

CM-5033A1

Color TFT LCD Monitor

FEATURES

- **NTSC & PAL AUTO-SWITCH**
- **STEREO AUDIO OUTPUT**
- **PICTURE ON DEMAND & POWER SAVING**
" NO SIGNAL, NO POWER "
- **WIDE OPERATING POWER RANGE**
" 10 V ~ 24 V "

CM-5033A1 can accept both of NTSC and PAL systems and switch automatically. Image will roll for 1 second when it is investigating video system.

Power will be off automatically after 6 seconds when there is not any video signal input. And power will be on automatically when video signal input exists if power switch is on. It means that you just need to power on at first time and then power on/off will be dependent on whether there is video signal input or not.

CM-5033A1 allows DC power input within 10V to 24V.

SPECIFICATIONS

DISPLAY	5" COLOR TFT LCD
RESOLUTION	960(H) x 234(V)
ACTIVE AREA	102.72(H) x 74.53(V)

DOT PITCH
LAMP LIFE
INPUT SIGNAL

0.321(H) x 0.3185(V)
20,000 hr.
NTSC & PAL (auto-switch)
composite video signal
1 Vp-p / 75 ohm
NTSC PAL
 f_H 15.75 KHz 15.526 KHz
 f_V 60 Hz 50 Hz
 f_{sc} 3.58 MHz 4.43 MHz

SPECIFICATION OF AUDIO

INPUT IMPEDANCE 10 K Ω
OUTPUT OF AUDIO 0.3 W max.
EARPHONE 16 Ω / 32 Ω
BAND WIDTH 15 KHz
INPUT LEVEL 1 Vp-p

POWER SOURCE

DC 12V ~ 24V
(ripple 0.5 Vp-p max.)
RANGE OF OPERATING VOLTAGE DC 10V ~ 24V
POWER CONSUMPTION 3.5W max.
RESPONSE TIME Tr = 30ms max.
Tf = 50ms max.

CONTRAST RATIO

400 TYP.
at optimized viewing angle

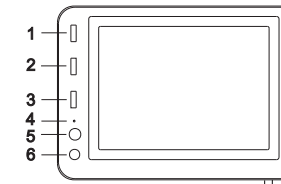
BRIGHTNESS

250 nit TYP.
VIEWING ANGLE TOP 40 deg.
BOTTOM 60 deg.
LEFT/RIGHT 70 deg.

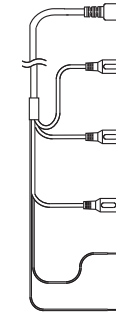
OPERATING TEMPERATURE

0 $^{\circ}$ C ~ 60 $^{\circ}$ C
STORAGE TEMPERATURE -30 $^{\circ}$ C ~ 80 $^{\circ}$ C
OPERATING HUMIDITY 85% RH max.
STORAGE HUMIDITY 85% RH max.
OVERALL DIMENSIONS 146(W) x 105(H) x 30.5(D)
WEIGHT 280 \pm 5 g

FUNCTIONS



1. BRIGHTNESS
2. COLOR
3. VOLUME
4. POWER INDICATOR
5. POWER ON/OFF
6. EARPHONE



- **YELLOW RCA JACK**
Video Input
- **RED RCA JACK**
Right Audio Input
- **WHITE RCA JACK**
Left Audio Input
- **RED WIRE**
DC Input (10 V ~ 24 V)
- **BLACK WIRE**
Connect to ground.

CAUTION

1. Don't expose to direct sunlight. (refer to specification)
2. Don't expose temperature extremes. (refer to specification)
3. Avoid dropping and strong impact.
4. Avoid wet and dust.
5. Never attempt to take apart and maintain by yourself.