

TM9-1D

9" Broadcast Color Video Monitor with SDI



TM9-1D monitor offers NTSC/PAL multi-format compatibility, selectable 4:3/16:9 aspect ratio, presettable controls, One SDI video, two composite video and audio inputs, and operates from virtually any AC source from around the world. The TM9-1D is a rugged top performer that you can take anywhere with confidence.

- NTSC/PAL compatible
- 16:9/4:3 aspect ratio
- Comb Filter
- Tally Lamp
- Remote control connector
- Rack mountable rugged metal cabinet
- Underscan, Blue Check and Pulse Cross modes
- SDI Video input

Description

- NTSC/PAL Compatibility**
 The TM9-1D is multi-format capable of accepting Composite or SDI signals from NTSC or PAL sources.
- SDI Input**
 The TM9-1D accepts SDI (SMPTE 259M) signal.
- Two Video Inputs with Loop**
 Through In addition to the Y/C input, two additional Composite Video inputs with loop through are provided.
- Comb Filter**
 A Comb Filter circuit is provided for optimum chrominance and luminance separation. The Comb Filter prevents cross color and dot crawl interference of NTSC signals.
- Tally Lamp**
 A conveniently located, easy to see tally lamp is located on the front of the monitor.
- Remote Connector**
 An 8 pin female DIN connector located on the rear panel allows remote on/off control of several functions, including Tally, by simply grounding the assigned pin.
- Display Capability**
 Scanning can be changed between 4:3 and 16:9 aspect ratios by simply pushing the appropriate front panel switch.
- Underscan Mode**
 Underscan mode can be selected by pushing the appropriate switch on the front panel. It allows viewing of the entire active picture.
- Blue Check Mode**
 Hue and Saturation color level adjustments as well as noise level checks are made easy when the Blue Check Mode is selected on the front panel.
- Pulse Cross Mode**
 The pulse cross mode allows visualization and monitoring of vertical and horizontal blanking period. used asynchronous reference signals for cameras
- Color Off Control**
 While balance settings can be verified by using the Color Off switch.
- External Sync**
 Independent External Sync input with loop through is provided.
- AFC Mode Switch**
 The AFC time constant can be decreased to allow viewing of images that have VTR generated jitter. A rear panel located switch is provided.
- Built-in Speaker**
 A 3.5 inch side mount Speaker powered by an internal 1Watt amplifier is provided for audio monitoring.
- Two Audio Inputs**
 Two RCA connectors with bridged output are provided.
- Rack Mounting**
 Rack mounting of the TM9-1D is possible individually or side by side in any EIA 19" rack. There are two types of rackmount available as option. One is 6RU height (part# is RK910SU) and the other one is 5RU height (part# is RKM0B910).

Specifications

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|-----------------------|--|---------------------|-------------------------------------|
| Type | Color Video Monitor | 2) Input B: | 1.0Vp-p, 75ohms, negative sync., |
| Color System | NTSC/PAL | Composite Video | auto-termination, BNCx2, bridged. |
| CRT | 9"(diagonally measured), In-line gun, Stripe pitch 0.5mm | SDI Video | SMPTE 259M, BNC x2 loop-through |
| Scanning Frequency | H: 15.75kHz(NTSC)/15.625kHz(PAL) | 3) External Sync: | Composite sync, 1.0 - 4.0Vp-p |
| | V: 60/50Hz | | BNC x2, bridged output possible |
| Rated Power | 120V AC, 60Hz under UL | Audio Terminals | RCA pin x4 for input A & B, bridged |
| | | | Output possible |
| Horizontal Resolution | More than 300 TV lines | Audio Speaker | 3.5 inch (8cm) round, 1W output |
| Power Consumption | 0.57A | Tally/Remote | DIN 8-pin |
| Color Temperature | 6500°K | External Dimensions | 8-3/4 x 9-5/16 x 12-1/2 (inches) |
| Input Terminals | | (WHD) | 222 x 236 x 317 (mm) |
| 1) Input A: | 1.0Vp-p, 75ohms, negative sync, | | |
| Composite Video | auto-termination, BNCx2, bridged | | |

Design and specifications are subject to change without notice.

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