

TEST INSTRUMENTS

The model PG-68 pattern generator generates a wide variety of test signals and video patterns for testing, servicing, and adjustment of television, computer monitors, and other video equipments. Features a wide selection of popular video patterns including Color Bars, Crosshatch, Dot, Staircase, Circle, Center Cross, Window, and Raster for accurate and comprehensive TV/Monitor troubleshooting and testing. Supports both progressive and interlace scanning system. RF video output on Ch3 / Ch4 with 1KHz audio tone for audio troubleshooting. Composite video output with adjustable amplitude. S-Video output. Pattern switching AUTO/MANUAL selectable. Computer monitor connector for testing PC monitors. User friendly interface for easy operation.

Video Pattern

- Color Bars: white, yellow, cyan, green, magenta, red, blue, and black
- Crosshatch: 15 vertical x 11 horizontal white lines on black raster
- Dot: 15 vertical x 11 horizontal white dots on black raster
- Staircase: Linear staircase signal with 5 equal steps from black to white
- Circle: Circle with 1 x 1 cross hatch
- Raster: White, red, green, blue, yellow, cyan, magenta and black
- Window: White window on black background
- Center Cross: Centering box on screen

Technical Specifications

- ◆ TV SCANNING SYSTEM: Interlace and Progressive
- ◆ RF OUTPUT: CH3 = 61.25 MHz Crystal controlled
CH4 = 67.25 MHz Crystal controlled
- ◆ COMPOSITE VIDEO: Adjustable amplitude from 0 to 1Vp-p into 75 Ohms
- ◆ S-VIDEO:
 - Chrominance output: 0.6Vp-p into 75 ohms
 - Luminance plus Sync Output: 0.8Vp-p into 75 Ohms
- ◆ Sound: 1 KHz audio tone
- ◆ VGA connector: Analog 15_{HD}
- ◆ Computer monitors VGA mode testing: 640 x 480
- ◆ Power: External AC adapter included (15V DC, 300mA 5.5mm x 2.1mm center pin +)
- ◆ Dimensions: 8”(W) x 2.5”(H) x 6.5”(D)



FRONT VIEW



REAR VIEW

