Liquid Crystal Color Shutter Portable Monitor

**TM-L450TU 4.5”**

- Super Bright, Super High resolution compact portable LCCS color monitor
- 4.5-inch, rack-mountable monitor is ideal for ENG field production, video production trucks, sports arena VIP seating and videography.
- Liquid Crystal Color Shutter technology, unlike a conventional CRT monitor, utilizes a combination of a black and white CRT with a liquid crystal color shutter.
- Sharp images are displayed in even the brightest environment, without misconvergence or annoying moire patterns
- Over 400 TV lines of resolution
- Highly-compact unit is triple EIA rack mountable and weighs below 3.5 kg (about 7-1/2 pounds) with its AC adapter
- Dual NTSC or PAL inputs
- Integrated NTSC TV Tuner, RF channels: VHF 1-12, UHF 13-62
- Display size adjustable for overscan, underscan and 16:9
- Blue only mode for color phase adjustment
- Detachable AC adapter (19 V output) with 100–240 V, 50/60 Hz range
- AC adapter Interchangeable with 12 V DC battery mount adapter.
- Twin loop through BNC Video with mono RCA Audio inputs plus RF antenna input (75 ohm F connector).
- Easy adjustment and set-up by menu, including contrast, brightness, sharpness, chroma, phase, video system, power save mode, and channel settings.

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**Monitor type:** LCCS video monitor

**Video system:** NTSC/PAL

**Inputs**

- Composite video: BNC x2, 75 ohms automatic bridging for loop through
- Audio: Monaural RCA x2, 500 mVrms high impedance

**Remote:** Minijack

**Speaker:** 5 cm, 0.5 W

**Earphone:** Minijack

**Temperature range:** 0–40°C

**Humidity range:** 20–80%

**Power requirements:**
- AC 100–240 V, 50/60Hz
- DC 12 V

**Power consumption:**
- DC 19 V, 2 A (AC adapter)
- DC 12 V, 3.5 A (battery)

**Weight:** 3.0 kg (7.7 lbs.) (not including AC adapter)

**Dimensions:**
- 146 (W) x 181.3 (H) x 292.8 (D) mm
- (5-3/4" x 7-3/16" x 11-9/16") including AD adapter, carrying handle, feet and stand (stored)

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**LCCS monitors basic structure**

- Liquid-crystal shutter
- Liquid-crystal shutter
- B/W CRT
- Liquid-crystal shutter
- Red light filter
- Green light filter
- Blue light filter

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All model numbers, specifications and prices are subject to change without notice.