

CCTV Equipment

VIDEO DISTRIBUTION AMPLIFIER (1 in 5 out)

TYPE BH89 **DATA SHEET**

- 12V dc operation
- 5 video outputs
- For use with coaxial cables
- 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.

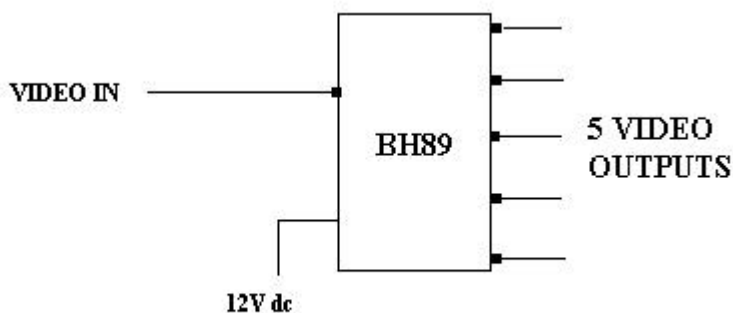
The BH89 is a free standing Distribution Amplifier with one signal input and five signal outputs.

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.

TECHNICAL DATA

BH89

INPUT SIGNAL REQUIREMENTS	Composite video using colour / monochrome video signals or other wide band signals within a frequency bandwidth of 30Hz to 5MHz.
NOMINAL INPUT SIGNAL	1-volt peak to peak (internally terminated in 75 ohms).
NOMINAL OUTPUT SIGNAL	1 volt peak to peak (when terminated in 75 ohms).
INPUT IMPEDANCE	The inputs are terminated internally in 75 ohms.
NUMBER OF INPUTS	1.
NUMBER OF OUTPUTS	5.
INPUT/OUTPUT CONNECTIONS	All connectors are 75-ohm BNC type connectors.
OUTPUT SIGNAL PROTECTION	No damage will result should all 5 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 within ± 1 dB at unity gain.
AT UNITY GAIN	Differential Phase < 3 degrees / Differential Gain < 3%.
INTERNAL GAIN CONTROL	Variable from -2dB to +6dB.
INTERNAL HF LIFT CONTROL	Variable from -3dB to +3dB at 5MHz.
POWER REQUIREMENTS	12V dc regulated supply (supplied with unit).
POWER CONSUMPTION	Approximately 0.7 watts.
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	285 grammes
DIMENSIONS OF EQUIPMENT	Height: 44mm Length: 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