

CCTV Equipment

VIDEO DISTRIBUTION AMPLIFIER (1 in 5 out)

TYPE BH89

DATA SHEET

- *5 video outputs*
- *For use with coaxial cables*
- *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.

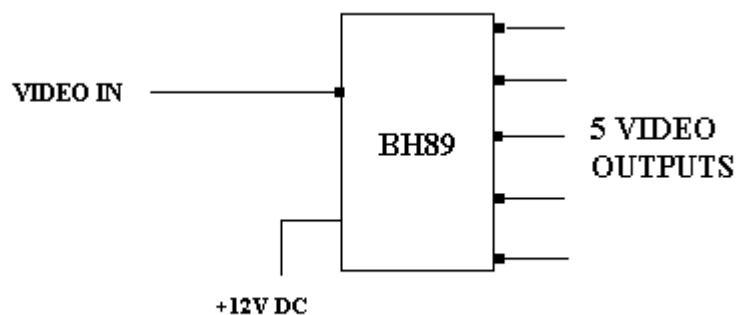
The BH89 is a free standing Distribution Amplifier with one signal input and five signal outputs.

External controls for overall Gain and High Frequency Lift 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

INPUT SIGNAL REQUIREMENTS	<i>Composite video in colour / monochrome or other wide band signals within a frequency bandwidth of 30Hz to 5MHz.</i>						
NOMINAL INPUT SIGNAL	<i>1 volt peak to peak.</i>						
NOMINAL OUTPUT SIGNAL	<i>1 volt peak to peak, terminated in 75 ohms.</i>						
INPUT IMPEDANCE	<i>The input is terminated internally in 75 ohms.</i>						
NUMBER OF INPUTS	<i>1 input.</i>						
NUMBER OF OUTPUTS	<i>5 outputs.</i>						
INPUT-OUTPUT CONNECTIONS	<i>The input and outputs are all 75 ohm BNC type connectors.</i>						
OUTPUT SIGNAL PROTECTION	<i>No damage will result should all 5 outputs be shorted. A shorted output line will not effect the operation of the other outputs.</i>						
OVERALL SIGNAL LINEARITY	<i>Better than 0.25% (unity gain).</i>						
FREQUENCY RESPONSE	<i>30Hz to 8MHz flat to within ± 1 dB at unity gain.</i>						
AT UNITY GAIN	<i>Differential Phase < 3 degrees / Differential Gain < 3%.</i>						
GAIN CONTROL	<i>Variable from -2dB to +6dB.</i>						
HF LIFT CONTROL	<i>Variable from -3dB to +3dB at 5MHz.</i>						
POWER REQUIREMENTS	<i>+12V dc regulated supply.</i>						
POWER CONSUMPTION	<i>Approximately 0.7 Watts.</i>						
OPERATING TEMPERATURE RANGE	<i>-10°C to +40°C.</i>						
WEIGHT OF EQUIPMENT	<i>285 grams.</i>						
DIMENSIONS OF EQUIPMENT	<table> <tr> <td>Height</td> <td>44mm</td> </tr> <tr> <td>Depth</td> <td>85mm (excluding connectors)</td> </tr> <tr> <td>Width</td> <td>154mm</td> </tr> </table>	Height	44mm	Depth	85mm (excluding connectors)	Width	154mm
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