



YCP-TG MULTI-FUNCTION VIDEO/AUDIO TEST GENERATOR

The YCP-TG is a low cost Television Test Signal Generator well suited for maintenance and alignment of video equipment in most television, cable or video production environments. This design takes advantage of large scale integration, which provides you with a low cost, high quality video generator, and passes the savings on to you.

FEATURES

- 9-bit digital signal processing video generation
- Simultaneous Composite and Y/C (S-Video) outputs
- Standard BNC and 4 Pin Mini Din S-Video Connectors
- AC or DC power supply
- NTSC color black
- SMPTE Color Bars with pluge
- Color black 7.5 IRE setup
- Video standard, NTSC (RS170A)
- Full Field color bars 100.75
- Full Field EIA color bars 75.75
- White Window
- Red Field
- Green Field
- Blue Field
- Color Black with 7.5 IRE setup
- Multiburst packets, 0.5,1.0,2.0,3.0,3.58,4.2 MHz
- Cable sweep with markers
- Stair case 5 Step
- Stair case 10 Step
- Linear Ramp, 0 to 100%
- Cross hatch, 14H x 17V
- Safe Area with Center Cross
- Bounce
- Test Signal Matrix

On Screen Display with changeable 12 character text message
Enter the text display with easy setup from the front panel.
No dip switches to set. Toggle the Character ID on and off from the front panel. 1 KHz Test Tone Audio Output, 0dbm output level (adjustable)



OUTPUTS OF YCP-TG

Electrical Characteristics Test Signal Generator

- Luminance Accuracy less than 5%
- Hue Accuracy less than 2.5 degrees
- Color Saturation Accuracy less than 2%
- Differential Gain less than 2% Differential Phase less than 2%
- Burst Frequency Error standard +/- 100 Hz

Video Outputs

- Composite Video Connector (1) BNC, 1V p-p, into 75 ohm
- S-Video Connector (1) 4-pin mini-DIN
- Standards NTSC RS170A

Audio Output

- Connector: XLR male balanced
- Frequency 1 kHz
- Amplitude: 0 to +8dB into 600 ohm or a high impedance load.

Power Source

- AC Adapter 110 VAC to 9VDC.
- External 9-12VDC less than 300mA.

Environmental

Temperature:

- Operating 0C to +35C, Nonoperating -40C to +65C

Physical Characteristics:

- Dimensions: Width 5.4
- Weight lbs: Net 1.06, Shipping 3.31