

Specifications — BBG 6 A Black Burst Generator

Blackburst output

Number/signal type	6 blackburst (two can be switched to color bars)
Connectors	6 BNC female
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 or 0 IRE, selectable
Tolerance for all levels	±3%
Sub carrier level	NTSC 3,579,545 ±3 Hz PAL 4,433,618 ±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 BNC female
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 ±3Hz, PAL 4.433618 ±3 Hz

Audio output

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

NOTE $0dBu = 0.775V$, $0dBV = 1V$.

General

Power	100VAC to 240VAC, 50/60 Hz, 2.5 watts, external, autoswitchable; to 12VDC, 1 A power supply. Product requires 0.2 A, max.
Temperature/humidity	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing
Rack mount	Yes, with optional 1U VersaTools rack shelf, part #60-190-20; or Universal rack shelf, part #60-190-01. Also under-desk mountable with optional kit #70-212-01.
Enclosure type	Metal
Enclosure dimensions	1.7" H x 4.3" W x 3.0" D (1U high, quarter rack width) 4.3 cm H x 10.9 cm W x 7.6 cm D (Depth excludes connectors.)
Product weight	0.4 lbs (0.2 kg)
Shipping weight	3 lbs (2 kg)
Vibration	ISTA/NSTA 1A in carton (International Safe Transit Association)
Listings	UL, CUL
Compliances	CE, FCC Class A, VCCI, AS/NZS, ICES
MTBF	30,000 hours
Warranty	3 years parts and labor

NOTE *Specifications are subject to change without notice.*