

Technical Bulletin

No: 202 – Custom Relay Interface Unit

Connect 24v DC from Remote Connector (J5) to terminals 2 and 3.

Terminals 4 and 5 and terminals 6 and 7 are dry relay contacts.

Connect terminals 4 and 5 to the start control of Cart Machine 1.

Connect terminals 6 and 7 to the start control of Cart Machine 2.

Connect terminals 8 and 9 to the relay contacts from the automation system that will control the interface unit. When power is applied to the interface unit one of the green LED's (Cart 1 Next or Cart 2 Next) will light. This LED indicates which Cart machine will start at the next control relay contact closure. If the lit LED indicates that the wrong machine will start next press "Toggle". The toggle switch changes which Cart machine will start next as indicated by the LED's. When the control relay contacts close the yellow start LED will light and the contacts of the indicated start relay will close. When the control relay contacts open the interface unit will toggle to control relay contact closure. The interface unit will toggle back and forth between Cart 1 and Cart 2 unless a "lockout" switch is depressed. The lockout switch will stop one or both of the Cart machines from starting depending on which switches are depressed. When a lockout switch is depressed it will light to indicate the machine is locked out.



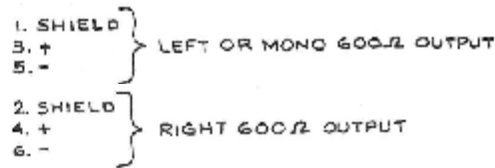
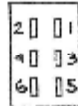
601 Heron Drive
Logan Township, NJ 08085
Phone: 856-467-8000 • Fax: 856-467-3044
<http://www.radiosystems.com>

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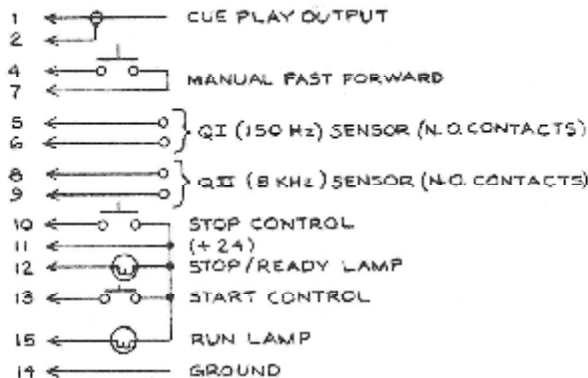
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REV A - ECN 890

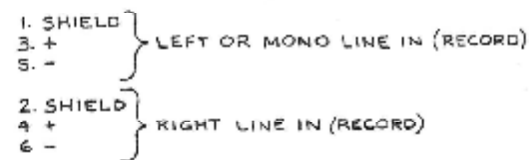
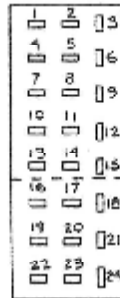
PLAY LINE OUT
(J4)
CINCH NO. P-306-CCT
6 PIN MALE
BEI NO. 418-0304



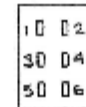
PLAY SECTION



REMOTE CONNECTOR
(J5)
CINCH NO. P-324-CCT
24 PIN MALE
BEI NO. 418-0306



RECORD LINE IN -
(J7)
CINCH NO. S-306-CCT
8 PIN FEMALE
BEI NO. 418-0305

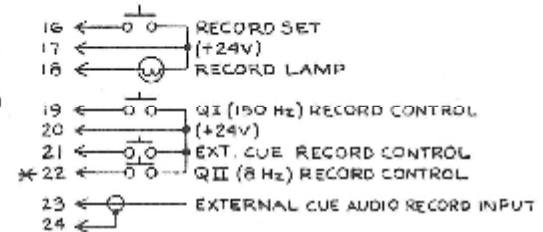


REAR VIEW, MATING CONNECTORS

NOTES:

- ANY 24V PIN (11 PLAY; 11, 17 & 20 RECORD/PLAY) MAY BE USED AS COMMON FOR ALL CONTROLS & LAMPS IF DESIRED.
- ALL LAMPS 28V, .05A OR LESS.
- QI & QII CONTACTS RATED 5.0A RESISTIVE, 20V RMS OR 28VDC. AVOID EXCESSIVE CURRENT INTERRUPTION TO AVOID NOISE.
- CUE OUTPUT LOAD 1.5KΩ MINIMUM. CUE INPUT IMPEDANCE APPROX. 50KΩ UNBALANCED.

RECORD SECTION



* IN DELAY UNITS THIS PIN BECOMES DELAY SET.

BROADCAST ELECTRONICS INC
- A FILMWAYS COMPANY -
3000/4000 SERIES

REAR PANEL CONNECTOR WIRING
REV A
B-906-3104



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Logan Township, NJ 08085
Phone: 856-467-8000 • Fax: 856-467-3044
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