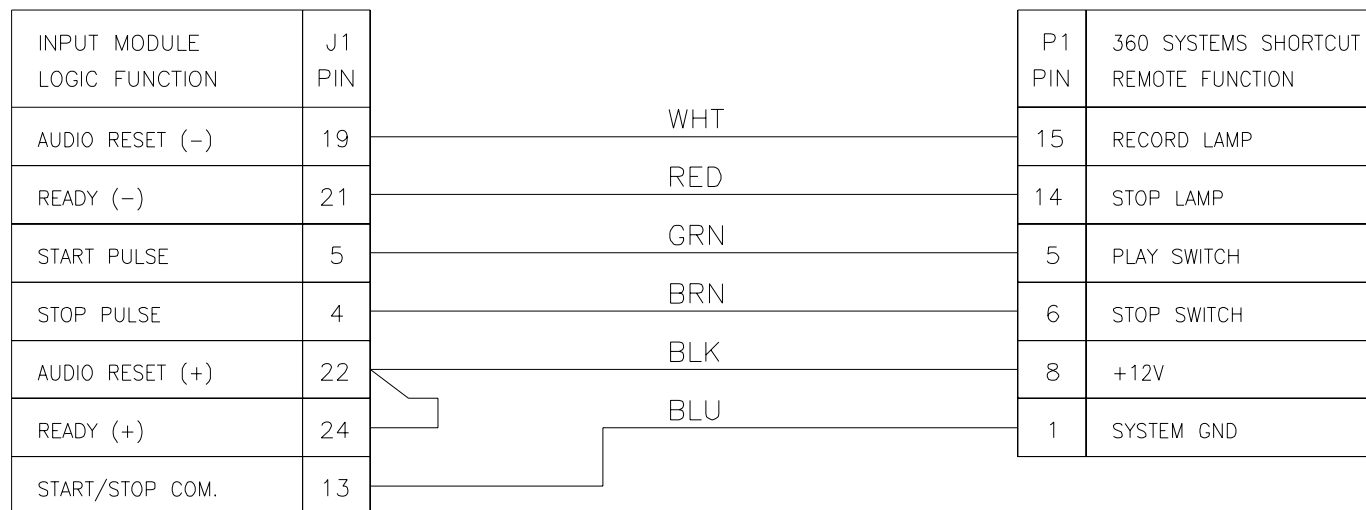


J1: HOUSING, 24-PIN AMP MOD IV W/O STRAIN RELIEF (PR&E #14-513)
 TERMINALS: FEMALE AMP MOD IV, HIGH PRESSURE (PR&E #15-938)

P1: CONNECTOR, 15-PIN, MALE D-SUB, PR&E #15-868
 HOOD: FOR 15 PIN D-SUB, PR&E #15-869

CABLE: 7 COND. BELDEN #9430 OR EQUIV.



THIS DOCUMENT APPLIES TO
 99-638

TITLE

CABLE, MACHINE, 360 SYSTEMS SHORTCUT,
 FOR AIRWAVE/INTEGRITY



PACIFIC RESEARCH
 & ENGINEERING CORPORATION

DRAWN
 JT/rlm

SHEET
 1 OF 1

DATE
 4-SEP-97

APVD.

DWG. NO.
 71-638

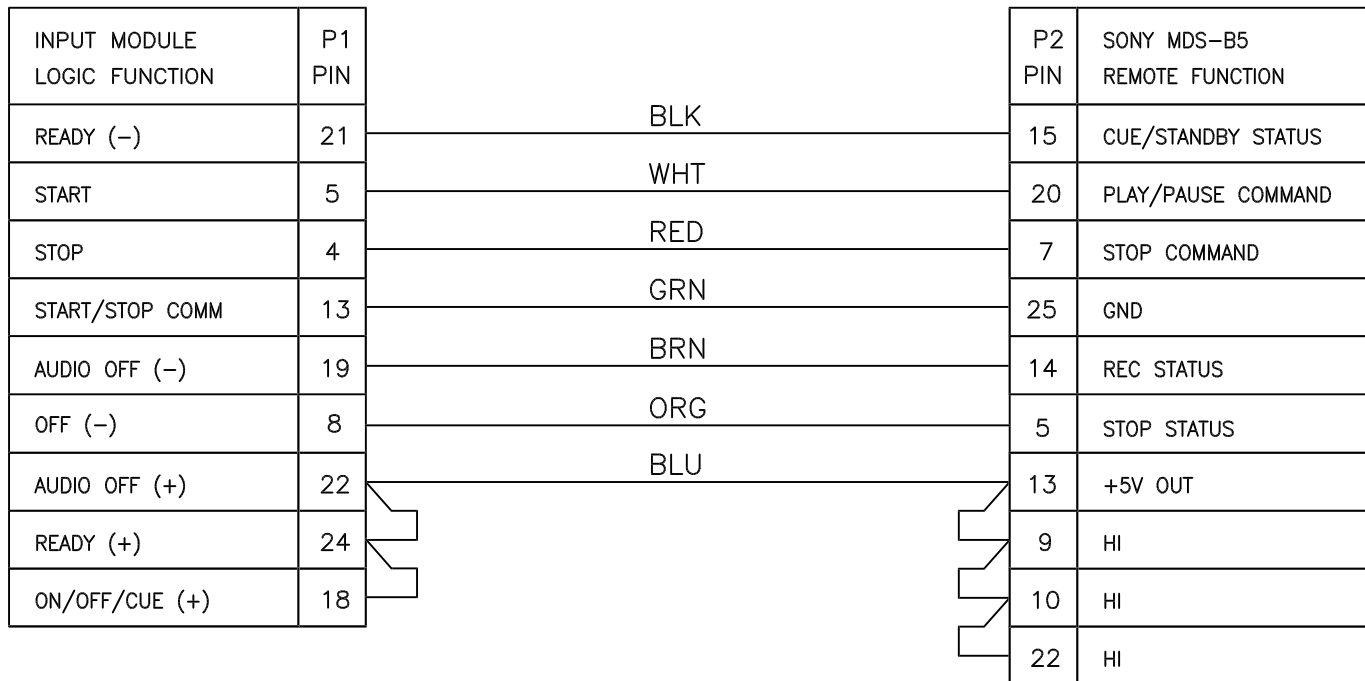
REV.

B

P1: HOUSING, 24-PIN, AMP MOD IV W/STRAIN RELIEF (PR&E #14-500)
 TERMINALS: FEMALE AMP MOD IV (PR&E #15-917-1)

P2: CONNECTOR, 25-PIN, MALE D-SUB, PR&E #15-854
 HOOD: FOR 25-PIN D-SUB, PR&E #15-855

CABLE: 7 COND. BELDEN #9430 OR EQUIV.



NOTES:

A) IN ORDER FOR CONSOLE MODULE TO INSTANT START MINIDISC, THE USER MUST FIRST CUE UP CUT. THIS IS ACCOMPLISHED BY FOLLOWING STEPS:

- 1) INSERT DISC INTO MACHINE.
- 2) SELECT CUT TO BE PLAYED.
- 3) PRESS "PLAY/PAUSE" TO CUE CUT.
- 4) CONSOLE WILL NOW RECOGINZE A CUT IS READY TO PLAY, THE MODULE "OFF" LAMP WILL LIGHT.

B) THIS LOGIC CONFIGURATION WILL TURN THE CONSOLE MODULE OFF WHEN THE MINIDISC IS PLACED IN RECORD ENABLE, PROTECTING AGAINST FEEDBACK.

C) THE SONY MINIDISC TOGGLES BETWEEN PLAY AND PAUSE. IT IS POSSIBLE TO "GET OUT OF SYNC" BETWEEN THE CONSOLE FADER ON/OFF STATUS AND THE MINIDISC PLAY/PAUSE STATUS.

THIS DOCUMENT APPLIES TO 99-660-CU

TITLE
CABLE, MACHINE, INTEGRITY TO SONY MDS-B5



PACIFIC RESEARCH

& ENGINEERING CORPORATION

DRAWN
S. Martin

SHEET
1 OF 1

DATE
13-OCT-97

APVD.

DWG. NO.
71-660

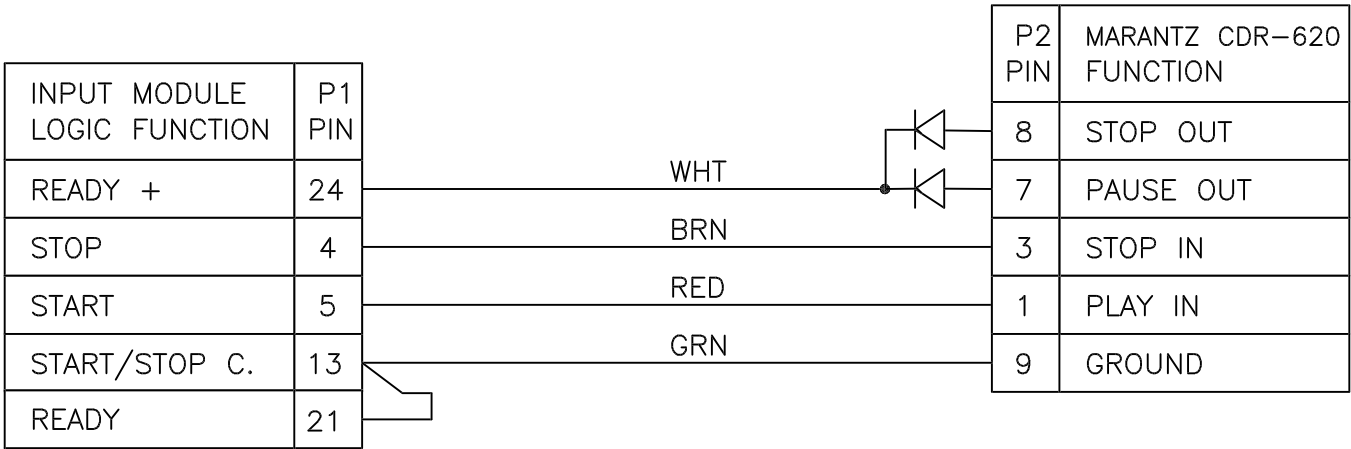
REV.
A

P1: HOUSING, 24-PIN, AMP MOD IV W/STRAIN RELIEF (PR&E #14-500)
TERMINALS: FEMALE AMP MOD IV (PR&E #15-917-1)

P2: CONNECTOR, 9 PIN MALE "D" SUB, TRW/CINCH #DE-9P (PR&E #15-609)
HOOD: D-SUBMINIATURE, AMP #206478-1 (PR&E #15-836)

DIODES: 1N4001, PR&E #11-7

CABLE: 4 COND BELDEN #8444 OR EQUIV.



THIS DRAWING APPLIES TO ASSEMBLY 99-661-CU

TITLE
CABLE, MACHINE, MARANTZ CDR-620, FOR
AIRWAVE/INTEGRITY



PACIFIC RESEARCH
& ENGINEERING CORPORATION

DRAWN
B LEARNED
SHEET
1 OF 1

DATE
12-JAN-98
APVD.

DWG. NO.
71-661

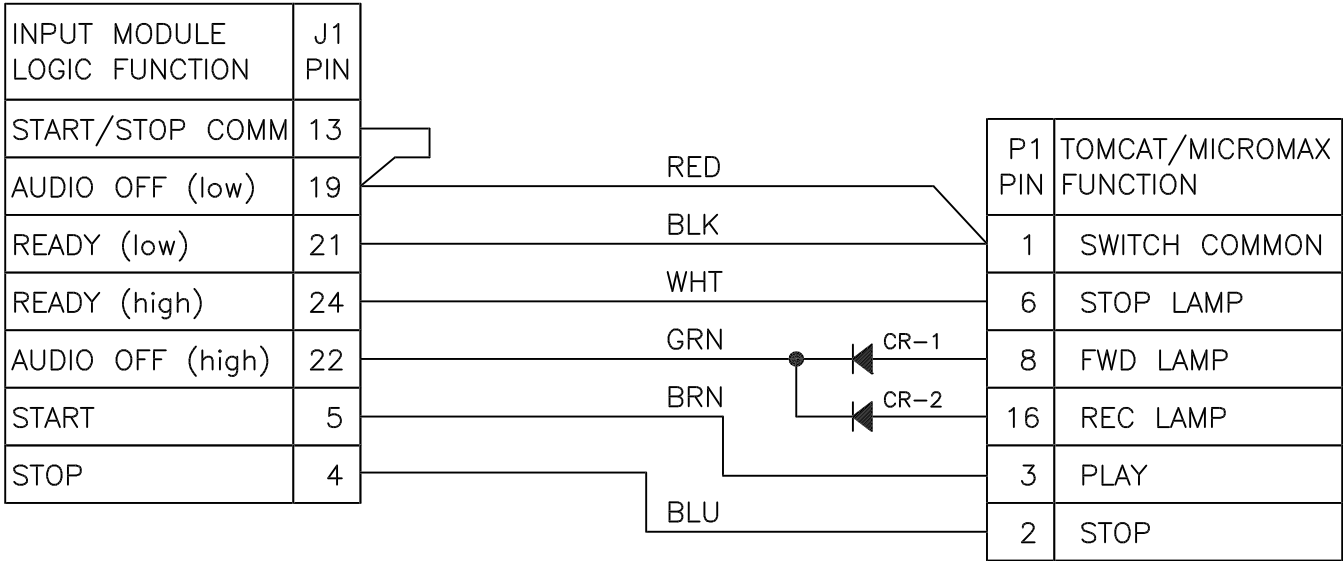
REV.
A

J1: HOUSING: 24-PIN AMP MOD IV W/O STRAIN RELIEF (PR&E #14-513)
TERMINALS: FEMALE AMP MOD IV (PR&E #15-938-1)

P1: HOUSING: 16-PIN MALE AMP #206037-1 (PR&E #15-40)
TERMINALS: MALE AMP #66594-2 (PR&E #15-39)
CLAMP: AMP #206070-1 (PR&E #15-43)

CR-1, 2: DIODES, 1N4001 (PR&E #11-7)

CABLE: 7 COND BELDEN #9430 OR EQUIV.



THIS DOCUMENT APPLIES TO
99-671

 PACIFIC RESEARCH
& ENGINEERING CORPORATION

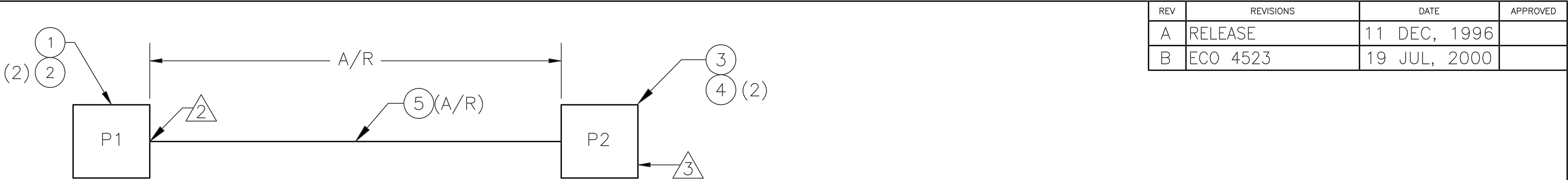
TITLE
CABLE, MACHINE, TOMCAT/MICROMAX
FOR AIRWAVE/INTEGRITY

DRAWN
JT/sr
SHEET
1 OF 1

DATE
1-JUL-97
APVD.

DWG. NO.
71-671

REV.
A



INPUT MOD LOGIC FUNCTION

P1	SIGNAL	PIN		P2	PIN	SIGNAL
	TIMER REST RELAY	1	BLK	1		TIMER COMMON
	TIMER REST RELAY	3	WHT	3		TIMER REST

REMOTE TIMER FUNCTION

WIRE LIST		
FROM	TO	COLOR
P1-1	P2-1	BLACK
P1-3	P2-3	WHITE

5	A/R	19-118	8444	BELDEN	CABLE: 4 COND, 22 AWG, STRANDED
4	2	15-2	02-06-1101	MOLEX	TERMINAL: FEMALE CRIMP PINS
3	1	15-716	03-06-1044	MOLEX	HOUSING: 4-PIN, SQ GRID, F, W/O EARS
2	2	15-917	1-87756-2	AMP	TERMINAL: FEMALE MOD IV REEL
1	1	14-482	102241-1	AMP	HOUSING: 3 PIN FEMALE MOD IV 1X3

ITEM	QTY	PART NO.	MANUFACTURER P/N	MANUFACTURER	DESCRIPTION
------	-----	----------	------------------	--------------	-------------

PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: RADI DECIMALS ANGLES		THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO HARRIS COPRERATION, BROADCAST DIVISION AND MAY NOT BE COPIED IN WHOLE OR IN PART WITHOUT THE WRITTEN AUTHORIZATION OF HARRIS CORPORATION, BROADCAST DIVISION.		<div><div>HARRIS</div><div>2070 LAS PALMAS DRIVE CARLSBAD, CALIFORNIA 92009 USA 760.438.3911 FAX 760.438.9277 WWW.BROADCAST.HARRIS.COM</div></div>	
				TITLE	
				CABLE, AIRWAVE TIMER CONTROL LOGIC TO REMOTE TIMER	
				SIZE DWG. NO.	
MATERIAL:		APPROVALS		DATE	
FINISH:		DESIGN:		11 DEC, 1996	
		DRAWN:		11 DEC, 1996	
		LAST REV BY:		15 JUL, 2000	
		ROWDY MILLER		SCALE: NONE	
				SHEET 1 OF 1	

3. PR&E ASSEMBLY SPECIFICATION 74-50
2. PR&E ASSEMBLY SPECIFICATION 74-57
1. O INDICATES ITEMS LISTED ON THIS PAGE
NOTES: UNLESS OTHERWISE SPECIFIED

J1: HOUSING, 24-PIN AMP MOD IV W/O STRAIN RELIEF (PR&E #14-513)

TERMINALS: FEMALE AMP MOD IV (PR&E #15-938-1)

P1: CONNECTOR, 15-PIN MALE D-SUB, TRW/CINCH #DA-15P (PR&E #15-868)

HOOD: AMP #1-206478-1 (PR&E #15-869)

CABLE: 7 COND BELDEN #9430 OR EQUIV.

INPUT MODULE LOGIC FUNCTION	J1 PIN		P1 PIN	ITC DELTA FUNCTION
AUDIO OFF (high)	22	ORN		
READY (high)	24	RED	11	+5V
AUDIO OFF (low)	19	BLK	10	REM CUE LAMP
READY (low)	21	WHT	13	REM READY LAMP
START	5	GRN	7	REM START
START/STOP COMM	13	BRN	1	LOGIC/SWITCH COM
STOP	4	BLU	6	REM STOP

THIS DOCUMENT APPLIES TO
99-674

 PACIFIC RESEARCH
& ENGINEERING CORPORATION

TITLE
CABLE, MACHINE, ITC DELTA WITH D-SUB
CONNECTOR FOR AIRWAVE/INTEGRITY

DRAWN
JT/sr
SHEET
1 OF 1

DATE
1-JUL-97
APVD.

DWG. NO.
71-674

REV.
A

J1: HOUSING, 24-PIN AMP MOD IV W/O STRAIN RELIEF (PR&E #14-513)

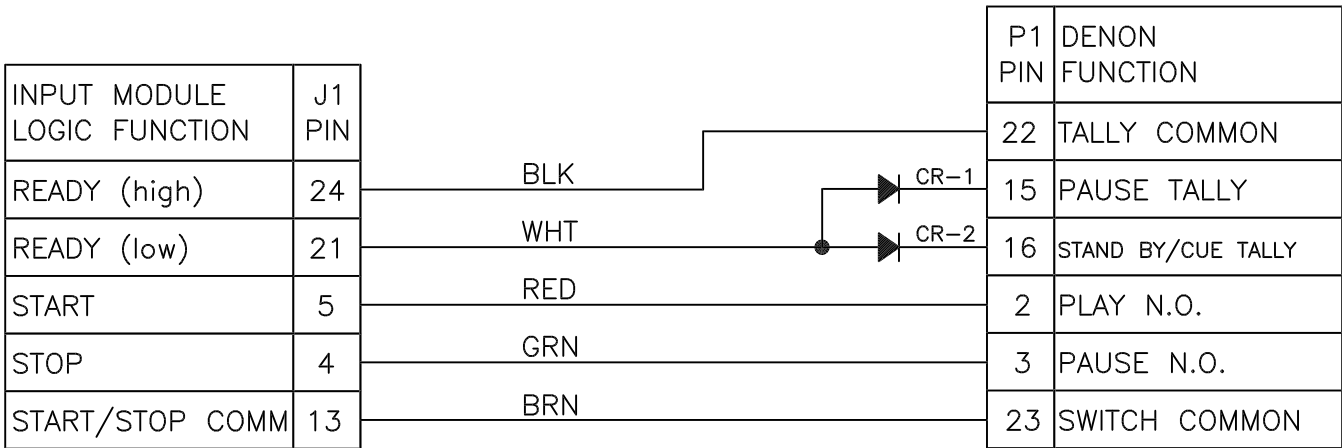
TERMINALS: FEMALE AMP MOD IV (PR&E #15-938-1)

P1: CONNECTOR, 25-PIN MALE D-SUB (PR&E #15-854)

HOOD: (PR&E #15-855)

CR-1, 2: DIODES, 1N4001 (PR&E #11-7)

CABLE: 5 COND BELDEN #8445 OR EQUIV.



THIS DOCUMENT APPLIES TO
99-675

PACIFIC RESEARCH
& ENGINEERING CORPORATION

TITLE CABLE, MACHINE, DENON DN-951, DN-961,
DN-970FA, DN-980F, DN-990R FOR
AIRWAVE/INTEGRITY

DRAWN JT/sr

DATE 19-JUN-97

SHEET 1 OF 1

APVD.

DWG. NO. 71-675

REV. A

J1: HOUSING, 24-PIN AMP MOD IV W/O STRAIN RELIEF (PR&E #14-513)

TERMINALS: FEMALE AMP MOD IV (PR&E #15-938)

P1: HOUSING: 8 PIN MALE DIN (PR&E #17-100)

CABLE: 4 COND BELDEN #8444 OR EQUIV.

INPUT MODULE LOGIC FUNCTION	J1 PIN		P1 PIN	PANASONIC DAT FUNCTION
STOP	4	BLK	1	PAUSE
START	5	WHT	3	PLAY
STOP/START COMM	13	RED	CASE	GND

THIS DOCUMENT APPLIES TO
99-676



PACIFIC RESEARCH
& ENGINEERING CORPORATION

TITLE CABLE, MACHINE, PANASONIC SV-3500,
SV-3700, SV-3900, SV-4100 FOR
AIRWAVE/INTEGRITY

DRAWN JT/sr

DATE 3-OCT-97

DWG. NO. 71-676

REV. A

SHEET 1 OF 1

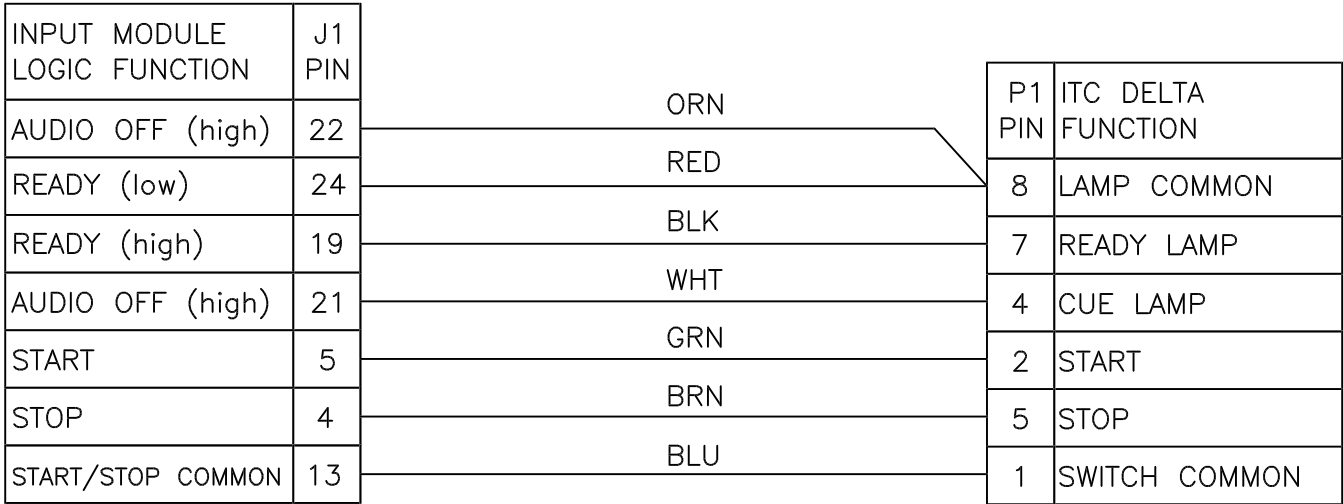
APVD.

J1: HOUSING, 24-PIN AMP MOD IV W/O STRAIN RELIEF (PR&E #14-513)

TERMINALS: FEMALE AMP MOD IV (PR&E #15-938-1)

P1: CONNECTOR, 15-PIN CINCH-JONES #P-315-CCT (PR&E #15-11)

CABLE: 7 COND BELDEN #9430 OR EQUIV.



J1: HOUSING, 24-PIN, AMP MOD IV W/O STRAIN RELIEF (PR&E #14-513)

TERMINALS: FEMALE AMP MOD IV (PR&E #15-938-1)

P1: CONNECTOR, 25-PIN, MALE D-SUB (PR&E #15-854)

HOOD: FOR 25-PIN D-SUB (PR&E 15-855)

CABLE: 4 COND. BELDEN #8444 OR EQUIV.

INPUT MODULE LOGIC FUNCTION	J1 PIN		P1 PIN	TASCAM 112 MKII/112R MKII & 122MKIII FUNCTION
START	5	WHT	1	PLAY IN
STOP	4	RED	4	PAUSE IN
Start/Stop Common	13	BLK	24	GND

THIS DOCUMENT APPLIES TO
99-678

TITLE

CABLE, MACHINE, TASCAM 112 MKII, 112R MKII,
122 MKIII FOR AIRWAVE/INTEGRITY



PACIFIC RESEARCH
& ENGINEERING CORPORATION

DRAWN
JT/rlm

SHEET
1 OF 1

DATE
6-AUG-97

APVD.

DWG. NO.
71-678

REV.

A

J1: HOUSING, 24-PIN, AMP MOD IV W/O STRAIN RELIEF (PR&E #14-513)

TERMINALS: FEMALE AMP MOD IV (PR&E #15-938-1)

P1: CONNECTOR, 12-PIN, MALE TAJAMI #CP12-VC (PR&E #15-870)

CABLE: 4 COND. BELDEN #8444 OR EQUIV.

INPUT MODULE LOGIC FUNCTION	J1 PIN		P1 PIN	TASCAM 112/112R/ 122/122 MKII
Start/Stop Common	13	BLK	8	Switch Common
START	5	WHT	1	PLAY
STOP	4	RED	5	PAUSE

THIS DOCUMENT APPLIES TO
99-679

TITLE

CABLE, MACHINE, TASCAM 112, 112R, 122,
122 MKII, FOR AIRWAVE/INTEGRITY



PACIFIC RESEARCH
& ENGINEERING CORPORATION

DRAWN
JT/rlm

DATE
3-OCT-97

DWG. NO.

71-679

REV.

A

SHEET
1 OF 1

APVD.

J1: HOUSING, 24-PIN, AMP MOD IV W/O STRAIN RELIEF (PR&E #14-513)

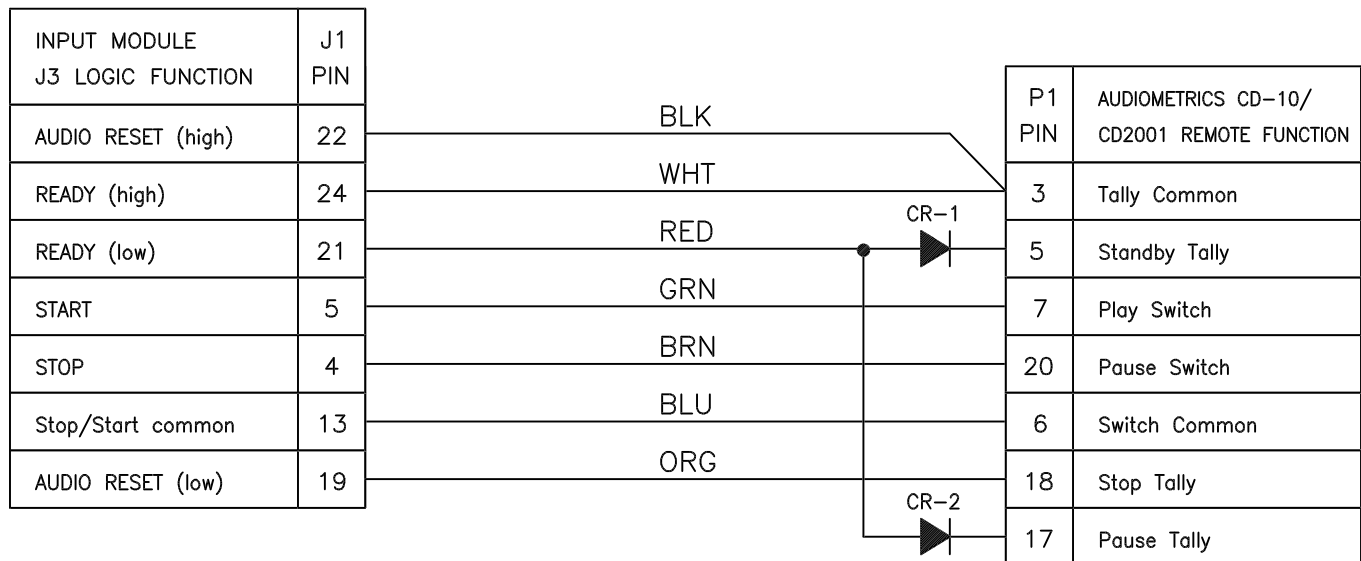
TERMINALS: AMP MOD IV (PR&E #15-938-1)

P1: CONNECTOR, 25-PIN, MALE D-SUB (PR&E #15-854)

HOOD: FOR 25-PIN D-SUB (PR&E #15-855)

CR-1, 2: DIODES, 1N4001 (PR&E #11-7)

CABLE: 7 COND. BELDEN #9430 OR EQUIV.



THIS DOCUMENT APPLIES TO
99-680

TITLE
CABLE, MACHINE, AUDIOMETRICS CD-10/2001,
FOR AIRWAVE/INTEGRITY



PACIFIC RESEARCH
& ENGINEERING CORPORATION

DRAWN
JT/rlm
SHEET
1 OF 1

DATE
13-FEB-98
APVD.

DWG. NO.
71-680

REV.
A

J1: HOUSING, 24-PIN AMP MOD IV W/O STRAIN RELIEF (PR&E #14-513)

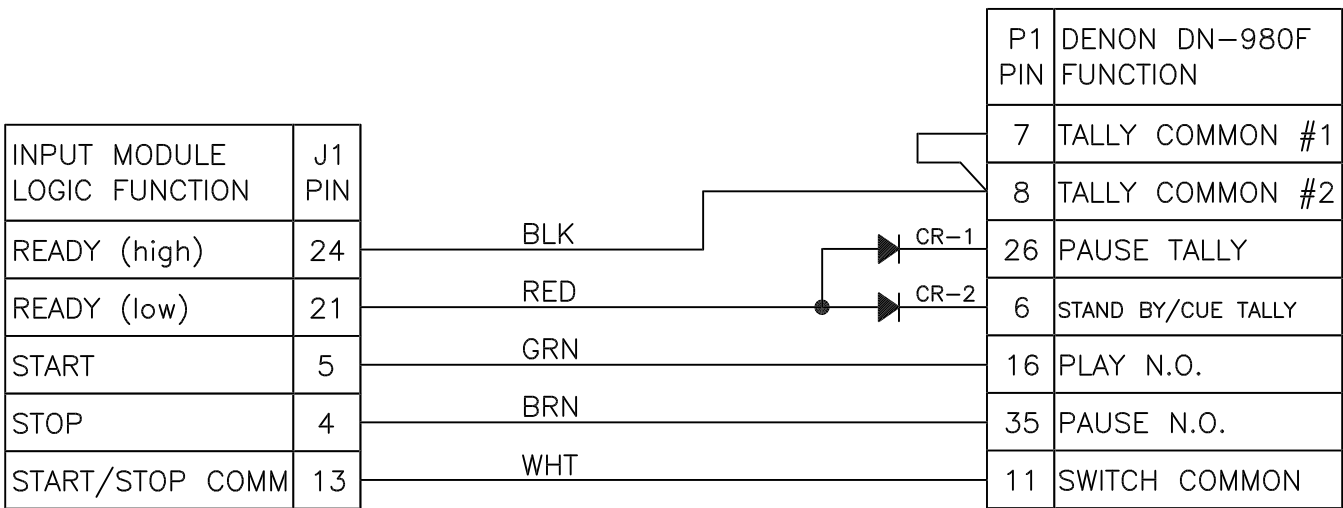
TERMINALS: FEMALE AMP MOD IV (PR&E #15-938-1)

P1: CONNECTOR, 37-PIN MALE D-SUB (PR&E #15-884)

HOOD: (PR&E #15-885)

CR-1, 2: DIODES, 1N4001, (PR&E #11-7)

CABLE: 5 COND BELDEN #8445 OR EQUIV.



THIS DOCUMENT APPLIES TO
99-681

TITLE CABLE, MACHINE, DENON DN-950F FOR
AIRWAVE/INTEGRITY



PACIFIC RESEARCH
& ENGINEERING CORPORATION

DRAWN JT/sr
SHEET 1 OF 1

DATE 19-JUN-97
APVD.

DWG. NO.
71-681

REV.
A

J1: HOUSING, 24 PIN AMP MOD IV W/O STRAIN RELIEF (PR&E #14-513)

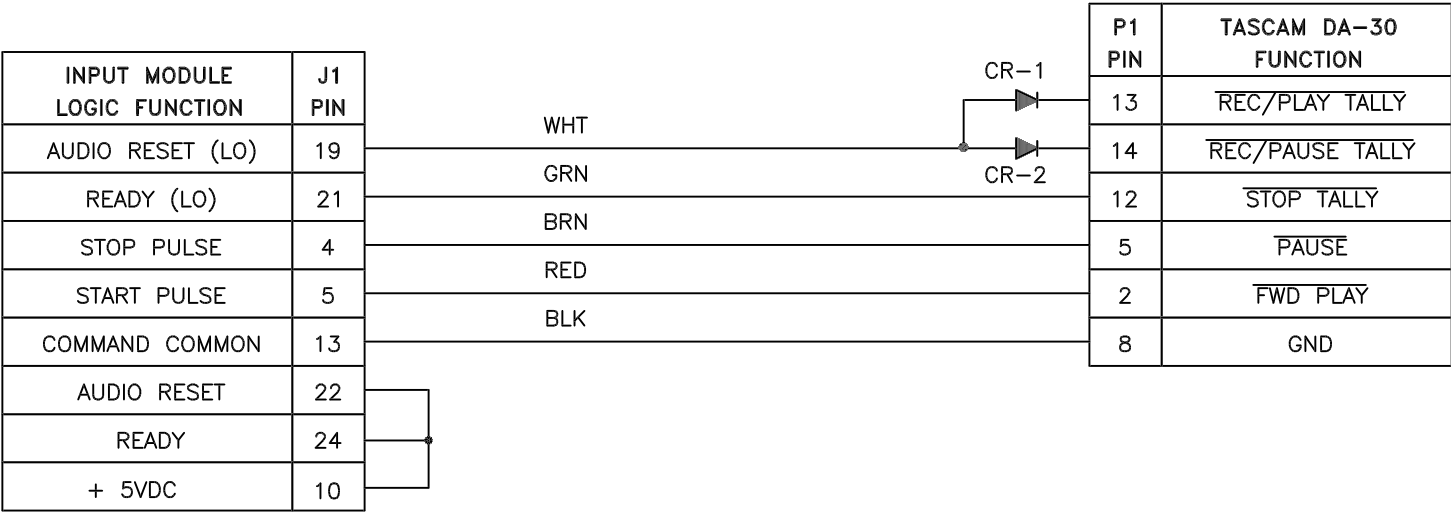
TERMINALS: FEMALE AMP MOD IV (PR&E #15-938-1)

P1: CONNECTOR, 15 PIN, MALE D-SUB, #03-06-1023 (PR&E #15-868)

HOOD: (PR&E #15-869)

CR-1, 2: DIODES, 1N4001, PR&E #11-7

CABLE: 5 COND., BELDEN #8445, 26 GA HOOKUP WIRE



THIS DOCUMENT APPLIES TO
99-683

TITLE
CABLE, MACHINE, TASCAM DA-30 & DA-30 MKII
FOR AIRWAVE/INTEGRITY

DRAWN
B LEARNED

DATE
22-JAN-98

DWG. NO.

REV.

SHEET
1 OF 1

APVD.

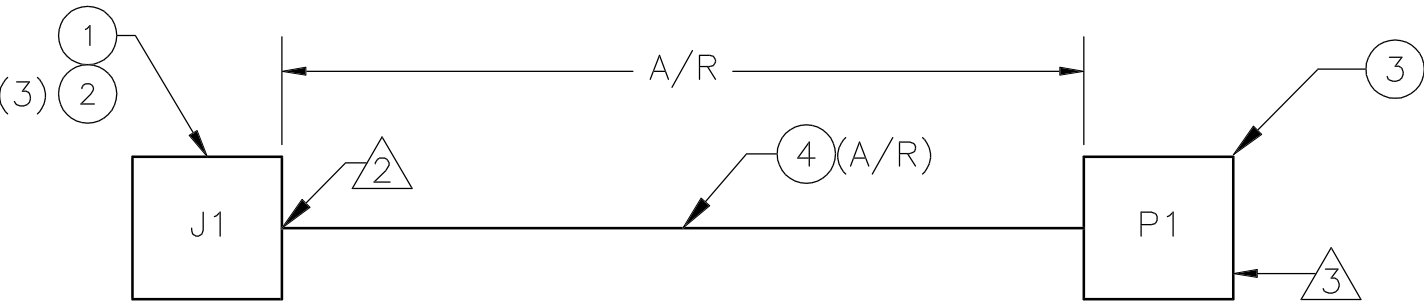
71-683

A



PACIFIC RESEARCH
& ENGINEERING CORPORATION

REV	REVISIONS	DATE	APPROVED
A	RELEASE	30 JUN, 2000	



AIRWAVE

J1	SIGNAL	PIN
	STOP PULSE	4
	START PULSE	5
	COMMAND COM	13


OTARI MTR

P1	PIN	SIGNAL
	6	STOP SW
	1	PLAY SW
	9	EDIT BREAK
	11	GROUND

WIRE LIST		
FROM	TO	COLOR
J1- 4	P1- 6	RED
J1- 5	P1- 1	GREEN
J1-13	P1- 9	BLACK
P1- 9	P1-11	BLACK

4	A/R	19-118	8444	BELDEN	CABLE: 4 COND, 22 AWG, STRANDED
3	1	15-412	P-312-CCT	CINCH JONES	CONNECTOR: 12 PIN M D-SUB
2	3	15-917	1-87756-2	AMP	TERMINAL: FEMALE MOD IV REEL
1	1	14-513	2-87631-0	AMP	HOUSING: 24-PIN, MOD IV W/STR
ITEM	QTY	PART NO.	MANUFACTURER P/N	MANUFACTURER	DESCRIPTION

PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: <u>RADI</u> <u>I</u> <u>DECIMALS</u> <u>ANGLES</u>	THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO HARRIS COPRERATION, BROADCAST DIVISION AND MAY NOT BE COPIED IN WHOLE OR IN PART WITHOUT THE WRITTEN AUTHORIZATION OF HARRIS CORPORATION, BROADCAST DIVISION.					2070 LAS PALMAS DRIVE CARLSBAD, CALIFORNIA 92009 USA 760.438.3911 FAX 760.438.9277 WWW.BROADCAST.HARRIS.COM		
			TITLE CABLE, AIRWAVE TO OTARI MTR 10 OR MX5050 MKI-III, BI, BII					
MATERIAL:	APPROVALS	DATE	SIZE	DWG. NO.			REV.	
	DESIGN: J. KLOPFENSTEIN	30 JUN, 2000	B	71-684			A	
FINISH:	DRAWN: ROWDY MILLER	30 JUN, 2000	SCALE: NONE				SHEET 1 OF 1	
	LAST REV BY:							

3. PR&E ASSEMBLY SPECIFICATION 74-58
2. PR&E ASSEMBLY SPECIFICATION 74-57
1. O INDICATES ITEMS LISTED ON THIS PAGE
NOTES: UNLESS OTHERWISE SPECIFIED

P1: HOUSING, 24-PIN, AMP MOD IV W/STRAIN RELIEF (PR&E #14-500)

TERMINALS: FEMALE AMP MOD IV (PR&E #15-917-1)

P2: CONNECTOR, 12 PIN MALE CINCH-JONES #P-312-CCT (PR&E #15-412)

CABLE: 5 COND BELDEN #8445 OR EQUIV.

INPUT MODULE LOGIC FUNCTION	P1 PIN		P2 PIN	OTARI MX5050 FUNCTION
START	5	RED	1	PLAY SWITCH
STOP	4	GRN	6	STOP SWITCH
START/STOP COMM	13	BRN	11	GROUND

This Document Applies To 99-685-CU

TITLE
CABLE, MACHINE, OTARI MX-50/55,
MX-5050BIII/MKIV, FOR INTEGRITY.



PACIFIC RESEARCH
& ENGINEERING CORPORATION

DRAWN
S. Martin
SHEET
1 OF 1

DATE
13-Jan-98
APVD.

DWG. NO.
71-685

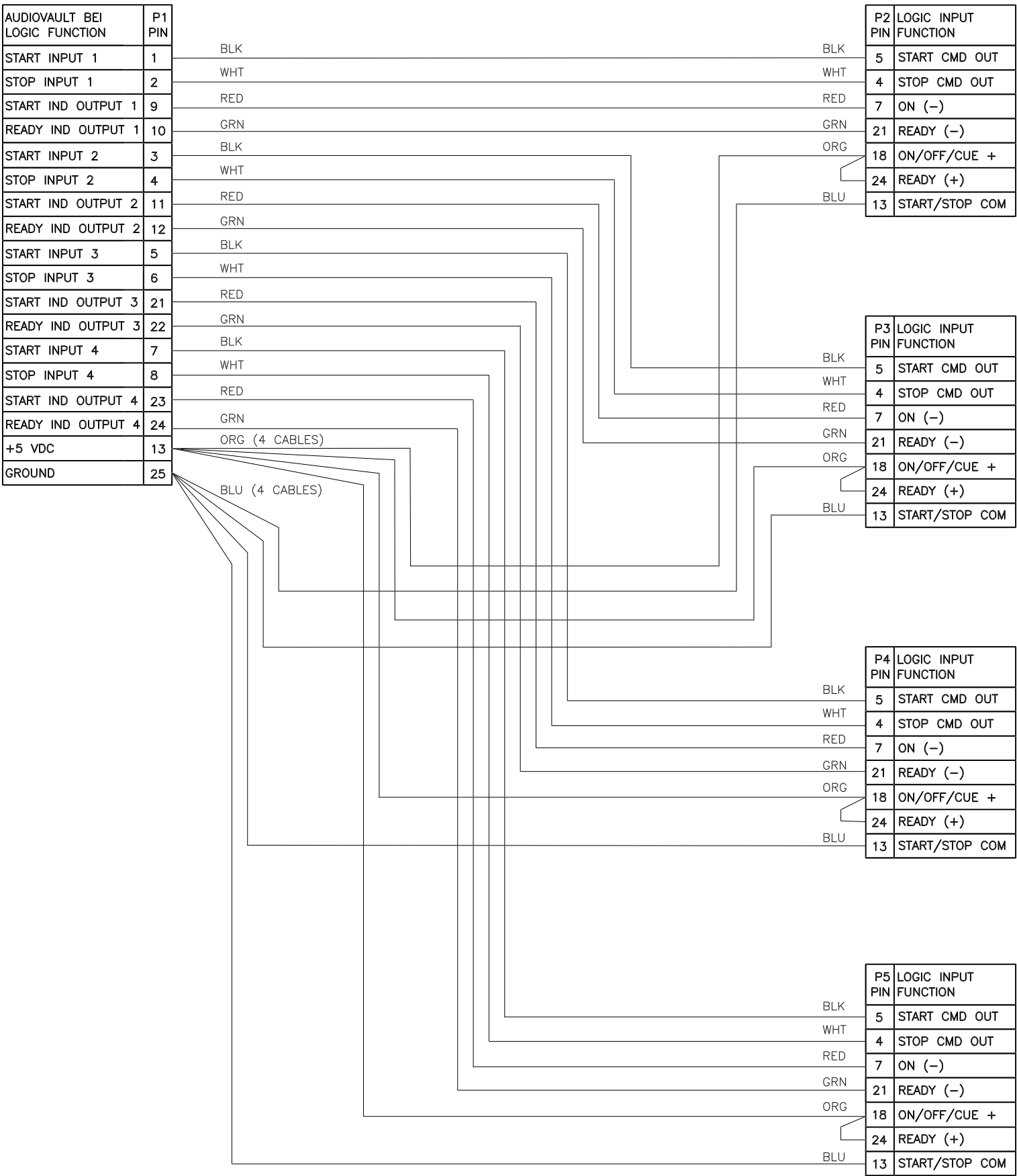
REV.
A

P1: HOUSING, DB25M, PR&E #15-854
HOOD, DB25M, PR&E #15-855

P2, P3, P4, P5: HOUSING, 24-PIN, AMP MOD IV W/O STRAIN RELIEF (PR&E #14-513)

TERMINALS: FEMALE AMP MOD IV (PR&E #15-938-1)

CABLE: 7 COND BELDEN #9430 OR EQUIV.



NOTE:

This cable for use with Audiovault's BEI Board (also known as Parallel Board, Serial Board, RS-422, or any combination of these terms) and AVAIR remote operations from the Integrity console.


The addition of the following lines in the AUDIOVAULT.INI file will be necessary:

```
IDD_START1=BEI1:+17 /MAXON=250,BEI1:-1
IDD_STOP1=BEI1:+18,BEI1:-2
IDD_START2=BEI1:+19 /MAXON=250,BEI1:-3
IDD_STOP2=BEI1:+20,BEI1:-4
IDD_START3=BEI1:+21 /MAXON=250,BEI1:-5
IDD_STOP3=BEI1:+22,BEI1:-6
IDD_START4=BEI1:+23 /MAXON=250,BEI1:-7
IDD_STOP4=BEI1:+24,BEI1:-8
```

If less than four remotes are used on a particular BEI Board, insert only those lines needed. If more than one BEI Board is used, adjust the IDD_START and IDD_STOP identifiers accordingly (please refer to the AVAIR help file for more information).

J1, J2: Housing, 24-Pin AMP Mod IV #2-87631-0 (PR&E #14-513)
 Terminals, Female AMP Mod IV #102128-1, High Retention (PR&E #15-938-1)
 Cable: 25 Cond Belden #8459 or equivalent (PR&E #19-125)

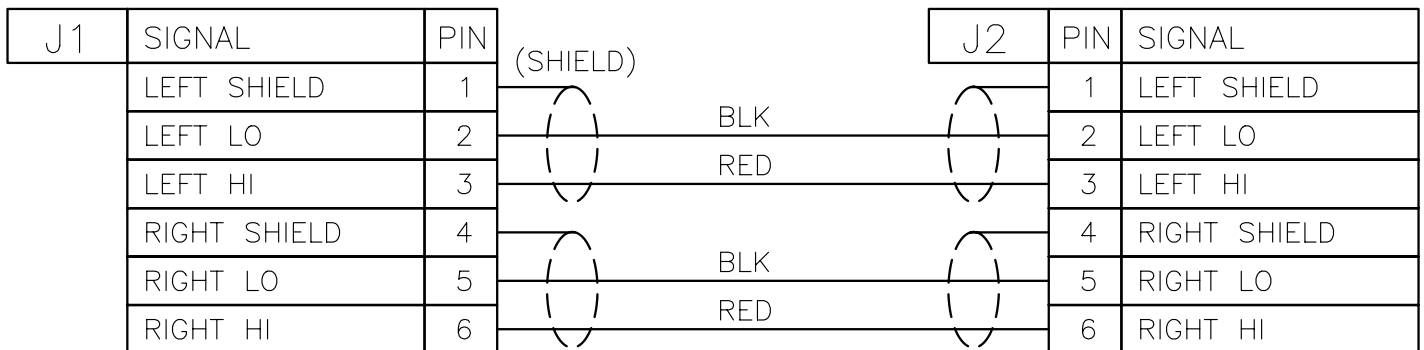
J1 PIN		J2 PIN
1	BLK	1
2	WHT	2
3	RED	3
4	GRN	4
5	ORN	5
6	BLU	6
7	WHT/BLK	7
8	RED/BLK	8
9	GRN/BLK	9
10	ORN/BLK	10
11	BLU/BLK	11
12	BLK/WHT	12
13	RED/WHT	13
14	GRN/WHT	14
15	BLU/WHT	15
16	BLK/RED	16
17	WHT/RED	17
18	ORN/RED	18
19	BLU/RED	19
20	RED/GRN	20
21	ORN/GRN	21
22	BLK/WHT/RED	22
23	WHT/BLK/RED	23
24	RED/BLK/WHT	24

THIS DOCUMENT APPLIES TO 99-696		TITLE CABLE, CONTROL, AMP MOD IV 24 COND., FEMALE TO FEMALE			
 PACIFIC RESEARCH & ENGINEERING CORPORATION	DRAWN	SJQ	DATE	8JUL97	DWG. NO.
	SHEET	1 OF 1	APPROVED		71-696
					REV. B

J1, J2: Housing, 6-Pin AMP Mod IV #87631-2 (PR&E #14-484)
 Terminals, Female AMP Mod IV #102128-1 (PR&E #15-938-1)

Cable: 2 Cond. Shield Belden #9451 or equivalent (PR&E #19-126)

Cable Length: 12.0" for 99-697-0 configuration



THIS DOCUMENT APPLIES TO 99-697-0
 99-697-CU

TITLE CABLE, STEREO, AMP MOD IV
 6 COND., FEMALE TO FEMALE



PACIFIC RESEARCH & ENGINEERING

DRAWN SJQ/RLM
 SHEET 1 OF 1


DATE 10FEB98
 LAST REV BY

DWG. NO. 71-697

REV. B

J1, J2: Housing, 8-Pin AMP Mod IV #87631-4 wo/Strain Relief (PR&E #14-486)
 Terminals, Female AMP Mod IV #102128-1, High Retention (PR&E #15-938-1)
 Cable: 8 Cond Belden #9421 or equivalent (PR&E #19-121)

J1 PIN		J2 PIN
1	BLK	1
2	WHT	2
3	RED	3
4	GRN	4
5	BRN	5
6	BLU	6
7	ORN	7
8	YEL	8

THIS DOCUMENT APPLIES TO 99-702		TITLE CABLE, CONTROL, AMP MOD IV 8 COND., FEMALE TO FEMALE		
 PACIFIC RESEARCH & ENGINEERING CORPORATION	DRAWN DCS	DATE 25JUL97	DWG. NO. 71-702	REV. A
	SHEET 1 OF 1	APPROVED		

J1: Housing, 24-Pin AMP Mod IV #2-87631-0 (PR&E #14-513)
 Terminals, Female AMP Mod IV HP #102128-1 (PR&E #15-938-1)

J2: Housing, Wafer, 10-Pin Female Locking, Molex #22-01-2107 (PR&E #15-524)
 Terminals, Gold Crimp, Female, Molex #08-56-0110 (PR&E #15-8)

Cable: 9 Cond Belden #9423 (PR&E #19-122) or equivalent

Wire: 26 AWG White Hookup, UL1429 (PR&E #19-94)

INPUT MODULE LOGIC FUNCTION	J1 PIN		J2 PIN	GUEST PANEL FUNCTION
+5VDC	10	BLK	1	TALLY +VDC
TALKBACK (-)	20	WHT	2	TALKBACK SWITCH
ON TALLY	17	RED	7	ON LAMP
OFF TALLY	16	GRN	9	OFF LAMP
LOGIC ACTIVE	15	BRN	5	TALKBACK/COUGH LAMP
LOGIC GND	1	BLU	10	SWITCH COMMON
ON (-)	7	ORN	6	ON SWITCH
OFF (-)	8	YEL	8	OFF SWITCH
COUGH (-)	9	VIO	4	COUGH SWITCH
+5VDC LOGIC	6	WHT		
EXT CTRL IN (+)	18			
LOGIC GND	2	WHT		
TALLY COMMON	14			

THIS DOCUMENT APPLIES TO 99-716-CU

TITLE
 CABLE, LOGIC, MIC INPUT MODULE
 TO GUEST PANEL (99-949-X), AIRWAVE



PACIFIC RESEARCH
 & ENGINEERING CORPORATION

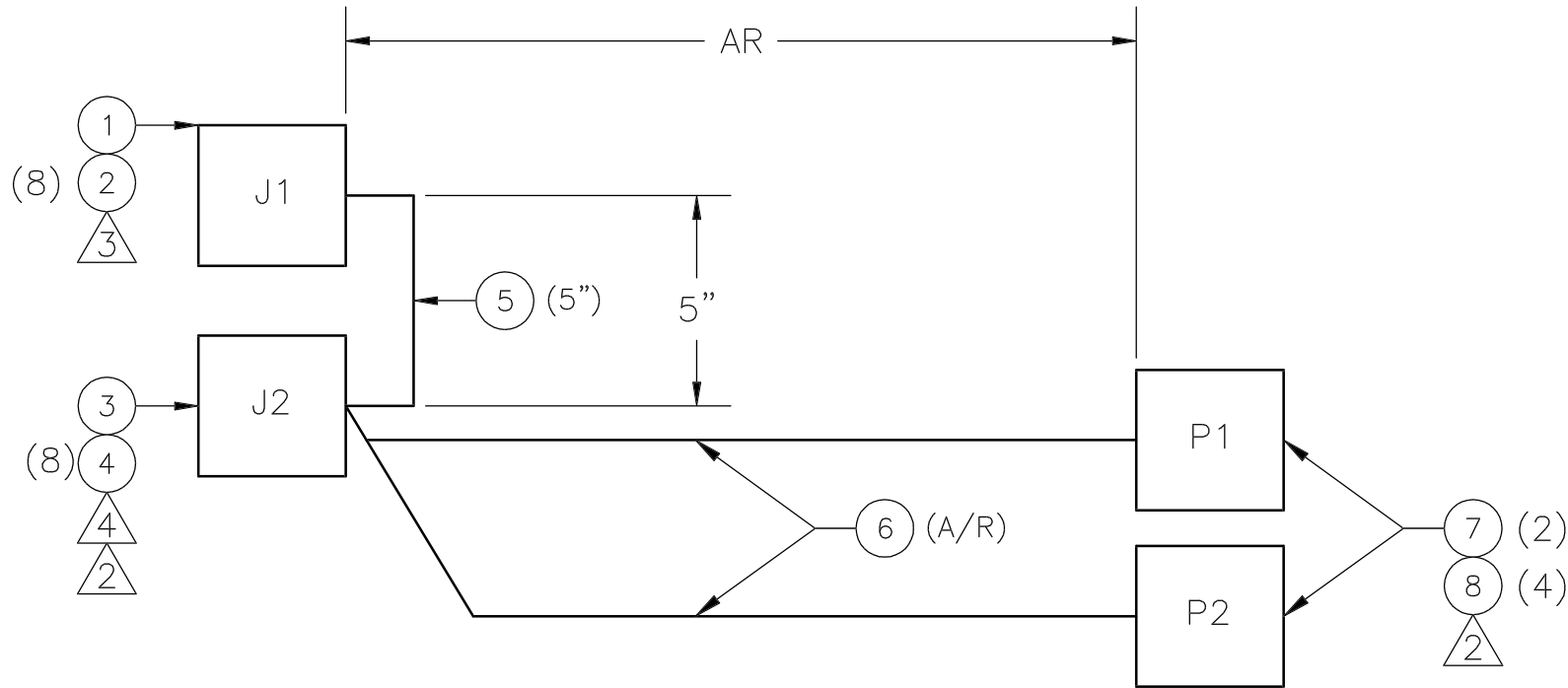
DRAWN
 SJQ
 SHEET
 1 OF 1

DATE
 14AUG97
 APPROVED


DWG. NO.
 71-716

REV.
 C

REV	REVISIONS	DATE	APPROVED
A	RELEASE	11 SEP, 2000	



8	4	15-3	02-06-2103	MOLEX	MALE MOLEX CRIMP PINS
7	2	15-33	03-06-2023	MOLEX	2-PIN MALE MOLEX
6	A/R	19-118	8444	BELDEN	CABLE: 4 COND, 22 AWG, STRANDED
5	5"	19-122	9423	BELDEN	CABLE: 9 COND, 22 AWG, STRANDED
4	8	15-2	02-06-1101	MOLEX	TERMINAL: FEMALE CRIMP PINS
3	1	15-832	03-06-1092	MOLEX	HOUSING: 9-PIN, F, W/O EARS, CONN
2	8	15-938	87809-1	AMP	TERMINAL: FEMALE, 22-26 AWG
1	1	14-486	87922-1	AMP	HOUSING: 8-PIN, MOD IV W/STR RELIEF

ITEM	QTY	PART NO.	MANUFACTURER P/N	MANUFACTURER	DESCRIPTION				
PARTS LIST									
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: <u>RADI</u> <u>DECIMALS</u> <u>ANGLES</u>		THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO HARRIS COPRERATION, BROADCAST DIVISION AND MAY NOT BE COPIED IN WHOLE OR IN PART WITHOUT THE WRITTEN AUTHORIZATION OF HARRIS CORPORATION, BROADCAST DIVISION.		 2070 LAS PALMAS DRIVE CARLSBAD, CALIFORNIA 92009 USA 760.438.3911 FAX 760.438.9277 WWW.BROADCAST.HARRIS.COM					
				MATERIAL:		APPROVALS		DATE	
				FINISH:		DESIGN: J. KLOPFENSTEIN		8 AUG, 2000	
		DRAWN: ROWDY MILLER		12 AUG, 2000					
		LAST REV BY:							
				TITLE CABLE, Y, AIRWAVE & DIGITAL, IMPULSE, MONITOR LOGIC TO WL-2					
				SIZE B	DWG. NO. 71-739				
				REV. A					
				SCALE: NONE					
				SHEET 1 OF 2					

5 CONSOLE LOGIC FUNCTIONS ON MOLEX CONNECTOR HAVE BEEN RE-PINNED TO ALLOW FOR USE OF STANDARD CABLE 99-587-CU TO CONNECT FROM J2 TO CASSETTE SKIM INTERFACE.

4 MAKE ALL DOUBLE CRIMP CONNECTIONS AT J2 (MOLEX CONNECTOR).

3 PR&E ASSEMBLY SPECIFICATION 74-57

2 PR&E ASSEMBLY SPECIFICATION 74-50

1 INDICATES ITEMS LISTED ON THIS PAGE

NOTES: UNLESS OTHERWISE SPECIFIED

CR MONITOR CONSOLE CONNECTION

J1	SIGNAL	PIN
	STUDIO RELAY COM	8
	STUDIO RELAY N/O	7
	+5VDC	6
	GND	5
	C/R RELAY COM	4
	C/R RELAY N/O	3
	+5VDC	2
	GND	1

YEL
ORG
RED
GRN
BRN
BLU
WHT
BLK

CR MONITOR "Y" CONNECTION

J2	SIGNAL	PIN
	GND	1
	+5VDC	2
	C/R RELAY N/O	7
	C/R RELAY COM	8
	GND	5
	+5VDC	6
	STUDIO RELAY N/O	3
	STUDIO RELAY COM	4

BLK
WHT
BLU
BRN
GRN
RED
ORG
YEL

BLK
WHT

BLU
BRN

GRN
RED

ORG
YEL

WL-2 FUNCTION 1

P1	PIN	SIGNAL
	1	COMMON
	2	CR WARN

WL-2 FUNCTION 2

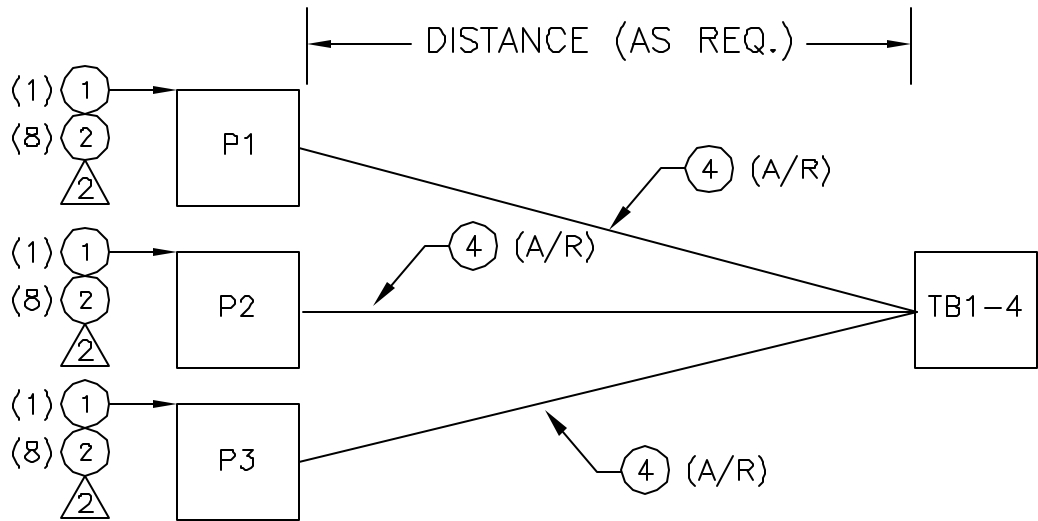
P2	PIN	SIGNAL
	1	COMMON
	2	STUDIO WARN

GRN
RED

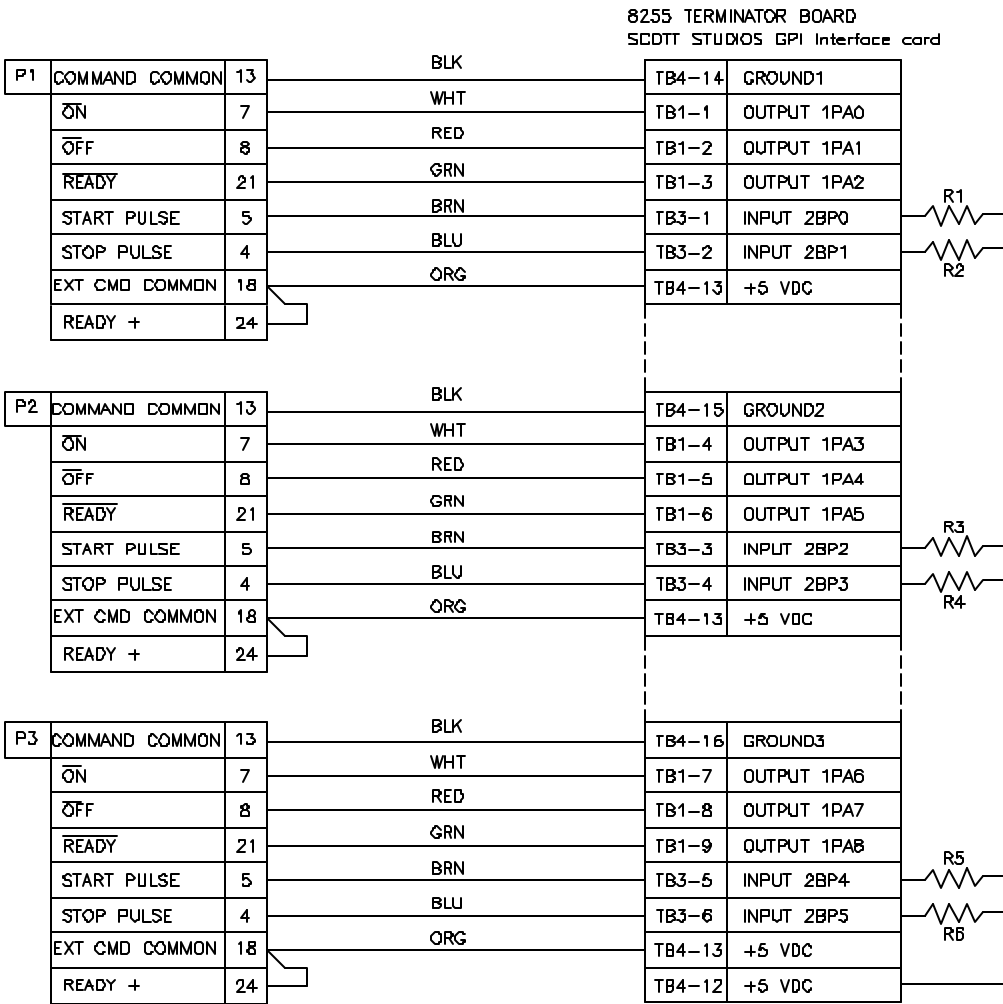
WIRE LIST

FROM	TO	COLOR
J1- 1	J2- 1	BLACK
J2- 1	P1- 1	BLACK
J1- 2	J2- 2	WHITE
J2- 2	J2- 7	WHITE
J2- 7	J1- 3	BLUE
J1- 4	J2- 8	BROWN
J2- 8	P1- 2	WHITE
J1- 5	J2- 5	GREEN
J2- 5	P2- 1	GREEN
J1- 6	J2- 6	RED
J2- 6	J2- 3	RED
J2- 3	J1- 7	ORANGE
J1- 8	J2- 4	YELLOW
J2, 4	P2. 2	RED

REV	REVISIONS	DATE	APPROVED
A	RELEASE	25 JAN, 2000	



WIRE LIST		
FROM	TO	COLOR
P1-13	TB4-14	BLK
P1-7	TB1-1	WHT
P1-8	TB1-2	RED
P1-21	TB1-3	GRN
P1-5	TB3-1	BRN
P1-4	TB3-2	BLU
P1-18	P1-24	JUMPER
P1-18	TB4-13	ORG
P2-13	TB4-15	BLK
P2-7	TB1-4	WHT
P2-8	TB1-5	RED
P2-21	TB1-6	GRN
P2-5	TB3-3	BRN
P2-4	TB3-4	BLU
P2-18	P2-24	JUMPER
P2-18	TB4-13	ORG
P2-13	TB4-16	BLK
P3-7	TB1-7	WHT
P3-8	TB1-8	RED
P3-21	TB1-9	GRN
P3-5	TB3-5	BRN
P3-4	TB3-6	BLU
P3-18	P3-24	JUMPER
P3-18	TB4-13	ORG
TB4-12	TB3-1	RESISTOR R1
TB4-12	TB3-2	RESISTOR R2
TB4-12	TB3-3	RESISTOR R3
TB4-12	TB3-4	RESISTOR R4
TB4-12	TB3-5	RESISTOR R5
TB4-12	TB3-6	RESISTOR R6



4	A/R	19-120	9430	BELDEN	CABLE: 7 COND, 22 AWG, STRANDED
3	6	1-4751			RESISTOR: 4.75K 1/4 WATT
2	24	15-938	87809-1	AMP	TERMINAL: FEMALE, 22-26 AWG, GOLD
1	3	14-513	2-87631-0	AMP	HOUSING: 24-PIN, MOD IV W/STR
ITEM	QTY	PART NO.	MANUFACTURER P/N	MANUFACTURER	DESCRIPTION

PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: RADIUS DECIMALS ANGLES		THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO HARRIS COPPERATION, BROADCAST DIVISION AND MAY NOT BE COPIED IN WHOLE OR IN PART WITHOUT THE WRITTEN AUTHORIZATION OF HARRIS CORPORATION, BROADCAST DIVISION.		HARRIS 2070 LAS PALMAS DRIVE CARLSBAD, CALIFORNIA 92009 USA 760.438.3911 FAX 760.438.9277 WWW.BROADCAST.HARRIS.COM	
MATERIAL:		APPROVALS	DATE	TITLE CABLE, AWD LOGIC, MULTIPLE CHANNEL TO SCOTT STUDIOS 8235 INTERFACE	
FINISH:		DESIGN:		SIZE	DWG. NO.
		DRAWN:		B	FOR NAB
		LAST REV BY: R MADDOX	25 JAN 2001	SCALE: NONE	SHEET 1 OF 1

P1: 24-PIN AMP MOD IV, PR&E # 14-500

AMP MOD IV PINS: PR&E # 15-917-1

P3: 37-POSITION D-SUB, SOCKET TYPE, PR&E # 15-904 (CINCH DC-37S)

HOOD FOR D-SUB: PR&E # 15-885

CABLE: 7-CONDUCTOR BELDEN 9430.

