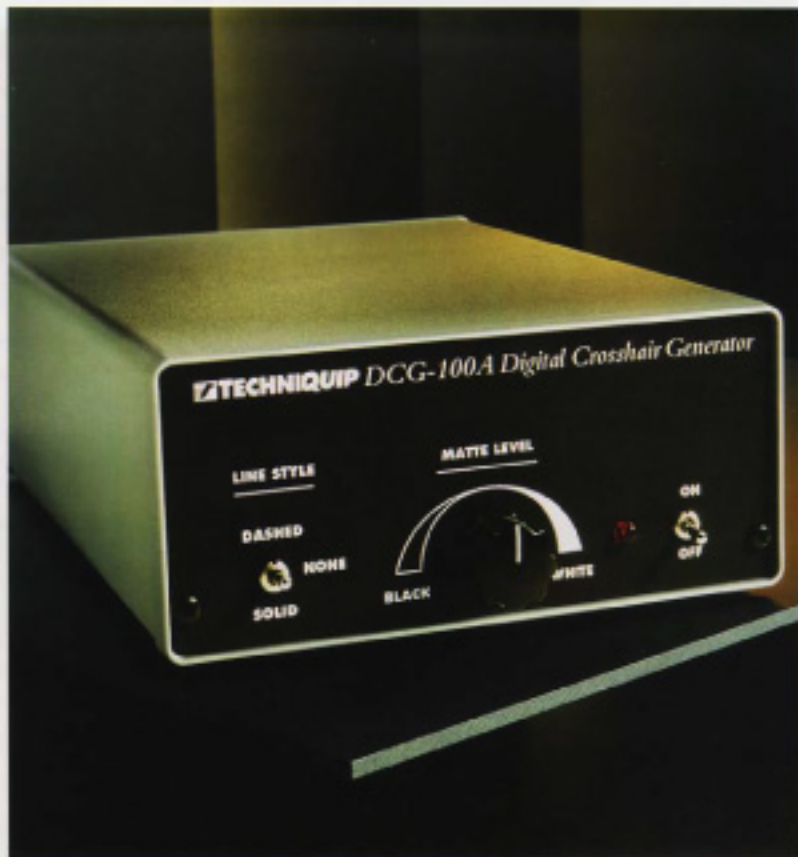


TECHNIQUIP



Video Crosshair Generators

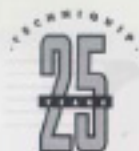
Highlights:

- Single, double line and box generators.
- Adjustable crosshairs
- Compatible with existing video systems.
- High performance and value.

TechniQuip's Crosshair Generators are unparalleled in their performance and value. They offer many features of more advanced equipment at an economical price. The model DCG-100A features digital circuitry and HCMOS logic for maximum stability. It generates a center-fixed crosshair that is bit-mapped into a video image. Any color (NTSC or Y/C) or Monochrome (EIA) TV/Video system can be used. Front panel controls allow selection of Solid, Dashed, or No Crosshair; and Adjustable Matte varies

crosshairs from black through white, and the Power (ac) On/Off has a LED indicator lamp. The DCG-100A's rear panel has input and output connectors for composite and S-Video (Y/C) signals. Please refer to the back of this data sheet for more information about the DCG-100A as well as our models CHG-1, CHG-2, and DA-Y/C Crosshair Generators. In addition, our fully digital model DMZR combination Caliper and Crosshair Generator is featured on a separate data sheet.

Our low cost Crosshair Generators offer exceptional performance for the demanding professional.



Special and OEM
configurations
readily available.

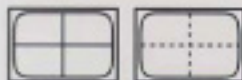


OPERATION - MODEL

#DCG-100A:

The TechniQuip Model DCG-100A is simple to install and operate. The unit is

connected in series between the video camera & monitor. Input and output jacks are provided for both BNC and S-Video style cables. (Note: Simultaneous outputs from both NTSC and S-Video are not permitted.) Front panel controls include Power, Matte Level (to adjust crosshair grey level), and Line Style (dashed, solid, none).



The left screen simulates a typical display using solid lines. The screen on the right uses dashed lines. The DCG-100A permits continuously variable matte levels, from black to white.

SPECIFICATIONS:

Signal Input:

Format: NTSC, R.S-170 (525 line system)

Video Input Levels (NTSC and S-Video):

75 Ohm termination Video: 0.7v p-p Sync: 0.3v p-p

Chroma Input Levels: 300mv p-p into 75 Ohms

Video Signals: Centered single SOLID line crosshair

Centered single DASHED line crosshair

Video Output Levels:

Luminance: 1.0vp-p @ 75 Ohms

Chroma: 300mv p-p @ 75 Ohms

Input Power: 115VAC, 60 Hz/220VAC, 50Hz

Output Power:

+12vDC @ 800ma MAX(via 2.5mm phone jack)

Controls (Front Panel):

Power (on/off) w/red LED indicator; Matte Level (black ~ white); Line Style (dashed/solid/none)

I/O Connectors (Rear Panel):

1 ea. BNC for NTSC; 1 ea 4-pin mini-Din for S-Video (Y/C)

Dimensions: Length: 7 3/8" (18.73cm)

Width: 5 1/2" (13.97cm) Height: 2.375" (6.03cm)

12 Month Warranty

OTHER MODEL SPECIFICATIONS:

	CHG-1	CHG-2	DAY/C
Input:	Composite video .7-1.4V p-p/75 ohms	Composite video .7-1.4V p-p/75 ohms	Composite video .7-1.4V p-p/75 ohms
Output:	Composite video 1.4V p-p/75 ohms	Composite video 1.4V p-p/75 ohms	Composite video 1.4V p-p/75 ohms
Bandwidth:	Greater than 12MHz	Greater than 12MHz	Greater than 12MHz
Controls:	Power, On-Off; White-off-Black; Vertical Positioning; Horizontal Positioning; Intensity	Power, On-Off; White-off-Black (#1); Vertical Positioning (#1); Intensity; White-Off-Black (#2); Vertical Positioning (#2); Horizontal Positioning (#2)	Power, On-Off; White-Off-Black; Vertical Positioning; Horizontal Positioning; Single X&Y, Double X&Y, Box Vertical Size; Horizontal Size
Input/Output:	BNC	BNC	BNC (also 4 pin mini-Din)
Line Movement:	100% of screen, in each axis	100% of screen, all four (4) lines.	90% of screen, in each axis
Power Source:	AC 117V, 60Hz, Approx. 10 watts or, (220V, 50Hz upon request)	AC 117V, 60Hz, Approx. 10 watts or, (220V, 50Hz upon request)	AC 117V, 60Hz, Approx. 10 watts or, (220V, 50Hz upon request)
Dimensions:	8.5"(W), 2.25"(H), 10.5"(D)	8.5"(W), 2.25"(H), 10.5"(D)	8.5"(W), 2.25"(H), 10.5"(D)
Weight:	Under 4 pounds	Under 4 pounds	Under 4 pounds
Screens:			

TECHNIQUIP

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