



LCD Color Monitors

Models LM-401M, LMP-401, LM-681M, LMP-681

LM-401M and **LM-681M** LCD Color Monitors feature 4" and 6.8" diagonal Active Matrix Liquid Crystal Displays respectively, offering high brightness and wide viewing angles. They have two Composite Video Inputs and NTSC or PAL standards are automatically detected. The image on the screen can be horizontally reversed or vertically flipped with switches provided on the units. A Mono Audio Input is provided and a Headphone Jack on the front panel allows for audio monitoring. Both models are housed in metal cases for field work, making them highly portable. They are powered by 12VDC and an AC Adapter is included. Standard VESA mounting holes are provided on the rear panel of the LM-681M. Both models are flicker-free, low radiation, light weight, space saving and features low power consumption. The LM-681M includes a tiltable sunshade for improved viewing in bright areas.

LMP-401 and **LMP-681** are versions that include several accessories for high mobility, including a carrying bag with see-through cover, waist belt, rechargeable Nicad Battery Pack and Charger.



LM-401M



LM-681M

Key Features of the LM-401/681 Series

- Rugged Metal Case
- 2 Composite Video Inputs
- High Brightness – 250 cd/m²
- 12VDC Operation
- Available in Field Kits
- Rechargeable Battery Pack Option
- Flexible Mounting Arrangements



**Field Version
(LMP-681 Pictured)**



LCD Color Monitors

Models LM-401M, LMP-401, LM-681M, LMP-681

Specifications

LM-401M, LMP-401

Display Size	4.0" (10cm) Diagonal
Panel Resolution	480x234
Active Area	82.1mm x 61.8mm
Left/Right View Angle	45°
Up/Down View Angle	10°/30°

LM-681M, LMP-681

Display Size	6.8" (17.3cm) Diagonal
Panel Resolution	1152x234
Active Area	138.24mm x 103.24mm
Left/Right View Angle	45°
Up/Down View Angle	10°/30°

Inputs

Composite Video	2x via RCA Connectors
Mono Audio	1x via RCA Connector

General

Display Element	Active Matrix TFT
Brightness	250 cd/m ²
Contrast Ratio	200:1
TV Standards	NTSC-PAL Auto-detect
Vertical Frequency	NTSC:60Hz, PAL:50Hz
Horizontal Frequency	NTSC:15.75KHz, PAL:15.625KHz
Video Monitoring	Via RCA Connector
Audio Monitoring	Via 3.5mm Jack

Controls

Image Reverse	Right-Left, Up-Down Switches
Image Adjustments	Color, Brightness, Contrast Knobs
Audio Level	Headphone Volume
Video Input	Video 1-Video 2 Switch
Power	On/Off Switch

Limited Warranty

Unit, except LCD Panel	1 Year Parts and Labor
LCD Panel	Panel Manufacturer's Terms

Mechanical

LM-401M Size (H-W-D)	4.5"x5.5"x1.4"(115x139x36mm)
Weight (Net)	1 lb (450 g)
LM-681M Size (H-W-D)	5.3"x7.6"x1.4"(134x194x36mm)
Weight (Net)	1.7 lbs (780 g)
LM-401 Mounting	Tripod Thread Hole – Bottom
LM-681 Mounting	Tripod Thread Hole – Bottom & VESA Standard – Rear Panel

Environmental

Operating Temperature	+32° to +140° F (0° to +60° C)
Operating Humidity	Up to 85%, Non-condensing
Storage Temperature	-13° to +176° F (-25° to +80° C)
Storage Humidity	Up to 85%, Non-condensing

Power Requirement

External Power Supply	9-13VDC @250mA, 5W Max
-----------------------	------------------------

Regulatory Approvals

Monitors	FCC, CE
Power Supplies	UL, CE, CSA

Accessories Included – LM401M, LM-681M

1x Operations Manual	LM-401/681 Series
1x Sunshade	LM-681M Only
1x AC Power Adapter	115VAC to 12VDC @ 500mA

Accessories Included – LMP401, LMP-681

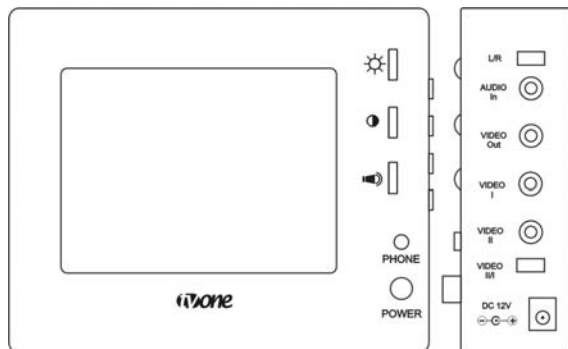
1x Operations Manual	LM-401/681 Series
1x AC Power Adapter	115VAC to 12VDC @ 500mA
1x Battery Charger	100-240VAC to 15VDC @ 1A
1x NiCad Battery	Rechargeable
1x Carrying Case, Strap	With Clear Cover

Product Item Numbers

LM-481M	4.0" LCD Monitor
LMP-401	4.0" with Portable Accessories
LM-681R	6.8" LCD Monitor
LMP-681	6.8" with Portable Accessories

Panel Drawings

LM-401



LM-681

