

answers²

Betriebsanleitung / Operating Manual

SCALEOVIEW C17-7

English, French, German, Spanish, Italian



SCALEOVIEW C17-7

Note on mounting a swivel arm or a wall bracket

For instructions on how to mount the swivel arm or wall bracket, please see the documentation for the swivel arm or wall bracket.

Only operating the monitor in the standard position (4:3, wide format, landscape mode) is allowed.

Remarque concernant le montage du bras pivotant ou du support mural

Pour les instructions concernant le montage du bras pivotant ou du support mural, veuillez vous reporter à la documentation du bras pivotant ou du support mural.

Lorsque le moniteur est en position standard (4:3, format large, mode paysage) est permis.

Hinweis zur Montage eines Schwenkarms oder einer Wandhalterung

Wie Sie Schwenkarm bzw. Wandhalterung montieren, entnehmen Sie bitte der Dokumentation des Schwenkarmes bzw. der Wandhalterung.

Es ist nur erlaubt den Bildschirm in der Standardposition zu betreiben (4:3, Breitformat, Landscape-Modus).

Nota sobre el montaje de un brazo basculante o un soporte de pared

Para las instrucciones sobre cómo montar el brazo basculante o el soporte de pared, consulte la documentación correspondiente.

El monitor sólo se puede utilizar en la posición estándar (4:3, formato ancho, modo paisaje).

Nota sul montaggio dei bracci mobili o delle staffe a parete

Per istruzioni su come montare un braccio mobile o le staffe a parete si faccia riferimento alla relativa documentazione.

È consentito l'uso del monitor solo nella posizione normale (4:3, formato wide, modalità paesaggio).



Analog LCD Monitor

SCALEOVIEW C17-7 User's Manual

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Safety notes

This device complies with the relevant safety regulations for data processing equipment, including electronic office machines for use in an office environment. If you have any questions, contact your sales outlet or our help desk.

- The display surface of the LCD monitor is sensitive to pressure and scratches. You should therefore be careful with the display surface so as to avoid lasting damage (Newton rings, scratches).
- If the device is brought into the installation site from a cold environment, condensation can form. Before operating the device, wait until it is absolutely dry and has reached approximately the same temperature as the installation site.
- To ensure sufficient ventilation, the intake and exhaust air openings of the monitor must never be blocked.
- The monitor automatically sets itself to a mains voltage in the range of 100 V to 240 V. Ensure that the local mains voltage lies within these limits.
- Ensure that the power socket on the device or the grounded mains outlet is freely accessible.
- The ON/OFF switch does not disconnect the device from the mains voltage. To completely disconnect the mains voltage, remove the power plug from the socket.
- The monitor is equipped with a power cable that complies with safety standards.
- No data transfer cables should be connected or disconnected during a thunderstorm.
- Make sure that no objects (e.g. jewellery chains, paper clips, etc.) or liquids get inside the device (danger of electric shock, short circuit).
- The device is not waterproof! Never immerse the device in water and protect it from spray water (rain, sea water).
- In emergencies (e.g. damaged casing, elements or cables, penetration of liquids or foreign matter), switch off the unit, disconnect the power plug and contact your sales outlet or our help desk.
- The monitor must be disposed of in accordance with the local regulations for disposal of special waste. The screen background lighting contains mercury. You must observe the applicable handling and disposal safety regulations for fluorescent tubes.
- Only qualified technicians should repair the device. Unauthorised opening and incorrect repair may greatly endanger the user (electric shock, fire risk).
- Use a screen saver with moving images and activate the power management for your monitor to prevent still images from "burning in".
- Store this manual close to the device. If you pass the device on to third parties, you should pass this manual on with it.

Power cable

To guarantee safe operation, use the cable supplied. Use the following guidelines if it is necessary to replace the original cable set.

- The female/male receptacles of the cord set must meet IEC60320/CEE-22 requirements.
- The cable has to be HAR-certified or VDE-certified. The mark HAR or VDE will appear on the outer sheath.
- For devices which are mounted on a desk or table, type SVT or SJT cable sets may be used.
For devices which sit on the floor, only SJT type cable sets may be used.
- The cable set must be selected according to the rated current for your device.
- If necessary, replace the original power cable with a regular grounded 3-core mains lead.

Transport

- Transport the monitor with care and only in its original packaging or another corresponding packaging fit to protect it against knocks and jolts.
- Never drop the LCD monitor (danger of glass breakage).

CE marking



The shipped version of this device complies with the requirements of the EECdirectives 89/336/EEC "Electromagnetic compatibility" and 73/23/EEC "Low voltage directive".

FCC Compliance 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 radio frequency interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception (this can be determined by turning this 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 this equipment and the receiver.
- Connect this equipment to an outlet on a circuit different from which the receiver is connected to.
- Consult the dealer or an experienced radio/TV technician for help.

Caution:

To comply with the limits for an FCC Class B computing device, always use the shielded signal cable supplied with this unit.

Caution to the user:

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

Notice of Compliance Canadian Interference-causing Equipment Regulations

DOC Compliance Notice:

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

DOC Avis de Conformation

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicable aux appareils numériques de la class B prescrites dan le Règlement sur le brouillage radioélectriques édicté par le ministère des Communications du Canada.

INTRODUCTION

Congratulations for purchasing model SCALEOVIEW C17-7, a high performance 17-inch color TFT LCD monitor. SCALEOVIEW C17-7 monitor provides flicker-free and color images at optional resolutions. Through this user guide, we will introduce you step-by-step all the features, functions and technical specifications of the LCD monitor. Surely you will have a refreshing experience working with the monitor.

FEATURES

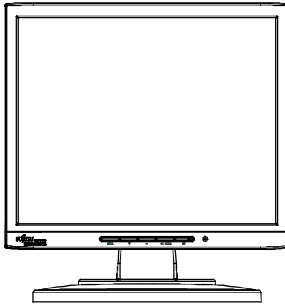
The SCALEOVIEW C17-7 is a 17-inch TFT LCD monitor that is intelligent, microprocessor-based and ergonomically designed display, compatible with most analog RGB (Red, Green, Blue) display standards, including PS/V, PS/2. The LCD monitor is capable of displaying crisp and vibrant color graphics with VGA, SVGA, XGA, SXGA (non-interlaced).

- The monitor is able to properly function even in case of upgrade video cards or software because of the wide auto-scanning compatibility range without requiring to buy a new monitor.
- The internal microprocessor digitally controls auto-scanning. For horizontal scan frequencies between 30 KHz and 81 KHz, and vertical scan frequencies between 55 Hz and 76 Hz. In each frequency mode, the microprocessor-based circuitry allows the monitor to function at the precision-of a fixed frequency.
- The resident memory allows for storing factory default settings and also additional user adjustment parameters.
- The maximum resolution achievable is SXGA (1280 x 1024), best suited for Windows applications
- The compact and sleek cabinet design saves lot of your desk space and makes your desk look neat and tidy.
- The monitor is also compliant with the most stringent environmental scheme of TCO 99. In this scheme, no environmental harmful substances are used during the entire manufacturing process.

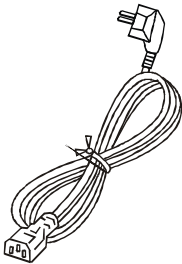
UNPACKING

Please check the following items are present when you unpack the box, and save the packing materials in case you will need to ship or transport the monitor in future.

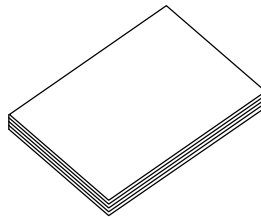
- LCD Monitor



- AC Power Cord
(European Schuko type)



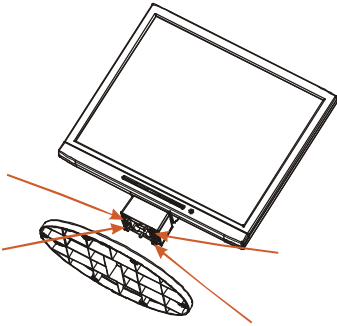
- User Manual



Attaching / Removing the Base

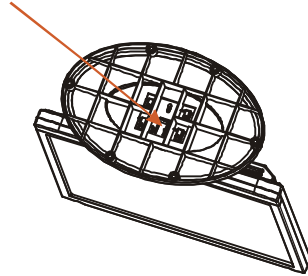
Install:

Align the four hooks on the bottom of the monitor with the corresponding slots on the bottom of the base.



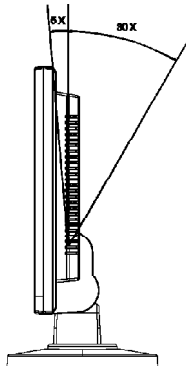
Remove:

Depress the hook as indicated first before removing the base and follow the arrow direction to remove it.



SCREEN POSITION ADJUSTMENT

In order to optimize the best viewing position, you can adjust the tilt of the monitor by using both of your hands to hold the edges of the monitor as shown in the figure below. The monitor can be adjusted to 30 degrees up or 5 degrees down as indicated by arrow below.



CONNECTING THE POWER CORD

- Check first to make sure that the power cord you use is the correct type required for your area.
- This monitor has a universal power supply that allows operation in either 100/120V AC or 220/240 V AC voltage area. No user-adjustment is required.
- Plug one end of the power cord to the AC Inlet, plug another end to a proper AC outlet.
- For unit using at 120 V AC:
Use a UL Listed Cord Set, Type SVT wire and plug rated 10 A/125 V.
- For unit using at 220/240 V AC (outside of U.S.):
Use a Cord Set consisting of H05VV-F cord and plug rated 10 A, 250 V. The cord set should have the appropriate safety approvals for the country in which the equipment will be installed.

SAFETY PRECAUTION

- *Avoid placing the monitor, or any other heavy object, on the power cord to avoid damage to the cable.*
- *Do not expose the monitor to rain, excessive moisture, or dust.*
- *Do not cover the ventilation slots or openings of the monitor. Always put the monitor in a place where there is adequate ventilation.*
- *Avoid placing the monitor against a bright background or where sunlight or other light sources may reflect on the face of the monitor. Place the monitor just below eye level.*
- *Handle with care when transporting the monitor.*
- *Refrain from giving shock or scratch to the screen, as screen is fragile.*

CLEANING YOUR MONITOR

Please carefully follow the below guidelines when cleaning the monitor.

- Always unplug the monitor before cleaning.
- Use a soft cloth to wipe the screen and cabinet front and sides.
- Apply a small quantity of alcohol to a soft cloth to clean the monitor screen, if requires more than dusting.

PRESET MODES

To reduce the need for adjustment for different modes, the monitor has default setting modes that are most commonly used as given in the table below. For optimum adjustment, the user is suggested to perform the Auto Setup under Windows “Full Screen” pattern. If the mode in use does not match one of the defaults, the user can store their preferred modes in the user modes. The monitor is capable of storing up to 9 user modes. The only condition to store as a user mode is the new display information must have 1 KHz difference for horizontal frequency or 1 Hz for vertical frequency or the sync signal polarities are different from the default modes.

Mode	Resolution				H. Freq. (KHz)	Band Width (MHz)	Polarity	
							H	V
1	VGA	720 x 400	70	Hz	31.47	28.322	-	+
2	VGA	640 x 480	60	Hz	31.47	25.175	-	-
3	VESA	640 x 480	75	Hz	37.50	31.5	-	-
4	VESA	800 x 600	60	Hz	37.88	40	+	+
5	VESA	800 x 600	75	Hz	46.88	49.5	+	+
6	VESA	1024 x 768	60	Hz	48.36	65	-	-
7	VESA	1024 x 768	75	Hz	60.02	78.75	+	+
8	VESA	1280 x 1024	60	Hz	64	108	+	+
9	VESA	1280 x 1024	75	Hz	80	135	+	+

POWER SAVING

The monitor will be driven into “Power Saving” mode by the control signal from the display controller, as indicated by the amber-color power LED.

State	Power Consumption	LED Light
ON	Normal	Blue
Active OFF	< 2 W	Amber

The power saving states will be kept until a control signal has been detected or the keyboard or mouse is activated. The recovery time from Active OFF state back to ON state is around 3 seconds.

DDC

To make your installation easier, the monitor is able to Plug and Play with your system if your system also supports DDC protocol. The DDC (Display Data Channel) is a communication protocol through which the monitor automatically informs the host system about its capabilities, for example, supported resolutions and corresponding timing. The monitor supports DDC2B standard.

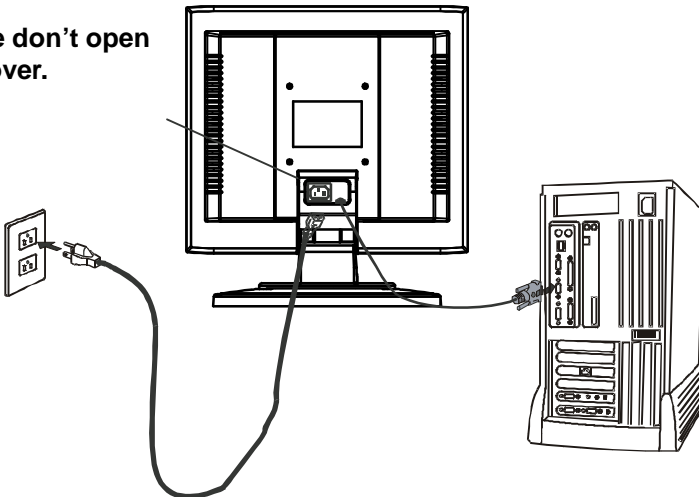
INSTALLATION

To install the monitor to your host system, please follow the steps as given below:

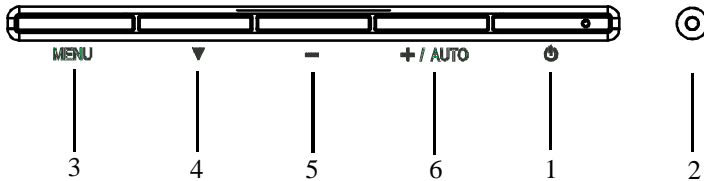
Steps

1. Connect Video Cable
 - a. Make sure both the monitor and computer are powered-OFF.
 - b. Connect the video cable to the computer.
2. Connect power cord
Connect the power cord to the monitor, then to a properly grounded AC outlet.
3. Power-ON Monitor and Computer
Power-ON the monitor first, then power-ON the computer.
This sequence is very important.
4. If the monitor still does not function properly, please refer to the troubleshooting section to diagnose the problem.

**Please don't open
the Cover.**



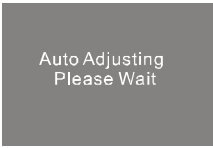
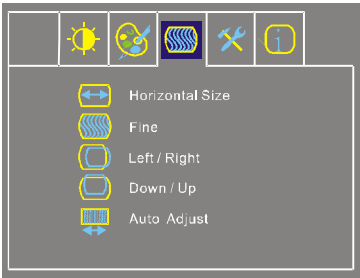
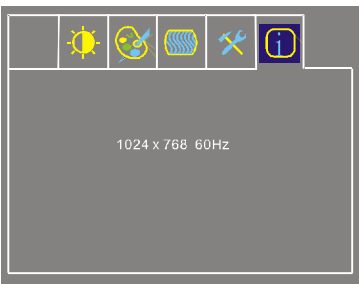
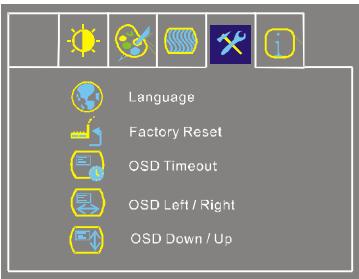
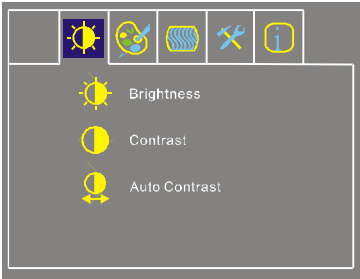
USER CONTROLS



Front Panel Controls

1. Power Switch: To turn ON or OFF the power.
2. Power LED: Lights up to indicate the power is turned ON.
3. Select MENU: To exit and enter OSD menu.
4. Select ▼ : To move downward in the OSD Item.
5. -: To decrease the value of the parameter in the OSD, which has been selected for adjustment.
-: Choose the previous OSD MENU page.
6. +: To increase the value of the parameter in the OSD, which has been selected for adjustment.
+: Choose the next OSD MENU page.
AUTO: Act as AUTO adjustment hot key when OSD is not displayed.

Basic Sections of a OSD Screen



Standard OSD Operation

1. Press **MENU** key to activate the OSD menu, when OSD is not displayed.
2. Use Select ▼ key to move down through the menu cyclically. The parameter will be highlighted when selected.
3. Then use + or - to increase or decrease the value of the parameter, or make selection between different options.
4. To quit the OSD screen at any time during the operation, press **MENU** key. If no keys are pressed for a time period, the OSD automatically disappears.
5. When OSD is not displayed, press + key to start Auto-Adjust.

OSD Function Description



• Brightness

To increase or decrease the brightness.



• Contrast

To increase or decrease the contrast.



• Auto Contrast

Press “+” key to start auto analog contrast.



• Color Temperature

Press “-” or “+” to select 5000, 6500, 7500, 8200, 9300 and USER. Only when selecting USER, you can make adjustments to the R/G/B content, otherwise not.



• Horizontal Size

To increase or decrease the size of image.



• Fine

To increase or decrease the snow noise of the image.



• Left/Right

To move the screen toward left or right.



• Down/Up

To move the screen upward or downward.



• Auto-Adjust

Press “+” to turn on this function. The Auto-Adjust will automatically adjust V-Position, H-Position, Clock, and Clock-Phase, the whole process takes about 4 seconds.



• **Language**

Select among English, French, Italian, German and Spanish.



• **Factory Reset**

To return the monitor to its default settings.



• **OSD Time Out**

To adjust the period of OSD auto turn-off time.



• **OSD Left/Right**

To move the OSD position horizontally on the screen.

When the “+” key is pressed, the OSD control menu will move to the right side of the screen. Likewise when the “-” key is pressed, the OSD control menu will move to the left side.



• **OSD Down/Up**

To move the OSD position vertically on the screen.

When the “+” key is pressed, the OSD control menu will move to the up side of the screen. Likewise when the “-” key is pressed, the OSD control menu will move to the lower side.



• **Information**

Indicates the current resolution, H-Frequency, and V-Frequency.

TROUBLESHOOTING

Before sending your LCD monitor for servicing, please check the troubleshooting list below to see if you can self-diagnose the problem.

Problems	Current Status	Remedy
No Picture	LED ON	<ul style="list-style-type: none"> Using OSD, adjust brightness and contrast to maximum or reset to their default settings.
	LED OFF	<ul style="list-style-type: none"> Check the power switch.
		<ul style="list-style-type: none"> Check if AC power cord is properly connected to the monitor.
	LED displays amber color	<ul style="list-style-type: none"> Check if video signal cable is properly connected at the back of monitor.
		<ul style="list-style-type: none"> Check if the power of computer system is ON.
Abnormal Picture	Unstable Picture	<ul style="list-style-type: none"> Check if the specification of graphics adapter and monitor is in compliance which may be causing the input signal frequency mismatch.
	Display is missing, center shift, or too small or too large in display size	<ul style="list-style-type: none"> Using OSD, adjust RESOLUTION, CLOCK, CLOCK-PHASE, H-POSITION and V-POSITION with non-standard signals.
		<ul style="list-style-type: none"> Using OSD, in case of missing full-screen image, please select other resolution or other vertical refresh timing.
		<ul style="list-style-type: none"> Wait for a few seconds after adjusting the size of the image before changing or disconnecting the signal cable or powering OFF the monitor.

SPECIFICATION

Model Name	K17AN
Type No.	SCALEOVIEW C17-7
LCD Display	
Display Type	17" TFT LCD
Display Area (H x W)	337.9 x 270.3 mm
Power Input	
Voltage	100-240Vac
Frequency	50-60Hz
Current Rating	0.9A
Operational Features	
Display Colors	16.2M
Resolution	SXGA (1280 x 1024) at 75 Hz maximum.
Interface	Analog RGB
Input Connector	15-pin D-sub
Users Controls	
Front Panel Controls	Power On/Off, MENU, Select DOWN(▼) , Value (+/ -), AUTO
OSD Controls	Brightness, Contrast, Auto Contrast, Color Temperature, Horizontal Size, Fine, Left/Right, Down/Up, Auto-Adjust, Language, Factory Reset, OSD Time Out, OSD Left/Right, OSD Down/Up, Information
Physical Specification	
Dimension (H x W x D)	396 x 374 x 197.6 (mm)
Net Weight	4.8 Kg

Power	
Power Saving	Yes
Power Consumption	35 W (Max.)
Regulation	
Safety & EMI	UL, CUL, TUV-GS, TUV-Ergonomics, FCC-B, CE, TCO99 (Optional)

* All specifications are subject to change without notice.