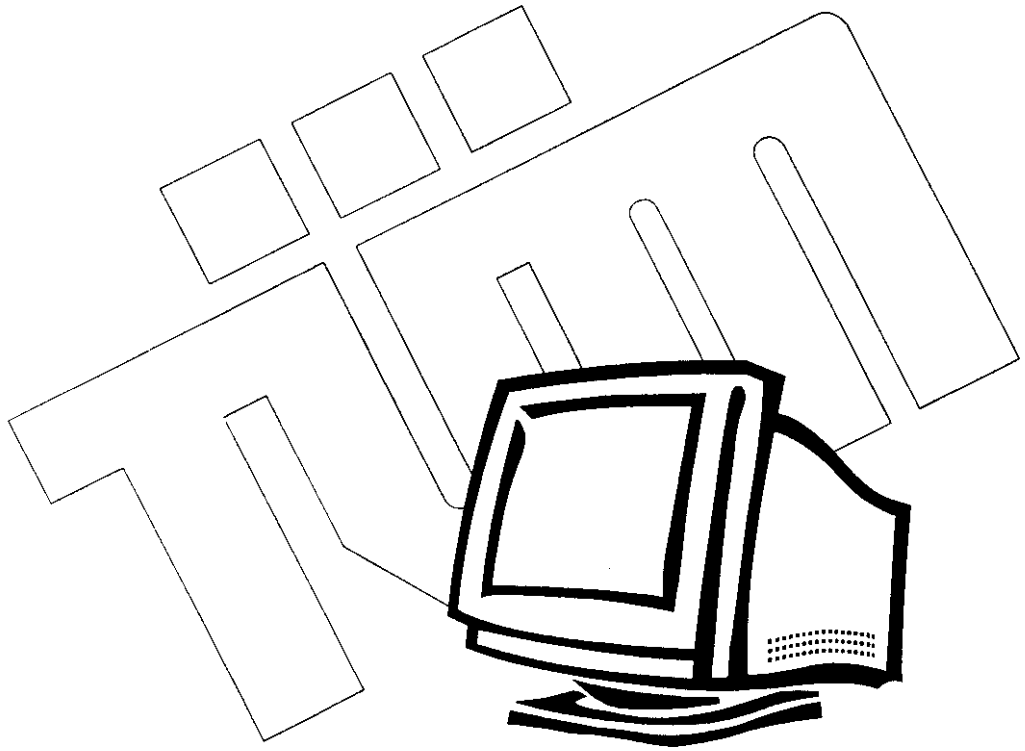
AS6S

User's Manual

DIGITAL FRONT-CONTROL
17" COLOR MONITOR
VIEWABLE SIZE=15.7" (40 cm)



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PRECAUTIONS

1. To prevent electric shock, do not remove screw or power. There are no user-serviceable parts inside the monitor. Service should be done by a qualified service person. Do not remove the tilt/swivel base!
2. The input power source:
   The monitors are designed to be suitable for power line voltage 100 VAC to 240 VAC full range.
3. 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, contact an electrician.
4. Do not put the monitor or other heavy objects on the power supply cord. A damaged power cord may cause fire or electric shock.
5. Do not insert sharp objects into the monitor. They may cause fire or failure.
6. Do not allow liquids to fall into the cabinet.
7. To reduce eye fatigue, avoid using the display in direct sunlight or under bright lights.
8. Do not operate the monitor beyond the specified temperature and humidity range (see specifications).
9. For proper operation, keep the monitor adequately ventilated.
10. Keep the monitor away from strong magnetic fields produced by transformers, motors, fans, or other devices. If you find some parts of the monitor display discolored due to magnetic fields generated by electrical facilities or appliances, turn off the monitor for at least 15 minutes. The degaussing circuit of the monitor will eliminate the discoloration.
11. Do not remove the monitor on its swivel base while the power is on, or it may cause discoloration. If discoloration occurs, follow the above mentioned procedure for adjustment.
12. If the monitor does not operate properly, turn the power switch off and then unplug the monitor.
13. When irregular AC Voltage is applied, a protective circuit will turn off the monitor (the power indicator will also be turned off). If this happens, turn off the power switch, and wait at least 30 seconds before turning it on again.
14. Plug on the power supply cord is used as the disconnect device, the socket-outlet shall be installed near the equipment and shall be easily accessible.

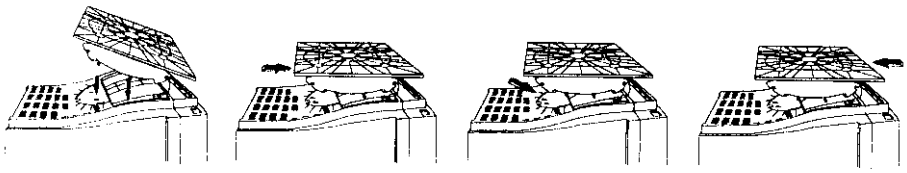
LOADING & UNLOADING THE TILT/SWIVEL BASE

LOADING

1. Align the feet on the optional T/S base with the arrow-marked openings on the bottom of the monitor cabinet.
2. Slide the T/S base in the direction of the front panel until you hear a "Click ". The T/S base is now secured in position.

UNLOADING

Gently press at the clip with one hand, while pulling the T/S base towards the rear of the cabinet with the other hand. The T/S base should now come off of the monitor.

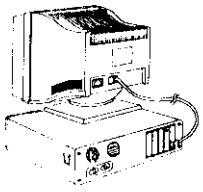


Loading T/S Base

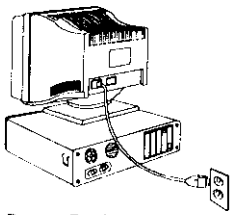
Unloading T/S Base

CONNECTING THE SIGNAL CABLE & THE POWER CORD

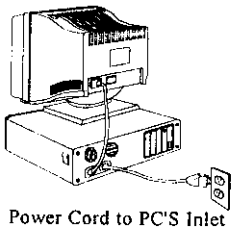
1. Plug the 15-pin signal cable connector into the video signal connection located at the rear panel of the system. Tighten the two screws on the cable connector.
2. Connect the power cord either into a AC outlet or into your computer's inlet. If the AC outlet in your location does not provide for this type of grounding plug, have the proper adapter installed for safe grounding.



Signal Cable between Monitor and PC



Power Cord to AC Outlet



Power Cord to PC'S Inlet

CERTIFICATIONS AND STANDARDS

This monitor has been tested to the following national and international certifications and standards:
ISO 9241-3 (EN29241 part 3), 9241-8
RöV 1987 (Intrinsically CRT)
MPR II (Sweden MPR 1990:8+MPR 1990:10)
UL,C-UL
CB
EPA
EN60950 + ZH 1/618
CE EN50082-1 + EN 55022(Class B)

FEDERAL COMMUNICATIONS COMMISSION (FCC) STATEMENT

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.

Warning Use only shielded cables with ferrite core to connect I/O devices to this equipment.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

CANADIAN DEPARTMENT OF COMMUNICATIONS COMPLIANCE STATEMENT

This equipment does not exceed Class B limits per radio noise emissions for a digital apparatus, set out in the Radio Interference Regulation of the Canadian Department of Communications. Operation in a residential area may cause unacceptable interference to radio and TV reception requiring the owner or operator to take whatever steps necessary to correct the interference.

AUTOMATIC POWER SAVING DESCRIPTION

INTRODUCTION

"Green Concept" has been prevailing through out the information market of the world these years. EPA (Environmental Protection Agency) stipulates that all information products sold to United States should meet the requirement of environmental protection.
Also, VESA (Video Electronics Standard Association) DPMS compliant is provided for energy efficient operation. Below are the description.

Features

1. When monitor is powered on without connecting signal cable to PC or monitor powered on after connecting to a powered off PC, monitor will be at free run mode.
2. When monitor signal cable is connected to a powered on PC, it will stay at On state until PC is switched to power saving mode or PC is powered off. At this case monitor automatically transfers to power saving mode.
3. When PC is recovered from power saving mode, (by touching keyboard, mouse etc.) monitor will be recovered to normal operation.

Caution: Power saving is applicable only if your PC provides this function.

Power Consumption

1. Power is reduced to less than 30W at power saving mode and meet United States "EPA" energy star requirement.
2. To comply with VESA power saving standard, power is reduced to less than 25W at suspend/ standby modes and is less than 5W at sleep mode.

(***Note*** : DPMS is a Display Power Management Signalling standard proposed by VESA committees.)

USER CONTROL

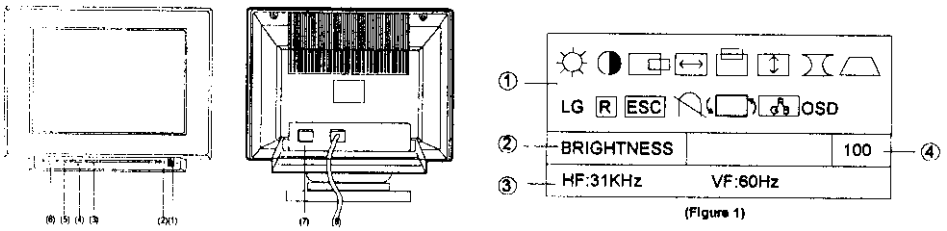
1. **Power Switch**
   This turns the power on and off. Press to turn the power on, press again to turn the power off.
2. **Pilot LED**
   When the power is turned on, the light is green; when the unit goes into standby or suspend modes, the light turns to amber; when the unit goes into off mode, the light flashing.

3.4. Operator Key

These keys are used for screen adjustment. Detail explanation as shown below (figure1).

① Adjustment menu icons, sequentially by pressing◄ or► keys, the icon selected is red in color.
② The item presently being adjusted shown.
③ This displays input synchronization signal frequency.
④ The adjustment level by pressing ⊕ or ⊖ keys.

5. **AC Inlet**
   Connect the power cord.
6. **Video Cable**
   To the computer video output.



(Figure 1)

Symbol	Function	Process
☼	Brightness	controls the picture brightness
◐	Contrast	controls the picture contrast
⊏⊐	Horizontal position	controls the horizontal position
↔	Width	sets the picture width
⊟	Vertical position	controls the vertical postion
↕	Height	sets the picture height
⌶	Pincushion	eliminates pincushion distortion
⏢	Trapezoid	eliminates trapezoid distortion
↻	Rotation	corrects a crooked image
LG	Language	selects the desired language
R	Recall	recalls factory preset values
ESC	Escape	switches off the OSD menu; any changed settings will be stored
⌒	Degauss	degausses the monitor
R G B	Color temperature	control the color temperature *(see Note1)*
OSD	OSD menu control	control the position, dimension and color of OSD menu *(see Note2)*

Note1:

1.When selected, sub-list of control item will be shown in OSD windows.
2.Activate sub-list selection by pressing ⊕ or ⊖ keys.
3.Select target icon by pressing ◀ or ▶ keys.
4.If 9300 is selected, press ⊕ or ⊖ to recall 9300 color temperature.
5.If 6500 is selected press ⊕ or ⊖ to recall 6500 color temperature.
6.If RGB is selected, press ⊕ or ⊖ to set color temperature value for user's preference.
7.If ESC is selected, exit from color temperature sub-list.

Note2:

1.When OSD is selected, a sub-list of control items will be shown in OSD windows.
2.Active sub-list selection by pressing ⊕ or ⊖ keys.
3.Select target item by pressing ◀ or ▶ keys.
4.when selected, move OSD windows position horizontally by pressing ⊕ or ⊖ keys.
5.When selected, move OSD windows position vertically by press ⊕ or ⊖ keys.
6.When Wx(x:1,2,3,4) select, adjust window size by pressing ⊕ or ⊖ keys.
7.When Cx(x:from 1 to 35), select OSD windows color by pressing ⊕ or ⊖ keys.
8.When R selected, recall default seting for OSD windows
9.When ESC selected, exit from OSD windows setting.

SPECIFICATIONS

Product Name		AS6S
CRT	**Size, Dot Pitch**	17", 0.27mm
	Viewable Size	15.7" (40 cm)
	Phosphor	Medium-short Persistence P22
Video Input		Analog 0.7Vp-p/75 Ohm, positive
Sync. Input		Hor. & Ver. TTL Separated Positive or Negative
Bandwidth(MHz)		100
Data Area(mm)		300x225
Resolution		640x350/70Hz 720x400/70Hz 640x480/60,72,75,85Hz 800x600/56,60,72,75,85Hz 1024x768/43.5,60,70,75,85Hz 1280x1024/60Hz Non-interlaced
Hor. Freq.(KHz)		30-69
Ver.Freq.(Hz)		50-120
Power Supply		AC100V-240V Auto 1.5A 60Hz/50Hz
Power Consumption		85W
Degaussing		Line operated (Automatically)
User Controls		Power switch,Brightness,Contrast, V.Center,V.Size,H.Phase,H.Width Pincushion,Trapezoid,Degaussing,Recall, Rotation, Color temperature.
MPR II		YES
Weight (net)		17.5Kg
Dimensions(w/base) WxHxD(mm)		410x413x430
Operating Temp.		0-40°C
Humidity		20-80%
Connector		15-pin D-type male connector

*specifications subject to change without notice.

TÜV®

The Professional Monitor Company.

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Rev.00