

CCTV Equipment

VIDEO DISTRIBUTION AMPLIFIER (2 in 14 out)

TYPE BH100

DATA SHEET

- *2 channels*
- *7 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 BH100 is a free standing Distribution Amplifier with two video channels and seven 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.

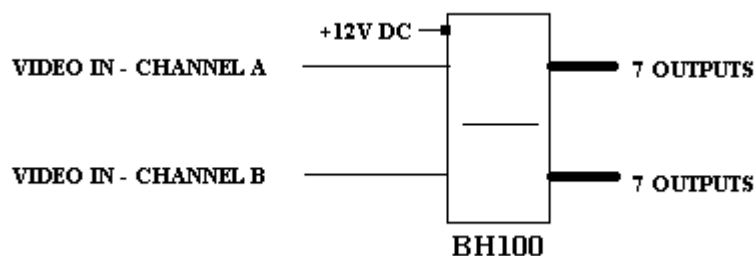
Addlestone Electronics Ltd.

DESIGNED AND MANUFACTURED IN UK

TECHNICAL DATA

BH100

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 inputs are terminated internally in 75 ohms.</i>
NUMBER OF INPUTS	<i>2 inputs (channel A and channel B).</i>
NUMBER OF OUTPUTS	<i>14 outputs (7 per channel).</i>
INPUT-OUTPUT CONNECTIONS	<i>The inputs and outputs are all 75 ohm BNC type connectors.</i>
OUTPUT SIGNAL PROTECTION	<i>No damage will result should all 14 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 (supplied with unit).</i>
POWER ON/OFF INDICATOR	<i>Green lamp on front panel.</i>
POWER CONSUMPTION	<i>Approximately 1.4 Watts.</i>
OPERATING TEMPERATURE RANGE	<i>-10°C to +40°C.</i>
WEIGHT OF EQUIPMENT	<i>445 grams.</i>
DIMENSIONS OF EQUIPMENT	<i>Height 65mm Depth 85mm (excluding connectors) Width 154mm</i>



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