



## BH231/196

### Video Line Corrector / VDA module for coax video cables with 4 outputs per channel

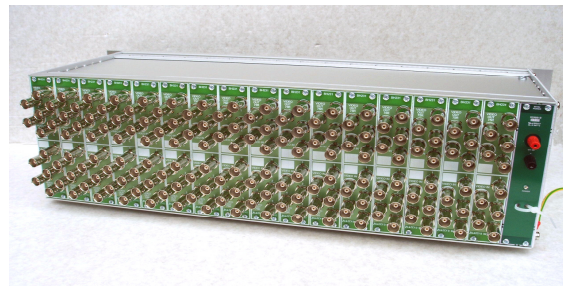
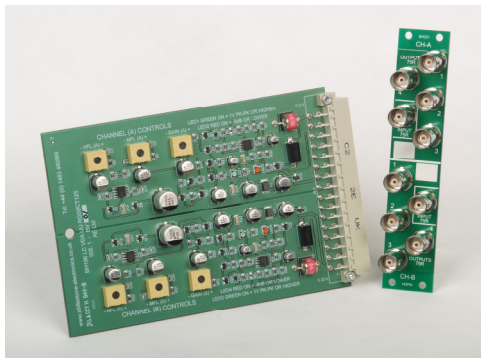
#### Overview

High density combined Video Distribution Amplifier and Video Line Corrector module. Comes factory installed when ordered with a BH220 universal rack or available to buy separately when making additions to an existing rack.

Each module has two independent video channels with four outputs per channel and takes up one slot in a BH220 rack unit. Up to 16 BH231/196 modules may be fitted into a BH220 unit giving a maximum of 32 active channels.

Its installer friendly design has adjustable gain, mid frequency and high frequency lift controls that guarantee a high quality picture over 1Km of RG59 coax. To assist during setup each channel has LED indicators to advise when the correct signal amplitude of 1.0V peak to peak has been achieved and when the video signal falls below -0.5dB.

Fully RoHS compliant.



BH231/196 (left) and integrated in a BH220 (above)

#### Ordering Information

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

Part Number	Description
BH231/196	Video line corrector / VDA module with two channels / 4 outputs per channel.

#### Products to be used in conjunction with BH231/196:

Part Number	Description
BH220	19" Modular Rack (unpopulated), with in line power supply and extender card
BH192/196	Video line corrector / VDA module with two channels / 2 outputs per channel (max 16 per BH220 unit)
BH193/196	Video line corrector / VDA module with two channels / 5 outputs per channel (max 8 per BH220 unit)
BH184	Video Launch Amplifier

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## 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 factory set to Unity Gain)
<b>NUMBER OF CHANNELS</b>	2
<b>INPUT CONNECTORS</b>	2 BNC type female coax connectors per module
<b>NUMBER OF OUTPUTS PER CHANNEL</b>	4
<b>OUTPUT CONNECTORS</b>	8 BNC type female connectors per module (4 per channel)
<b>AT UNITY GAIN</b>	Differential Phase <2°. Differential Gain <2%
<b>AT 1000M</b>	Differential Phase <3°. Differential Gain <3%
<b>GAIN CONTROL</b>	Variable from -4.0dB to +6.0dB
<b>MF LIFT CONTROL</b>	Variable from 0.0dB to +12dB @3MHz
<b>HF LIFT CONTROL</b>	Variable from -0.5dB to +22.0dB @ 4.4MHz
<b>LOW SIGNAL INDICATOR</b>	Both channels fitted with red LED's that light when video signal is -6.0dB (0.5V Pk-Pk) or greater
<b>1.0V VIDEO INDICATOR</b>	Both channels fitted with Green LED's that light when video signal reaches 1.0V peak-peak or greater
<b>SURGE PROTECTION</b>	Transorbs fitted as standard (gas tubes optional for additional protection in harsh environments)
<b>POWER</b>	12V DC, 680mW per module supplied by the BH220 rack. Mains Power @ 240V Fully Loaded with 32 Channels approximately 24VA
<b>OPERATING TEMP</b>	-30°C to +45°C

## 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.

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