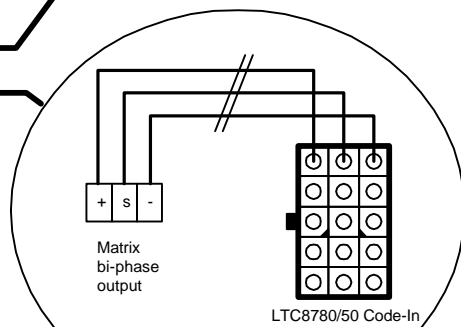
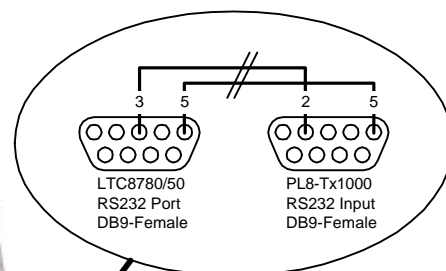


BBV PL8-TX1000 (SW PL8_T1V1) PHILIPS-TX1000 CONVERTER PRELIMINARY INSTALL SHEET



Philips LTC8780/50
'code converter'

PL8 Camera Address setting using Internal links

A link is made between each A pin of J3 and ground to set the camera address range for the PL8.
OPEN = link not fitted, CLOSE = link to GND fitted.

Camera Address	A4	A3	A2	A1
1-16 (DEFAULT)	OPEN	OPEN	OPEN	OPEN
17-32	OPEN	OPEN	OPEN	CLOSE
33-48	OPEN	OPEN	CLOSE	OPEN
49-64	OPEN	OPEN	CLOSE	CLOSE
65-80	OPEN	CLOSE	OPEN	OPEN
81-96	OPEN	CLOSE	OPEN	CLOSE
97-112	OPEN	CLOSE	CLOSE	OPEN
113-128	OPEN	CLOSE	CLOSE	CLOSE
129-144	CLOSE	OPEN	OPEN	OPEN
145-160	CLOSE	OPEN	OPEN	CLOSE
161-176	CLOSE	OPEN	CLOSE	OPEN
177-192	CLOSE	OPEN	CLOSE	CLOSE
193-208	CLOSE	CLOSE	OPEN	OPEN
209-224	CLOSE	CLOSE	OPEN	CLOSE
225-240	CLOSE	CLOSE	OPEN	OPEN
241-256	CLOSE	CLOSE	OPEN	CLOSE

The PL8 will only respond to bi-phase telemetry if the camera number is in the range set with the links A1-A4.

If the address falls outside this range then the PL8 will ignore the command and flash the internal ERROR diagnostic led.

Camera input 1 of the Tx1000 maps to the first camera number set using A1-A4. EG if the address has been set to 17-32 then camera input 1 of the Tx1000 must connect to camera input 17 of the matrix.

LTC8780/50 Internal switch settings

S101 - 1 OFF, 2 ON, 3 OFF, 4 OFF
S102 - 1 ON, 2 ON, 3 ON, 4 OFF
S103 - 1 OFF, 2 OFF, 3 OFF, 4 OFF
S104 - 1 OFF, 2 OFF, 3 OFF, 4 OFF
S105 - 1 OFF, 2 OFF, 3 OFF, 4 OFF

Remove mains power from the unit before opening with a T 15X40 torx driver.

PL8 Diagnostic LED functions

Front panel RED

A short 'heart beat' flash every second indicating the unit is powered and running.
Longer duration flash when RS232 data received from the LTC8780/50 with the correct camera address range.

Front panel GREEN

Flash when RS232 control data sent to the Tx1000.

Internal CABLE led

On when Tx1000 is controlling a camera and other cameras are 'locked out' whilst first camera moving and for 2 seconds after control stops.

Internal ERROR led

Flash when RS232 received from the LTC8780/50 with a camera not in the range of the PL8.

PL8 Functions-Up the coax telemetry control of individual camera with Philips bi-phase telemetry.

Manual zoom, focus, iris and variable pan/tilt control. Set/recall 16 preset positions. BBV Preset patrol using AUX 8 ON. Philips dome autoplay learn using AUX 100 ON/OFF and Autoplay replay using AUX 50 or 51 or 52 ON.

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