Film-Tech

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CAPIO CA21 Spare Relays 11-Aug-03

Note that relay 17 can be either set to "normally open" or "normally closed" by jumper "J4 USER RELAY 17" inside the CA21.

Spare Relay 1 (physical relay 17) Connections:

Relay contact	Connector and pin
R17 (normally open/closed contact)	Bevan Board TB5 pin 50
R17 (common)	Bevan Board TB5 pin 49

Spare Relay 2 (physical relay 27) Connections:

Relay contact	Connector and pin
R27 (normally open contact)	CP4 Pin 1 (see diagram below for CP4 location)
R27 (normally closed contact)	CP4 Pin 7
R27 (common)	CP4 Pin 6

Spare Relay 3 (physical relay 39) Connections:

Relay contact	Connector and pin
R39 (normally open contact)	GP4 Pin 14 (see diagram below for GP4 location)
R39 (normally closed contact)	GP4 Pin 2
R39 (common)	GP4 Pin 1

Spare Relay 4 (physical relay 40) Connections:

Relay contact	Connector and pin
R40 (normally open contact)	GP4 Pin 16 (see diagram below for GP4 location)
R40 (normally closed contact)	GP4 Pin 4
R40 (common)	GP4 Pin 3

Note that all relays are rated 1 Amp at 24V

CA21 Back Panel Connectors:

GP4

CP4

Connector	Description
GP4	Spare Relays & Inputs
GP2	Slide & Tape Control OR 2nd Projector Control
J18 RS-485 Bias & TE	Terminate / Bias / Bias (not used)
J7 RS-485	RT- / RT+ / SHIELD
J21: +24V Supply	+24V / 0V
CP3	Serial Port 3 & RS485
CP4	Turret, Focus & Framing
CP1	Projector & Misc.
CP2	Lights, Stage etc.
SP5	Software Load Port
SP6	Spare Serial Port
SP3: RP4	Serial Port
SP4	Minidisk Player
SP1: Serial	Sound Processor
SP2: Serial	Slide Projector