

VIDEO LAUNCH AMPLIFIER

TYPE BH72

DATA SHEET

- **Coaxial input / Coaxial output**
- **Suitable for colour or monochrome signals**
- **Adjustable for overall gain and high frequency lift**
- **12V dc 15mA fully loaded**



APPLICATION

Using a Video Launch Amplifier at the camera end of the cable run will improve the quality of the video signal received at the monitor or other receiving equipment. This unit is designed to operate on its own for short cable runs or in conjunction with a Video Line Corrector for medium/long cable runs.

The unit has internal controls for overall signal amplitude and high frequency lift to give the installer precise control.

Power consumption fully loaded is only 15mA and the unit can be powered from the camera power supply.

Addlestone Electronics Ltd.
DESIGNED AND MANUFACTURED IN UK

TECHNICAL DATA

BH72

INPUT IMPEDANCE	Internally terminated in 75 ohms (unbalanced).
SIGNAL TYPE	Unit suitable for colour or monochrome signals
INPUT SIGNAL AMPLITUDE	Nominal 1 volt peak to peak.
OUTPUT SIGNAL AMPLITUDE	Nominal 1 volt peak to peak terminated in 75 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.
OUTPUT PROTECTION	Output is protected against shorted or open circuit line.
INPUT-OUTPUT CONNECTIONS	Input and output connectors are 75 ohm BNC type.
POWER REQUIREMENTS	+12V dc supply. The unit is protected against a reversed supply input.
POWER CONSUMPTION	Approximately 0.2 watts.
PERMISSIBLE AMBIENT OPERATING TEMPERATURE	-10°C to +40°C.
EQUIPMENT CASE DETAILS	Housed in a grey polystyrene case, designed for free standing use.
WEIGHT OF EQUIPMENT	85 grammes.
DIMENSIONS OF EQUIPMENT	Height 32mm Depth 88mm excluding connectors Width 51mm



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