

**CCTV Equipment****VIDEO LAUNCH AMPLIFIER / CAMERA POWER SUPPLY**

TYPE BH69/DC/B

DATA SHEET

- *Coaxial input / Twisted pair output*
- *Adjustable Gain*
- *Adjustable HF Lift at 5MHz to +6dB*
- *Camera power supply: 12V DC @ 250 mA*

**APPLICATION**

*This unit has been designed to provide an interface between the camera and a twisted pair cable. The unit also incorporates a camera power supply.*

*Used in conjunction with a Video Line Corrector the BH69/DC/B will help the installer to obtain a good quality picture.*

*The unit has internal controls for Overall Signal Amplitude and High Frequency Lift, which can be adjusted to obtain the correct signal levels.*

*A 12V DC power supply is included with the unit.*

***Addlestone Electronics Ltd***

DESIGNED AND MANUFACTURED IN UK

<b>INPUT SIGNAL REQUIREMENT</b>	Composite video in colour or monochrome or other wide band signals within a frequency bandwidth of between 30Hz to 5MHz.
<b>INPUT IMPEDANCE</b>	<i>Internally terminated in 75 ohms (unbalanced).</i>
<b>INPUT SIGNAL AMPLITUDE</b>	<i>Nominal 1 volt peak to peak.</i>
<b>OUTPUT SIGNAL AMPLITUDE</b>	<i>Nominal 2 volts peak to peak @ 150 ohms.</i>
<b>AT UNITY GAIN</b>	<i>Differential Phase &lt; 3 degrees / Differential Gain &lt; 3%.</i>
<b>INTERNAL GAIN CONTROL</b>	<i>Variable from -3dB to +6dB.</i>
<b>INTERNAL HF LIFT CONTROL</b>	<i>Variable from -3dB to +6dB.</i>
<b>OUTPUT PROTECTION</b>	<i>The output is protected against shorted or open circuit lines.</i>
<b>INPUT CONNECTOR</b>	<i>BNC socket.</i>
<b>OUTPUT CONNECTOR</b>	<i>Binding posts</i>
<b>CAMERA POWER SUPPLY</b>	<i>Maximum of 250mA at 12V DC ( using AC-DC adapter supplied with unit).</i>
<b>NOTE: AC-DC adapters with higher current ratings can be specified.</b>	
<b>POWER REQUIREMENTS</b>	<i>+12V DC for BH69/DC/B unit. 230V AC @ 50Hz for AC - DC adapter.</i>
<b>POWER CONSUMPTION</b>	<i>Approx. 360 mW for BH69/DC/B unit only.  Approx. 6.0 Watts for BH69 unit and AC-DC adapter powering a 250mA rated camera.</i>
<b>WEIGHT OF EQUIPMENT</b>	<i>90 grams. (Excluding AC-DC adapter)</i>
<b>DIMENSIONS OF EQUIPMENT</b>	<i>Height 62mm Depth 110mm</i>

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