



Video Test Pattern Generator

Model LPM-55

LPM-55 is a Multi-Standard Video Test Pattern Generator for professional use, capable of outputting signals in multiple worldwide television standards. An On Screen Display indicates the standard selected. Fourteen basic test patterns are provided, including: Circle, 8-Step Grey Scale, 16-Step Grey Scale, Full Field Color Bar, Multiburst, Color Difference, Moving White Field, White Pattern, Checkerboard, Crosshatch, Dots, Center Cross and Purity Patterns. These can fill the entire screen or split into three horizontal sections on the screen, so that different patterns can be combined. From these fourteen basic patterns, over one hundred individual test pattern signals can be derived. Simultaneous outputs are available in Composite, S-Video and YUV Component.



LPM-55



Key Features of the LPM-55

- Multi-standard for Worldwide Television Systems
- On-Screen Display for Selected Standard
- Composite, S-Video and YUV (YCbCr) Outputs
- Over 100 Possible Video Test Patterns

Specifications

Video Outputs

Composite Video 1x via BNC Connector
 S-Video (Y/C) 1x via 4-PIN Mini-DIN Connector
 YUV Component 1x via 3 BNC Connectors

General

Impedance 75Ω
 Television Standards PAL-B,D,G,I,K, PAL-M, PAL-N, NTSC 3.58, NTSC 4.43, SECAM
 Controls Front Panel Push Buttons
 Indications Front Panel LED's, OSD
 Basic Test Patterns 14 (100+ possible combinations)

Warranty

Limited Warranty 2 Years Parts and Labor

Mechanical

Size (H-W-D) 2.75"x7.1"x11" (70x180x280mm)
 Weight (Net) 3.7 lbs (1.7 kg)

Environmental

Operating Temperature +5° to +40° C (+41° to +104° F)
 Operating Humidity 20% to 80%, Non-condensing
 Storage Temperature -20° to +60° C (-4° to +140° F)
 Storage Humidity 5% to 95%, Non-condensing

Power Requirement

Internal Power Supply 100-240VAC, 50-60Hz, 3 Watts

Regulatory Approvals

Test Generator FCC, CE
 Power Supplies UL, CE, CSA

Accessories Included

1x Operations Manual
 1x Carrying Handle Affixed to top of housing
 1x AC Power Cable US, UK or Euro or Type

Product Item Number

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Panel Drawings

