

# VIDEOLOGY<sup>®</sup>

IMAGING SOLUTIONS INC.

## Instruction Manual

### 45M040T 4" LCD Test Monitor



***Information may change without notice.***

This document provides technical information for the user. Videology reserves the right to modify the information in this document as necessary. The customer should make sure that they have the most recent manual version. Videology holds no responsibility for any errors that may appear in this document.

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## 1. Features

The 45M040T is a compact, durable, portable TFT LCD Monitor Test kit. It is supplied with 6x "AA" rechargeable batteries and a charger.

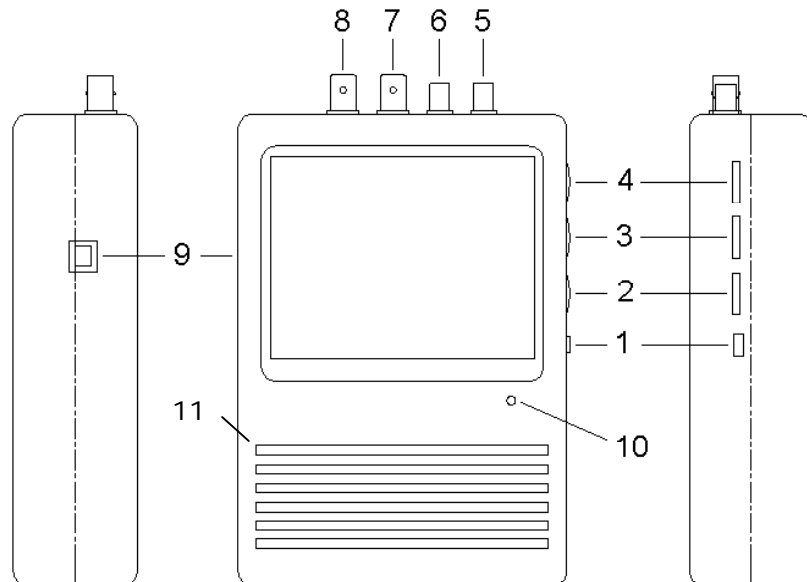
**Note:** Batteries must be charged prior to initial operation.

It has a Velcro arm wrap that can attach the monitor to an installers lower arm. During installation this allows for ease of hands free viewing. The Velcro is attached to the monitor and does not need extra assembly.

The control panel has buttons for Power, Brightness, Color and Volume Controls.

## 2. Controls/Connections

1. Monitor Power ON/OFF
2. Volume
3. Control Brightness
4. Color
5. Audio OUT
6. Audio IN
7. Video OUT
8. Video IN
9. DC 12V Input
10. Charger Indicator
11. Speaker



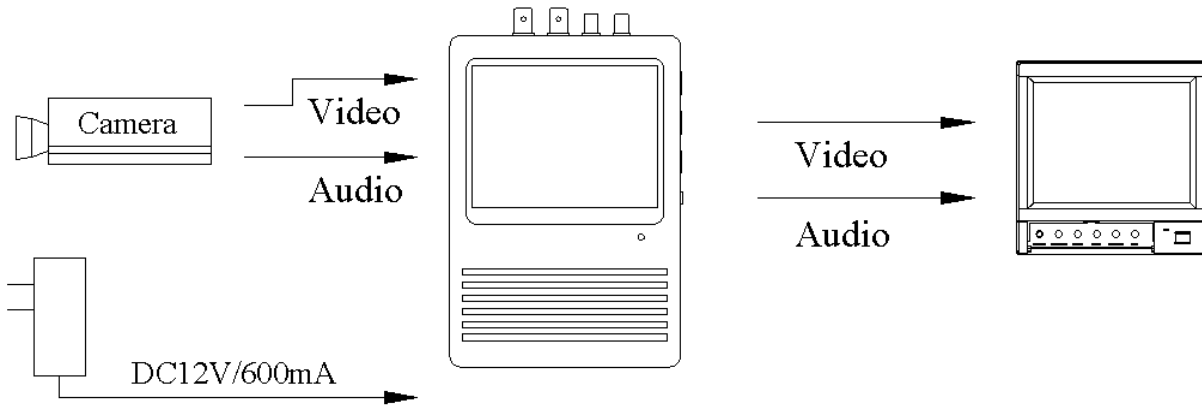
## 3. Operation

- Power Turns monitor on / off
- Volume Controls speaker's volume
- Brightness Adjusts the overall picture shade and brightness
- Color Adds color intensity
- Audio Out Audio looping output
- Audio In Audio signal input
- Video Out Video looping output
- Video In Video signal input
- DC12V Input Charger adaptor input
- LED Indicator
  - Green Monitor is ON
  - Red Batteries are charging, the LED is Off when the batteries are fully charged
  - Orange Monitor is ON while charging
- Speaker

**Note:** The charger adaptor is solely for the purpose of charging. It cannot be used as a power source. The monitor does not work without batteries.

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## 4. Cabling Diagram



## 5. Specification

<b>45M040T</b>	
Display	4" Color TFT LCD
Number of Dots	480 (W) x 234 (H)
Display Area	82.11(W) x 61.77 (H)
Dot Pitch	0.171 (W) x 0.264 (H)
Color Configurations	R.G.B delta
Back Light	LED B/L
Input Signal	NTSC & PAL (auto-switch) composite video signal, 1.0 Vp-p/75 ohm. Negative Audio: 150~250mVp-p / 1.0
Input/Output Terminal	VIDEO: BNC. Auto Termination / AUDIO: RCA Jack
Lamp Life-time	10,000hr min. (Temp=25°C)
Viewing Angle (min)	U/D/L/R 10/30/45/45
Brightness	250 nit (typ.)
Contrast Ratio	150:1 typical
Response Time	Tr: 15ms Tf: 20ms (Typ)
Power Voltage	1.2Volts x 6 (Size "AA") 2200mAH Rechargeable battery
Power Consumption	3.0 W max
Operating Temperature	0° ~60°
Storage Temperature	-20° ~80°
Operating Humidity	Max.85%RH
Storage Humidity	Max.85%RH
Dimensions (mm)	152(W) x 105.6(H) x 38.6(D)
Weight	320g (w/o Battery)
External Control	Volume, Brightness, Color
Accessories	Adaptor x1, Leather Case x1, Belt x 1, Rechargeable Battery x6

## 6. Contact

To contact Videology Imaging Solutions:

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