

## CCTV Equipment

# VIDEO DISTRIBUTION AMPLIFIER (2 in 26 out)

TYPE BH102

DATA SHEET

- 2 channels
- 13 outputs per channel
- 12V DC operation
- Adjustable for overall Gain and High Frequency Lift



### **APPLICATION**

*When installing CCTV equipment it is sometimes required to send the video signal from a camera to more than one monitor or other items of receiving equipment at the same time. This can be achieved using a Distribution Amplifier.*

*The BH102 is a free standing Distribution Amplifier with two video channels and thirteen outputs per channel.*

*Each channel has external controls for overall Gain and High Frequency Lift to enable the installer to obtain the correct signal levels. A 12V DC regulated power supply is included with the unit.*

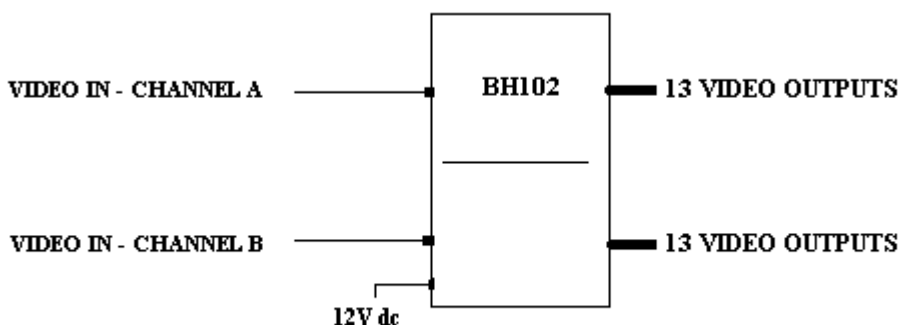
***Addlestone Electronics Ltd***

DESIGNED AND MANUFACTURED IN UK

# TECHNICAL DATA

## BH102

<b>INPUT SIGNAL REQUIREMENTS</b>	<i>Composite video in colour / monochrome or other wide band signals within a frequency bandwidth of 30Hz to 5MHz.</i>
<b>NOMINAL INPUT SIGNAL</b>	<i>1 volt peak to peak, terminated in 75 ohms.</i>
<b>NOMINAL OUTPUT SIGNAL</b>	<i>1 volt peak to peak, terminated in 75 ohms.</i>
<b>INPUT IMPEDANCE</b>	<i>The inputs are terminated internally in 75 ohms.</i>
<b>NUMBER OF INPUTS</b>	<i>2 inputs ( channel A and Channel B ).</i>
<b>NUMBER OF OUTPUTS</b>	<i>26 outputs (13 per channel).</i>
<b>INPUT-OUTPUT CONNECTORS</b>	<i>The inputs and outputs are all 75 ohm BNC type connectors.</i>
<b>OUTPUT SIGNAL PROTECTION</b>	<i>The outputs are protected against shorts or open circuits.</i>
<b>OVERALL SIGNAL LINEARITY</b>	<i>Better than 0.25% (unity gain).</i>
<b>FREQUENCY RESPONSE</b>	<i>30Hz to 8MHz flat to within <math>\pm 1</math> dB at unity gain.</i>
<b>AT UNITY GAIN</b>	<i>Differential Phase &lt; 3 degrees/Differential Gain &lt; 3%.</i>
<b>GAIN CONTROL</b>	<i>Variable from -2dB to +6dB.</i>
<b>HF LIFT CONTROL</b>	<i>Variable from -3dB to +3dB at 5MHz.</i>
<b>POWER REQUIREMENTS</b>	<i>12V DC regulated supply ( supplied with unit ).</i>
<b>POWER CONSUMPTION</b>	<i>Approximately 1.2 Watts.</i>
<b>POWER ON/OFF INDICATOR</b>	<i>Green LED in front panel.</i>
<b>PERMISSIBLE AMBIENT OPERATING TEMPERATURE</b>	<i>-10°C to +40°C.</i>
<b>WEIGHT OF EQUIPMENT</b>	<i>565 grams.</i>
<b>DIMENSIONS OF EQUIPMENT</b>	<i>Height 85mm Depth 85mm (excluding connectors ) Width 154mm</i>



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