





## BM-A2-16SHD Specifications

<b>Audio Inputs</b>	
Digital AES3-id	8 x 75 Ohm (BNC connector)
Sample Rate	48 kHz
Analogue	8 x differential impedance 25k ohm. 25 way 'D' type connector; 2 x XLR3F
<b>Video</b>	
Input	2 x 3G/HD/SD SMPTE 424M, 259M, 296M, 274M, 292M
Output	1 x SDI loophthrough
<b>Meters</b>	
Bar Graphs	16 x 53 element tricolour with adjustable colour break points
<b>Analogue Monitor Outputs</b>	2 x XLR3M
Max output level	+15dB
Noise + THD	-98dB
<b>Analogue Channel Outputs x 8</b>	1 x 25 way 'D' type connector
Max output level	+10dB
Noise + THD	-108dB w.r.t. clipping
<b>Digital Channel Outputs x 16</b>	8 x 75 Ohm BNC
Digital AES-3id	
<b>Frequency response</b>	
All analogue outputs	20Hz to 20kHz $\pm$ 1dB
<b>Main drive amp</b>	
Noise + THD	-80dB w.r.t. maximum output
<b>Speaker driver units</b>	
Peak acoustic level (@2ft)	100dB SPL
Shielding	Magnetic
<b>Scales and Ballistics</b>	
DIN PPM	Overall dynamic range: 55dB (+5 to -50dB) Attack time: 10mSec    Fallback: 1.5Sec per 20dB decay
BBC PPM	Overall dynamic range: (+12 to -12dB from mark 7 to mark 1) Attack time: 10mSec    Fallback: 2.85Sec (from mark 7 to mark 1)
VU	Overall dynamic range 23dB (+3dB to -20dB) Attack time: 300mSec    Fallback: 300mSec
AES/EBU	Overall dynamic range 60dB (0 to -60dB) Attack time: 1mSec    Fallback: 1.5Sec per 20dB decay
<b>Housing</b>	19" Rack Mount: 2U high. Outline Dimensions: 483 mm(W) x 256 mm(D) x 89 mm(H) Outline Dimensions: 19 inch(W) x 10 inch(D) x 3.5 inch(H)
<b>Power</b>	90 - 264 VAC 50/60Hz Autoselect, Fuse 4A HAC
<b>Environment</b>	Temperature 0 °C to 30 °C. Humidity 70% max (non-condensing)
<b>Weight</b>	6 kg (14lbs)

Product specifications subject to change without prior notice. See website for warranty details.