

VIDEO DISTRIBUTION AMPLIFIER (1 in 14 out)

TYPE BH101 DATA SHEET

- 14 video outputs
- For use with coaxial cables
- 12 V dc operation
- Adjustable for overall Gain and High Frequency Lift



APPLICATION

When installing CCTV equipment it is sometimes necessary 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 BH101 is a free standing Distribution Amplifier with one signal input and fourteen signal outputs.

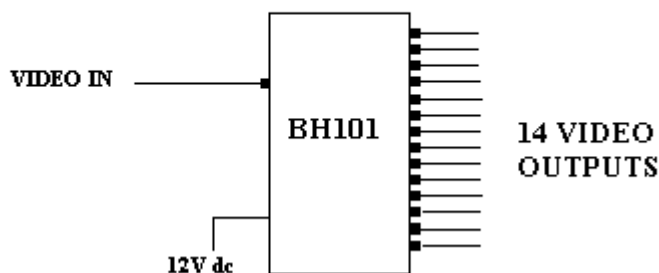
External controls for overall Gain and High Frequency Lift enable the installer to obtain the correct signal levels. A 12V dc regulated power supply is included with the unit.

Addlestone Electronics Ltd.
DESIGNED AND MANUFACTURED IN UK

TECHNICAL DATA

BH101

INPUT SIGNAL REQUIREMENTS	Composite video in colour / monochrome or other wide band signals within a frequency bandwidth of 30Hz to 5MHz.
NOMINAL INPUT SIGNAL	1 volt peak to peak, terminated in 75 ohms.
NOMINAL OUTPUT SIGNAL	1 volt peak to peak, terminated in 75 ohms.
INPUT IMPEDANCE	The input is terminated internally in 75 ohms.
NUMBER OF INPUTS	1 input.
NUMBER OF OUTPUTS	14 outputs.
INPUT-OUTPUT CONNECTIONS	The input and outputs are all 75 ohm BNC type connectors.
OUTPUT SIGNAL PROTECTION	No damage will result should all 14 outputs be shorted. A shorted output line will not effect the operation of any other output.
OVERALL SIGNAL LINEARITY	Better than 0.25% (unity gain).
FREQUENCY RESPONSE	30Hz to 8MHz flat to within ± 1 dB at unity gain.
AT UNITY GAIN	Differential Phase < 3 degrees / Differential Gain < 3%.
GAIN CONTROL	Variable from -2dB to +6dB.
HF LIFT CONTROL	Variable from -3dB to +3dB at 5MHz.
POWER REQUIREMENTS	12V dc regulated supply (supplied with unit).
POWER CONSUMPTION	Approximately 0.9 Watts.
POWER ON/OFF INDICATOR	Green LED in front panel
PERMISSIBLE AMBIENT OPERATING TEMPERATURE	-10°C to +40°C.
EQUIPMENT CASE DETAILS	Housed in light grey polystyrene case, designed for free standing use.
WEIGHT OF EQUIPMENT	385 grammes.
DIMENSIONS OF EQUIPMENT	Height 65mm Depth 85mm (excluding connectors) Width 154mm



ADDLESTONE ELECTRONICS LTD.

Springfields, Church Lane,
Bisley, Woking, Surrey. GU24 9EA
Telephone: (01483) 480969 Fax: (01483) 797268
E-mail: sales@addlestone-electronics.co.uk
Web Site: www.addlestone-electronics.co.uk