

Specifications — BBG 6 A

Blackburst output

Number/signal type.....	6 blackburst (two can be switched to color bars)
Connectors	6 female BNC
Standards.....	RS-170A standard for NTSC 3.58, CCIR 624-4 standard for PAL
Impedance.....	75 ohms
Sync level.....	40 IRE for NTSC, 43 IRE for PAL
Color burst level.....	40 IRE for NTSC, 43 IRE for PAL
Setup level.....	7.5 IRE (NTSC) or 0 IRE (PAL)
Tolerance for all levels.....	±3%
Subcarrier levels.....	NTSC 3.579545 MHz ±3 Hz PAL 4.433618 MHz ±3 Hz

Color Bars output

Number/signal type.....	2 color bars, switchable, standard SMPTE bars for NTSC, full field 8-bar for PAL
Connectors	2 female BNC
Standards.....	NTSC 3.58, PAL
Impedance.....	75 ohms
Sync level.....	40 IRE for NTSC, 43 IRE for PAL
Color burst level.....	40 IRE for NTSC, 43 IRE for PAL
Setup level.....	NTSC, 7.5 IRE; PAL, 0 IRE
White level	100 IRE
Tolerance for all levels.....	±3%
Subcarrier levels.....	NTSC 3.579545 MHz ±3 Hz, PAL 4.433618 MHz ±3 Hz

Audio output

Number/signal type.....	1 set (L and R) of stereo sine waves, balanced or unbalanced
Connector	(1) 3.5 mm captive screw connector, 5 pole
Impedance.....	50 ohms unbalanced, 100 ohms balanced
Signal level.....	Selectable: professional level, +4 dBu (1.23 V) balanced; or consumer level, -10 dBV (316 mV) unbalanced
THD.....	0.1%
Tolerance for all levels.....	±3%
Signal frequency.....	1 kHz

NOTE 0 dBu = 0.775 V, 0 dBV = 1 V, 0 dBV ≈ 2 dBu.

General

External power supply	100 VAC to 240 VAC, 50-60 Hz, 2.5 watts, external; to 12 VDC, 1A, regulated power supply
Power input requirements.....	12 VDC, 0.2 A (max.)
Temperature/humidity.....	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0° to +50 °C) / 10% to 90%, noncondensing
Mounting	
Rack mount.....	Yes, with optional 1U rack shelf
Furniture mount.....	Yes, with optional under-desk mounting kit
Enclosure type	Metal
Enclosure dimensions.....	1.7" H x 4.3" W x 3.0" D (1U high, quarter rack wide) (4.3 cm H x 10.9 cm W x 7.6 cm D) (Depth excludes connectors.)
Product weight	0.4 lb (0.2 kg)
Shipping weight.....	3 lbs (2 kg)

Specifications — BBG 6 A, cont'd

Vibration.....	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety.....	CE, c-UL, UL
EMI/EMC	CE, C-tick, FCC Class A, ICES, VCCI
Warranty	3 years parts and labor

NOTE *All nominal levels are at ±10%.*

NOTE *Specifications are subject to change without notice.*

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