



Exhibit 7

The User's Manual of EUT

C5W

New XGA

Color Monitor

User's Manual

FCC Notice

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ☐ Reorient or relocate the receiving antenna.
- ☐ Increase the separation between the equipment and receiver.
- ☐ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ☐ Consult the dealer or an experienced Radio/TV technician for help.

Caution: To comply with the limits for a FCC Class B with core computing device, always use the shielded signal cord and shielded power cord both supplied with this unit.

Caution to the User:

The Federal Communications Commission warns the user that changes or modifications of the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Canadian Department
of Communications
compliance statement**

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of the canadian department of communications

**Avis de conformite
aux normes du
ministere des
Communications
du Canada**

Le present appareil numerique n'emet pas de bruits radioelectriques depassant les limites applicables aux appareils numeriques de class B prescrites dans le reglement sur le brouillage radioelectrique edicte par le ministere des communications du canada.

TABLE OF CONTENTS

General Information 4.

GENERAL INFORMATION

The **C5W** series is a range of 15" inch multi-frequency analogue color monitors, providing scan frequencies from 30KHz to 54KHz.

The series incorporates a microprocessor based control system allowing operation at each mode with a precision display. The **C5W** provides crisp text and vivid color graphic displays when used with multi-frequency and compatible graphic adapters.

A user friendly power saving system which complies with VESA standard is designed into the monitors. The system eliminates unnecessary waste of electricity and reduces heat emission from the monitors. We are confident that you will be pleased with the performance of this monitor.

SAFETY PRECAUTIONS

A. To prevent electric shock do not remove screws or cover. There are no user-serviceable parts inside the monitor. Service should only be carried out by a qualified service person.

B. Input power source:

The **C5W** is designed to full range from AC 100V to AC 240V.

WARNING : THIS APPLIANCE SHOULD BE GROUNDED (EARTHED)

C. The monitor is equipped with a three-pronged grounding plug, which will only fit a grounded power outlet.

This is a safety feature. If you are unable to insert the plug into the outlet, please contact an electrician.

D. Do not place objects on the power cord. A damaged power cord may cause fire or electric shock. If your power cord is damaged, do not use it. Contact local customer service for information on obtaining a replacement.

- E. Keep children and pets away from the monitor. Also, do not insert objects into the monitor's cabinet. They may touch dangerous voltages which can be harmful or fatal, or cause electric shock, fire or equipment failure.
- F. Do not allow liquids to spill into the cabinet.
- G. To reduce eye fatigue, avoid using the display in direct sunlight or under bright lights.
- H. Do not operate the monitor beyond the specified temperature and humidity range (see specifications).
- I. For correct operation, keep the monitor adequately ventilated.
- J. Keep the monitor away from strong magnetic fields produced by transformers, motors, fans or other devices.
- K. If the monitor does not operate properly, turn the power off and unplug the monitor.
- L. When an irregular AC Voltage is supplied, a protective circuit may turn off the monitor (the power indicator will also go off). If this happens, turn off the power switch and wait at least 30 seconds before turning it on again.

FEATURES

- A. The **C5W** monitors automatically adapt to vertical frequencies from 50Hz to 100Hz and the horizontal frequency range from 30KHz to 54KHz.
- B. Advanced DDC1/DDC2B+ I/O port provides convenient plug and play feature for Windows 95/98 systems.
- C. Ultra-high resolution up to 1024 × 768 / 60Hz, Non - interlaced.
800 x 600 / 85Hz , Non – interlaced .
- D. Low radiation complies with MPR II regulation.
- E. Complies with the universal safety standards, including UL/CSA/TUV.
- F. Complies with EMI standard including FCC Class B; EN5008H ; EN50092-1.
- G. Meet the VESA power saving standard.

H. Universal power supply with auto selection.

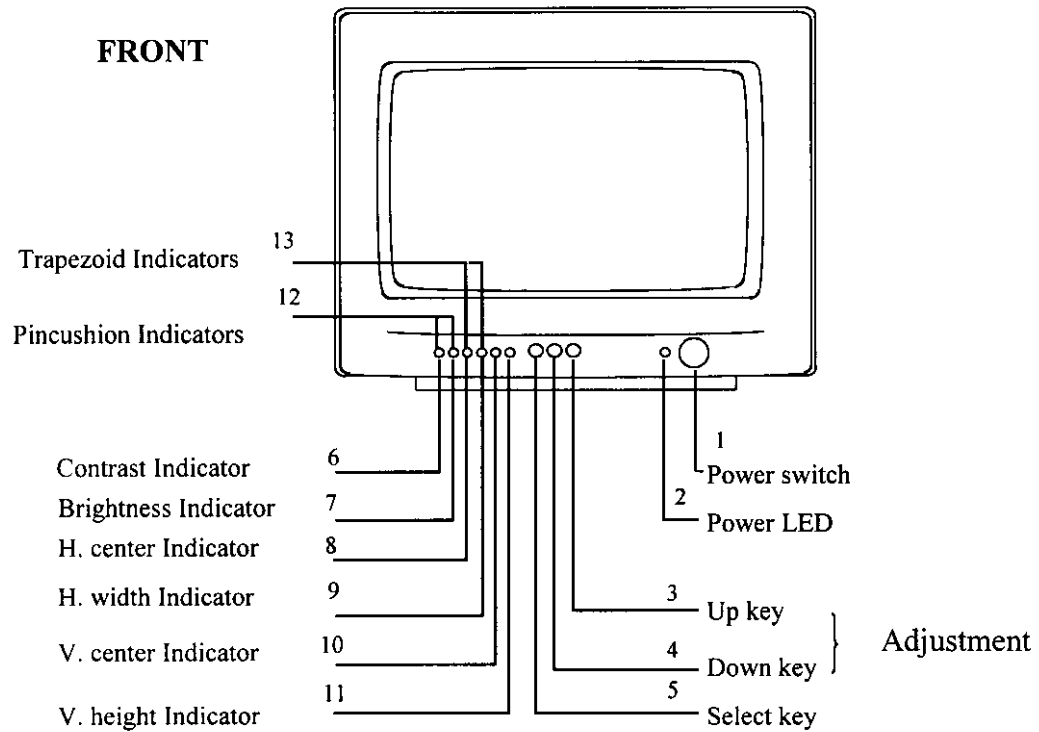
I. Precision display by digital geometry control function.

SPECIFICATIONS

Picture Tubes	90° deflection, 0.28 mm dot pitch 15" (Viewable 13.75") Low Radiation, Anti-Static
Resolution (Max)	1024 × 768/60Hz, Non-Interlaced
Display Colors	Unlimited
Max Display Area	Horizontal : 279mm
Rectangle	Vertical : 210mm
Video Input	Analog-RGB, 0.7 Vp-p (positive)
Video Bandwidth	80MHz (dot frequency)
Scanning Frequency	Vertical : 50Hz to 100Hz (Auto) Horizontal : 30KHz to 54KHz (Auto)
Sync. Input Form	Separate Sync. (TTL, Negative or Positive)
Termination	Video Input : 75 ohm Sync Input : 1 K ohm
Power Input	100-240 VAC(Full Range) 47-63 Hz
Power Consumption	Normal : 80W (Max) Power Saving Mode: Approx. 8W (110V/220V Max) (VESA DPMS Standard, Auto Off/Recovery)
Weight	12.5kg (Net)
Dimension	372.1 × 339 × 398.5 mm (W/O base) Height of Base : 37mm .
Safe Standard	UL/CSA, or TUV, CE

EMI Standard	FCC Class B, MPRII FTZ, CE
Standard Accessories	Tilt / Swivel Base Power cord
Recommended environment	Operating Temperature: + 0°C to +35°C (+32°F to +95°F) Storage Temperature : -20°C to +60°C (-4°F to +140°F) Humidity : 10% to 80%

CONTROL LOCATION and FUNCTIONS



CONTROLS and ADJUSTMENTS

1. Power Switch

Push to power on the monitor, push again to power off.

We recommend to power your PC system on first, then the monitor.

2. Power LED

The indicator will be green when the power switch is ON and the power cord is properly connected.

The color of the LED depends on the power state of the monitor. When the LED color is Permanently green, it indicates the monitor is at normal state. And when the power LED is yellow or amber, it indicates the monitor is at a power saving state.

3. 4 Adjustment (UP and DOWN key)

Press the UP key to increase the function setting, and the DOWN key to decrease the function setting.

5. Select key

Press this key to select the function to be adjusted.

6. Contrast Control

Press the Select key until the Contrast LED illuminates. Then press the UP or DOWN key to increase or decrease the display contrast.

7. Brightness Control

Press the SELECT key the until Brightness LED illuminates. Then press the UP or DOWN key to adjust the screen brightness level.

The display brightness is normally set to mid position .

8. H. center control (to centralize the display horizontally)

Press the Select key until the H. center LED is illuminated. Then press either the UP or DOWN key to adjust the horizontal center of the display area as required.

9. H. width control (to adjust the display width)

Push the Select key until the H. width LED is illuminated. Then press either the UP or DOWN key to adjust the width of the display area as required.

10. V center control (to centralize the display vertically)

Press the Select key until the V center LED is illuminated. Then press either the UP or DOWN key to adjust the vertical center of the display area as required.

11. V Height control (to adjust the display height)

Press the Select key until the height led is lit. Then press either the UP or DOWN key to adjust the height of the display as required.

12. Pincushion control (to straighten the vertical edges of the display)

Press the Select key until the Pincushion LED's are illuminated. Then press the UP or DOWN key to adjust the vertical edges of the display to be as straight as possible.

13. Trapezoid control (to straighten the vertical edges of the display in conjunction with pincushion)

Press the Select key until the Trapezoid LED's are illuminated. Then press the UP or DOWN key to adjust the edges of the display to be straight and square colt at the top and bottom edges.

14. Recall control (to reset the display parameters to those originally set in the factory)

Press the UP and DOWN keys simultaneously for a few seconds. The display will return to the original factory settings.

15. D/A limitation indicate

When the UP or DOWN adjustment range has reached their limits, the function LEDS will flash in sequence, indicating no further adjustment is possible.

NOTE !

(I) The recall function is only active for the standard timings.

(II) 2 seconds after the user adjusts the size or position of the display, the monitor's CPU will automatically save the new control setting in memory so that when the monitor is powered on again, it will recall the new settings and the display will be as that set by the user.

CONNECTIONS

The **C5W** monitors series has two connecting cables: a power supply cord, which connects to a wall outlet, surge protector or other power source, and a signal cable, which connects to the graphics adapter of your computer. To ensure safety and correct operation, always follow these four steps when connecting the monitor:

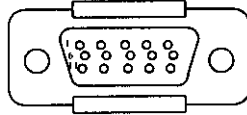
1. Disconnect the power supply cords from your computer and monitor.
2. Connect the signal cable from the monitor to the graphics adapter of your computer.

The connector is shaped so that it will only fit when properly aligned.

3. Secure the connection by tightening the two screws on the connector.
4. Plug the power supply cords of the computer and monitor into an AC outlet.

PIN ASSIGNMENTS and SIGNAL LEVELS

MINI D-SUB 15 Pin Connection:



Pin Layout and Pin Assignment Chart

PIN	SIGNAL
1	RED SIGNAL
2	GREEN SIGNAL
3	BLUE SIGNAL
4	DIGITAL GROUND
5	RETURN (DDC2B)
6	RED RETURN
7	GREEN RETURN
8	BLUE RETURN
9	5V
10	DIGITAL GROUND
11	MONITOR SENSE 1
12	SDA (DDC 1/2B)
13	HOR. SYNC.
14	VERT. SYNC.
15	SCL (DDC 2B)

⇒ VIDEO SIGNAL LEVEL IS 0.7 V_{p-p}

⇒ SYNC. SIGNAL LEVEL IS TTL

TIMING CHARTS and SPECIFICATION

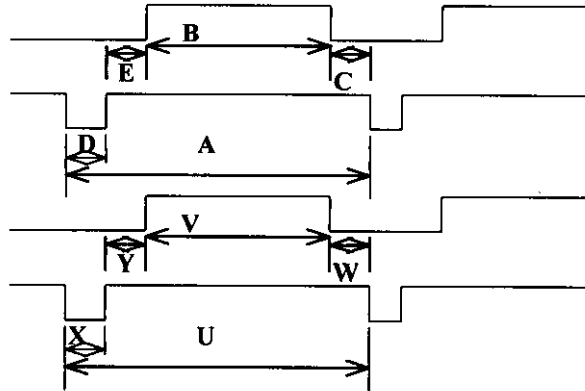
Separate Sync.

Hor. Video

Hor. Sync

Ver. Video

Ver. Sync



FACTORY PRESET MODES

Mode No.	1	2	3	4	5	Unit
Resolution	720×400	640×480	640×480	800×600	640×480	
Horizontal Frequency	31.468	31.469	37.5	37.879	43.269	KHz
(A) Horizontal	31.778	31.778	26.667	26.4	23.1	usec
(B) Horizontal Pulse Width	3.813	3.813	2.032	3.2	1.556	usec
(C) Horizontal Back Porch	1.907	1.907	3.810	2.2	2.222	usec
(D) Horizontal Active Area	25.423	25.422	20.318	20	17.778	usec
(E) Horizontal Front Porch	0.636	0.636	0.18	1	1.556	usec
H. Sync. Polarity	-	-	-	+	-	
Vertical Frequency	70	59.94	75	60.317	85.0	Hz
(U) Vertical Period	14.286	16.683	13.333	16.579	11.764	msec
(V) Vertical Pulse Width	0.063	0.064	0.080	0.106	0.069	msec
(W) Vertical Back Porch	1.143	1.049	0.427	0.607	0.578	msec
(X) Vertical Active Area	12.698	15.253	12.8	15.840	11.093	msec
(Y) Vertical Front Porch	0.381	0.318	0.027	0.026	0.023	msec
V. Sync. Polarity	+	-	-	+	-	
Interlaced	No	No	No	No	No	
Mode No.	6	7	8	9		Unit
Resolution	800×600	1024×768	640×480	800×600		
Horizontal Frequency	46.875	48.363	52.9	53.674		KHz
(A) Horizontal	21.333	20.677	18.887	18.631		usec
(B) Horizontal Pulse Width	1.616	2.092	1.247	1.138		usec
(C) Horizontal Back Porch	3.232	2.462	3.029	2.702		usec
(D) Horizontal Active Area	16.162	15.754	14.254	14.222		usec
(E) Horizontal Front Porch	0.323	0.369	0	0.569		usec
H. Sync. Polarity	+	+/-	-	+		
Vertical Frequency	75.0	60.0	100	85		Hz
(U) Vertical Period	13.333	16.667	10.009	11.8		msec
(V) Vertical Pulse Width	0.064	0.124	0.208	0.056		msec
(W) Vertical Back Porch	0.448	0.60	0.604	0.503		msec
(X) Vertical Active Area	12.800	15.880	9.065	11.179		msec
(Y) Vertical Front Porch	0.021	0.062	0	0.019		msec
V. Sync. Polarity	+	+/-	-	+		
Interlaced	No	No	No	No		

AUTOMATIC POWER SAVING

Introduction:

The “Green Concept” has prevailed throughout the information technology market of the world for some years. EPA (Environmental Protection Agency) stipulates that information products sold to UNITED STATES should meet the requirement of environmental protection. Thus, we promote a series of monitors with power saving features which meet the “EPA” energy star requirement.

Power Management System:

When used in conjunction with a PC having a power saving circuitry, it automatically reduces the monitor's power consumption when the computer is not in use. There will be no image on the screen when the power management is working, and is indicated by the power Light-Emitting Diode (LED) flashing on the front panel. To display the image again, move the mouse or press a key on the keyboard. It may take up to 3 seconds for the image to reappear.

Appendix A

Power Management

There are four POWER steps for the Power Management System.

1. Normal State: Both H Sync and V Sync are present.
 - Power LED is Green
 - 100% power consumption
2. Stand-by State: Inactive H Sync, Video blanked.
 - Power LED is Yellow
 - < 15W power consumption
 - Response Time Approx. 2 sec
 - Recover to Normal State Receiving the H. Sync.
 - Recovery Time Approx. 0.5 sec
3. Suspend State: Inactive V Sync, Video blanked.
 - Power LED is Yellow
 - < 15W power consumption.
 - Response Time Approx. 2 sec
 - Recovery to Normal State Receiving the V. Sync.
 - Recovery Time Approx. 1 sec
4. Off State: Inactive H&V Sync, Video blanked.
 - Power LED is Amber
 - < 5W power consumption. (110Vmax)
 - < 8W power consumption. (220Vmax)
 - Response Time Approx. 2 sec
 - Recovery to Normal State Receiving the normal Sync.'s
 - Recovery Time Less than 6 sec.