

VIDEO LAUNCH AMPLIFIER

TYPE BH92

DATA SHEET

- **Coaxial input / Twisted pair output**
- **Overall gain control**
- **Adjustable HF lift at 5MHz to +6dB**
- **12V dc 18mA fully loaded**
- **Suitable for colour or monochrome video signals**



APPLICATION

This Video Launch Amplifier provides an interface between the camera and a twisted pair video cable. Used in conjunction with a Video Line Corrector the BH92 will help the installer to obtain a good quality picture.

Overall signal amplitude, high frequency lift and the balance of the output are all independently adjustable for precise control.

Power consumption fully loaded is only 18mA and the unit can be powered from the camera power supply.

Addlestone Electronics Ltd.
DESIGNED AND MANUFACTURED IN UK

TECHNICAL DATA

BH92

INPUT IMPEDANCE	Internally terminated in 75 ohms (Unbalanced).
SIGNAL TYPE	The unit is designed for colour or monochrome signals
INPUT SIGNAL AMPLITUDE	Nominal 1 volt peak to peak.
OUTPUT SIGNAL AMPLITUDE	Nominal 2 volts peak to peak terminated in 150 ohms.
AT UNITY GAIN	Differential Phase < 3 degrees / Differential Gain < 3%.
INTERNAL GAIN CONTROL	Variable from -3dB to +6dB.
INTERNAL HF LIFT CONTROL	Variable from -3dB to +6dB.
INTERNAL BALANCE CONTROL	Factory set - ensures that the positive and negative video outputs are balanced in amplitude.
OUTPUT PROTECTION	The output is protected against short or open circuits.
INPUT-OUTPUT CONNECTIONS	Input connector is a 75 ohm BNC type socket. The balanced output is via a miniature PCB socket.
POWER REQUIREMENTS	+12V dc supply. The unit is protected against a reversed supply.
POWER CONSUMPTION	Approximately 0.22 watts.
PERMISSIBLE AMBIENT OPERATING TEMPERATURE	-10°C to +40°C.
EQUIPMENT CASE DETAILS	Housed a grey polystyrene case, designed for free standing use.
WEIGHT OF EQUIPMENT	100 grammes.
DIMENSIONS OF EQUIPMENT	Height 32mm Depth 88mm excluding connectors Width 51mm



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