

PG-401/ PG-401L



The model PG-401 series TV Color Pattern Generators are designed for servicing and testing monitors and televisions of NTSC or PAL type. The PG-401 has full field color bars and raster in four colors for testing purity and white balance. Its compact handheld design makes operation easy with a push button digital display. This unit comes complete with its own carrying case, RF cable, video cable, rechargeable Ni-Cd batteries, charger, AC-DC adapter and an operator's manual.

FEATURES

- Easy channel selection by push button and digital display
- Auto power-off
- Full field color bars for servicing and testing TV, VTRs
- RF output for all channels
- Compact, light weight and battery operated
- Raster in 4 colors for testing purity, white balance.
- Ni-cd battery, Charger, Carrying case and AC-DC adapter, RF jack and cable included

SPECIFICATIONS

| SPEC | MODEL | PG-401(NTSC) | PG-401L(PAL) | |
|----------------------|--|---|---|--|
| Patterns | Full field color bars | 75% white, Yellow, Cyan, Green, Magenta, Red Blue and Black(From the left side of the screen) | | |
| | Crosshatch | 15(V) x 12(H), White lines on a black back ground | | |
| | Dots | Intersection of 12(V) x 15(H) Cosshatch lines With White dot on black back ground | | |
| | Corner Marker | White window at upper right of the screen | | |
| | Raster | White, Red, Green and Blue Raster | | |
| RF Output | Frequency | VHF Low | 55.25 ~ 83.25MHz / 41.2562.25MHz/49.75 to 85.25MHz | |
| | | VHF High | 175.25 ~ 211.25MHz / 175.25 to 224.25MHz/168.25 to 216.25MHz | |
| | | UHF | 471.25 ~ 885.25MHz / 471.25 to 855.25MHz to 471.25 to 863.25MHz | |
| | Output Level | VHF | 1mVrms min | |
| | | UHF | 0.5mVrms min | |
| Modulation | AM minus | | | |
| Sound Signal | Carrier Frequency | 4.5MHz ± 20kHz | | |
| | Sound Frequency | Approx.1kHz | | |
| | Carrier Output | ON/OFF Switchable | | |
| Video Signal | Output Level | 1Vp-p, 75 Ω Termination, AC coupling within ±6V | | |
| | Output Impedance | 75 Ω , F Type Connector | | |
| Synchronizing Signal | Horizontal Frequency | 15.734kHz | | |
| | Vertical Frequency | 59.94Hz | | |
| | Equalizing Pluse | Provided | | |
| | Scan | Interlaced Scanning | | |
| | Sub carrier Frequency | 3.579545MHz ± 200Hz | | |
| General | Power Requirement | DC 9V(6 "AA" Batteries) | | |
| | External Power | AC-DC Adapter(9VDC/300mA) | | |
| | Size | 80(W) x 172(H) x 36.5(D) | | |
| | Weight | Approx. 380g with Batteries | | |
| Accessories | Carrying Case(1), Ni-cd rechargeable Battery(6), RF Cable(1), Video Cable(1), AC-DC Adapter(1), Operator's Manual(1) | | | |