispatcher, software, dynamic graphics, emulating modern dispatching centers	HBV2	\$35.00	\$30.00		
Super MINI-node is a single self-contained node with RS232/485 and 48 outputs and 24 inputs.	SMINI	\$32.00	\$28.00		
Super Universal Serial Interface Card used with Maxi-node	SUSIC	\$25.00	\$21.00		
16F877 Microcontroller preprogrammed and tested for use in SMINI and SUSIC	U1B	\$34.00	\$24.00		
RS-232 to RS-485 Conversion Card (one required for implementing a multi-node system)	RS485	\$10.00	\$8.00		
Digital input card (provides 32 input lines)	DIN32	\$20.00	\$18.00		
Digital output card (provides 32 output lines)	DOUT32	\$22.00	\$20.00		
Digital output test card (connects to SMIMI and DOUT32)	TEST32	\$10.00	\$9.00		
Digital command control optimized occupancy detector	DCCOD	\$5.00	\$4.00		
Special current-sensing pulse-transformer used with DCCOD	PT1	\$2.50	\$2.25		
Optimized occupancy detector for DC railroads	OD	\$6.00	\$5.00		
OD motherboard (12 slots for connecting ODs or DCCODs)	ODMB	\$18.00	\$14.00		
OD motherboard (6 slots total with 3 sets power terminals scored for snapping into sub-sections for easy distribution)	ODMB4+2	\$10.00	\$8.00		
Grade crossing controller (flashing lights, gates, prototype recorded grade bell w/4 selectable grade bell control cycles)	PGCC	\$22.00	\$15.00		
Sound IC with recorded prototype grade bell	GBELL1	\$12.00	\$11.00		
Switch motor driver (12 stall motors w/single input/motor)	SMC12	\$20.00	\$15.00		
Searchlight signal driver for 12ea 2-lead LEDs w/yellow adjust for when using Maxi-node (not required using SMINI)	SSD	\$20.00	\$18.00		
Remote searchlight signal terminal for 4ea 3-lead LEDs, w/series resistors & yellow adjust used w/current sourcing	RSST	\$6.00	\$5.00		
Remote searchlight signal driver for 4ea 3-lead LEDs, w/series resistors & yellow adjust used w/current sinking	RSSD	\$8.00	\$6.00		
Resistor 12-circuit terminal strip card	R12TERM	\$6.00	\$5.00		
Classic digital input card (provides 24 input lines)	DIN24*	\$24.00	\$22.00		

Classic digital output card (provides 24 output lines)	DOUT24*	\$26.00	\$24.00		
Classic output test card (connects to DOUT24)	TEST24*	\$16.00	\$10.00		
Dual-coil switch machine driver with single input line	SM2*	\$8.00	\$7.00		
Cab relay card (option for up to 7 relays)	CRC*	\$10.00	\$7.00		
Cab mother board (12 slots for connecting CRCs)	CMB*	\$34.00	\$30.00		

*Items likely discontinued when current supply is exhausted

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Michigan Residents please add 6% Sales Tax. Shipping and Handling charges for non-on-line orders sent in with this order form and shipped to USA address are \$7 for up to 10 items not including books and \$13 for up to 3 books combined with any reasonable quantity of boards that fit in an USPS medium size flat rate box. If ordering 4 to 6 books combined with most any quantity of boards S&H increases to \$17 for fitting into an USPS large flat rate box. For a "Books Only" order, recommend contacting JLC Enterprises at chubbbrucemmr@aol.com for possible shipping by Media Mail.

For outside the USA, please contact JLC Enterprises for determining actual shipping options and cost.

The percent quantity discount to be applied to the total order is defined by the table:

Order Size	Percent Discount
\$0.00 - \$249.99	0%
\$250.00 - \$499.99	10%
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\$1000.00 and over	20%