



# BH132

## Hum Rejection Unit with Equalisation (opto-coupled)

### Overview

With the BH132 inserted into the cable run the incoming coaxial cable is isolated from the outgoing coaxial cable. This is achieved using an opto-coupler in the circuitry.

The isolation this provides enables the total rejection of any longitudinal hum caused by circulating earth currents in the cable up to a maximum of 90 volts. This prevents the The unit has three lift controls: Gain, High Frequency Lift and Medium Frequency Lift. Adjusting these controls enables the unit to act as a basic line corrector for use over short to medium cable runs when used in conjunction with a BH184 Launch Amplifier.



Two 12V DC regulated power supplies are included with the unit.

### Technical Information

<b>INPUT SIGNAL</b>	Nominal 1.0V Pk-Pk @ 75Ω composite video signal. Suitable for either colour or monochrome video
<b>OUTPUT SIGNAL</b>	Nominal 1.0V Pk-Pk @ 75Ω (unit set to Unity Gain)
<b>AT UNITY GAIN</b>	Differential Phase <3°. Differential Gain <3%
<b>ELIMINATION OF LONGITUDINAL HUN</b>	Automatic rejection to a maximum of 90 volts
<b>GAIN CONTROL</b>	Variable from -3.0dB to +6.0dB
<b>HF LIFT CONTROL</b>	Variable from -3.0dB to +6.0dB
<b>MF LIFT CONTROL</b>	Variable from -1.0dB to +6.0dB
<b>INPUT CONNECTOR</b>	BNC type coax connector
<b>OUTPUT CONNECTORS</b>	BNC type coax connectors
<b>POWER</b>	12V DC 800 mW power consumption
<b>OPERATING TEMP</b>	-10°C to +40°C
<b>DIMENSIONS</b>	155mm L x 44mm H x 85mm W (excluding BNC connectors)

### Ordering Information

For a quotation, further details or technical support and advice, contact us by phone, fax or email, quoting part number BH132. Contact details are below.

#### Products available for use with BH132:

Part Number	Description
BH184	Video Launch Amplifier and Video Distribution Amplifier , 1in 2out

### About Addlestone Electronics

The team at Addlestone Electronics have been designing and manufacturing specialist products for the CCTV industry for over 40 years. Our tradition of high quality and innovation has earned us an enviable reputation in the industry. We continue to lead the way with excellence in our field, offering first class support for users, distributors and installers and testing 100% of all products before dispatch from the factory.

Addlestone Electronics Ltd, Church Lane, Bisley, Surrey. GU24 9EA

Tel: +44 (0)1483 480969 Fax: +44 (0)1483 797268

Email: [Support@Addlestone-Electronics.co.uk](mailto:Support@Addlestone-Electronics.co.uk) Website: [www.Addlestone-Electronics.co.uk](http://www.Addlestone-Electronics.co.uk)