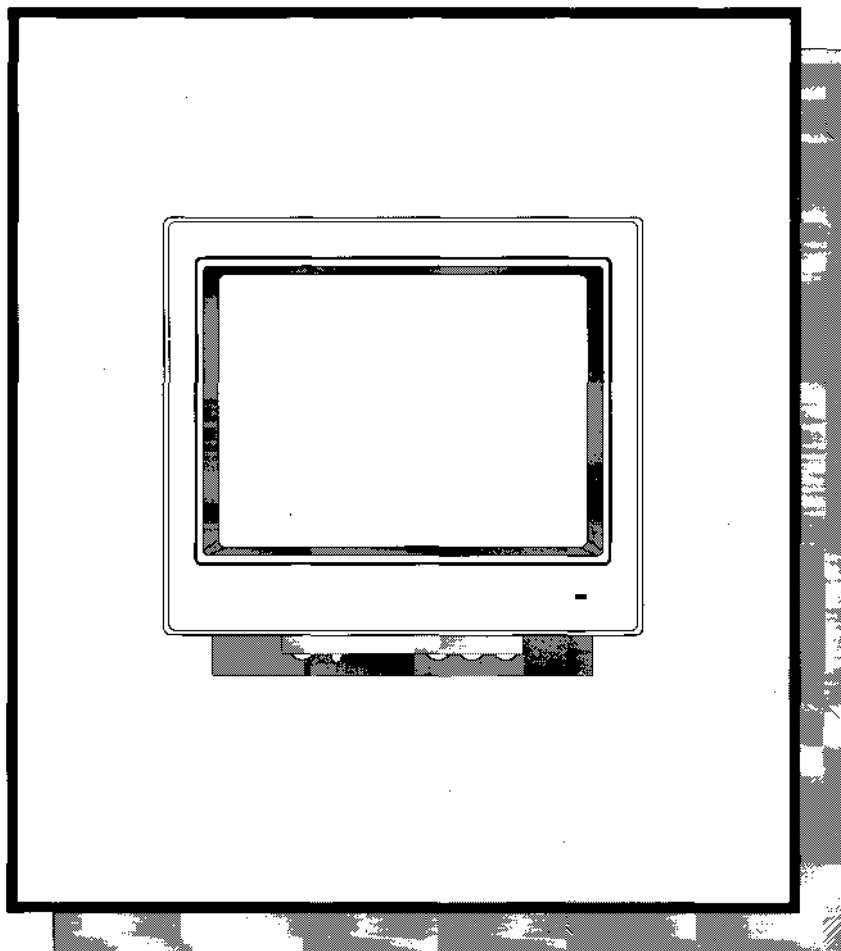


COLOUR MONITOR

USER GUIDE



AKF 30/40

Acorn 

English

Operating Instructions Attention!

Page 1-6

- Always open this flap page first.

Deutsch

Bedienungsanleitung Achtung!

Seite 7-11

- Immer zuerst dieses Umschlagblatt Offnen.

Francais

Mode d'emploi

Page 12-16

- Attention!**
- Commencez toujours par ouvrir ce rabat.

Italiano

Istruzioni per l'uso

Pagina 17-21

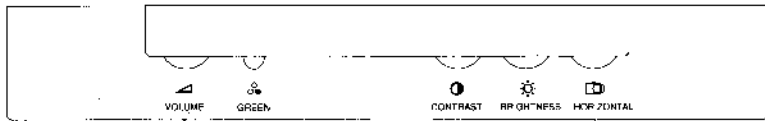
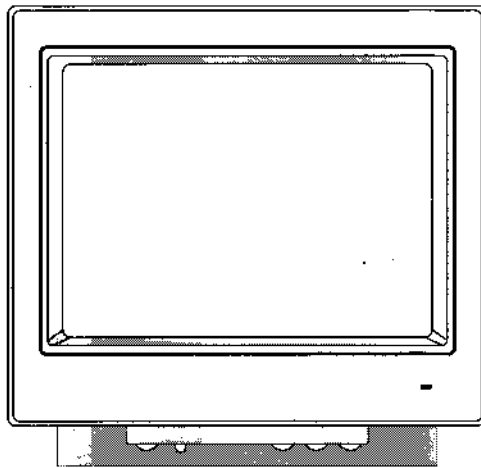
- Attenzione!**
- Aprire sempre prima questa pagina peighevole.

Espanol

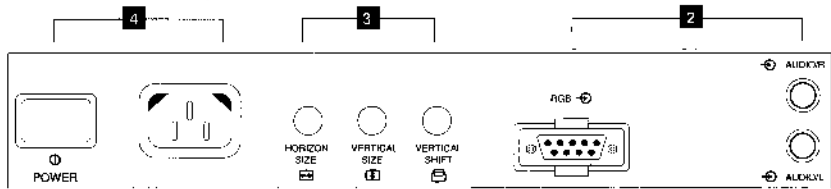
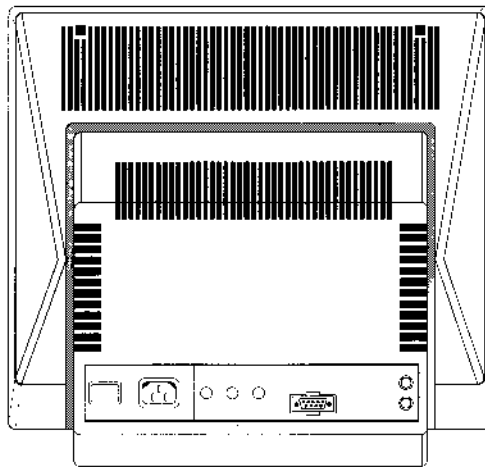
**Instrucciones
de manejo**

Pagina 22-26

- AtenciOn!**
- Abrase siempre antes que nada esta pagina.



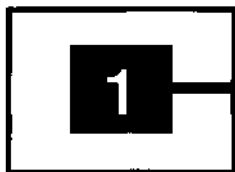
1



Introduction

This guide covers the AKF 30 and AKF 40 monitors, the only difference being cabinet colour.

This colour monitor is suitable for use with the Acorn range of 32 bit computers using either the RISC OS or RISC IX operating systems. These computers have analogue RGB video output.



The drawings in the text are accompanied by figures, e.g. 1 . These correspond to the figures on the fold-out flap. This enables you easily to find the corresponding buttons on the monitor.

Information for users in the UK

(not applicable outside the UK)

Service for you

The legal responsibility for meeting any in~guarantee service needs for your monitor rests with the dealer from whom you bought it. If your dealer has no service facilities, he can arrange for any work to be carried out by a competent third party organisation.

For further information, please refer to the guarantee card supplied with the product.

Connection to the mains

Your new monitor is designed to operate from an a.c. mains supply of 220-240 volts, 50 Hz. Stabilising circuits ensure satisfactory performance within normal supply variations.

WARNING: THIS APPARATUS MUST BE EARTHED.

Important: The wires in the mains lead for the apparatus are coloured in accordance with the following code:

Green and yellow:	Earth
Blue:	Neutral
Brown:	Live

If the socket outlet available is not suitable for the plug supplied, either a different lead should be obtained or the plug should be cut off and the appropriate plug fitted and wired

as noted below. The moulded plug which was cut off must be disposed of as it would be a potential shock hazard if it were to be plugged in with the cut off end of the mains cord exposed. As the colours of the wires may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green and yellow must be connected to the terminal in the plug which is marked by one of the following: the letter E, the safety earth symbol, the colour green, or the colour green and yellow.

The wire which is coloured blue must be connected to the terminal which is marked with the letter N, or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L, or coloured red.

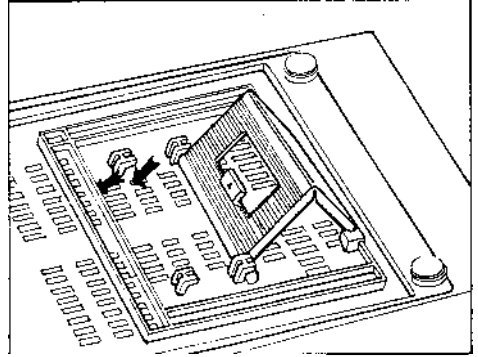
Installation

Positioning/Ventilation

WARNING: WHEN POSITIONING THIS EQUIPMENT ENSURE THAT THE MAINS PLUG AND SOCKET ARE EASILY ACCESSIBLE.

Do not place the monitor near a source of heat. To prevent overheating, ensure that the ventilation openings of the monitor are not covered.

Movable Support



The movable support at the bottom of the monitor provides three different viewing angles (5, 10, 15 degrees) of the monitor to the user.

First put the monitor leftside down. Pull up the support then click it to either hook for preferred viewing angle.

For Tilt and Swivel fitting instructions see fold out sheet at rear of guide.

Connection to the Mains



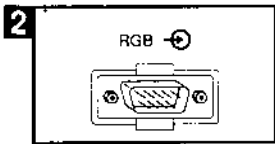
You can connect the monitor to a mains voltage of between 220 and 240 V. If the mains voltage in your home is different from this, please consult your dealer.

Connect one end of the mains lead to the mains socket at the back of the monitor, and the other end to the mains supply.

Connection to the Computer

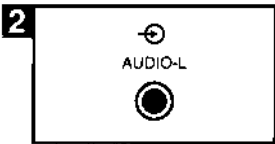
(on the rear)

NOTE: Please be sure to turn off the AC power to your computer before connecting or disconnecting any peripheral.



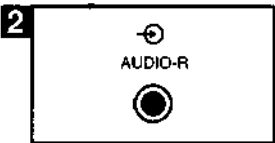
RGB connector: 9-pin D-shell

- To be connected to your computer with a 9-pin D-shell signal cable for analog RGB signal input.



AUDIO-L connector

- To be connected for single sound signal input.

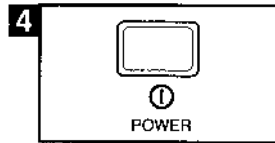


AUDIO-R connector

- To be connected for the second sound signal input for stereo sound reproduction.

Adjustment

Switching on/off (on the rear)



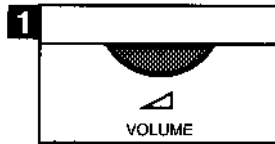
Switching on (1)

- Press button 0 LED lights up

Switching off (1)

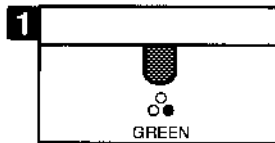
- Press button again.

If necessary, you can make the following adjustments to obtain an optimum picture quality.



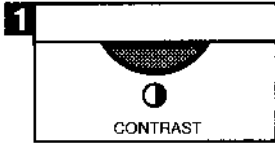
VOLUME (triangle symbol)

- Adjust volume with knob .



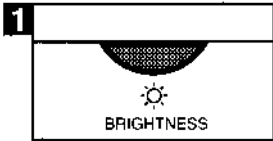
Green (green symbol) switch

- Used to produce a screen that imitates a green monochrome monitor to improve the legibility in text processing.



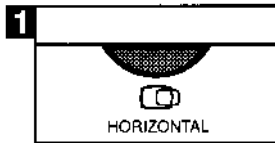
CONTRAST

- Adjust contrast with knob 0 .



BRIGHTNESS

- Adjust brightness with knob.



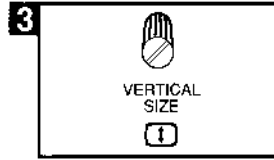
HORIZONTAL

- Used to adjust the image horizontally from left to right.



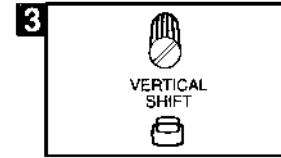
HORIZON. SIZE

- Used to adjust the image width on the screen.



VERTICAL SIZE

- Used to adjust the image height on the screen.



VERTICAL SHIFT

- Used to center the image vertically from top to bottom.

If the picture is not as desired, check whether all controls are in the correct positions.

Safety Precautions and Maintenance

- The rear panel should only be removed by a service technician.
- If necessary, clean with a slightly damp cloth. Do not use alcohol or ammonia based products.
- Keep the apparatus at a room temperature of 5-35° C (41-95° Fahrenheit) and a relative humidity of 15-90% (non-condensing).
- Avoid sudden extremes in temperature, exposure to direct sunlight, heat sources (such as an electric fan heater) or rain.
- Make sure that the equipment is standing on a suitable rigid horizontal flat surface, allowing enough space for air to circulate when it is in use.
- Ensure that wires and cables are routed sensibly so that they cannot be snagged or tripped over. Don't tug or twist any wires or cables, or use them to hang or lift any of the units.
- DON'T spill liquids on the machine. If liquid does spill, turn the machine off immediately and take it to your supplier for assessment.
- DON'T drop the equipment or subject it to excessive bumping and jarring.
- DON'T obstruct or poke objects through the ventilation openings in the casing.

Technical Information

I) General:

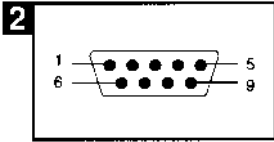
Picture tube	: 14", dark glass, 90° deflection, dotted pitch 0.39mm, 29.1mm neck diameter.
Line frequency	: 15625 Hz
Raster frequency	: 50/60 Hz
Stereo audio output	: 1 watt 5% distortion
Resolution	: 640 pixels x 256 lines
Character	: 2000 (80 x 25 lines)
Mains Voltage	: 220 - 240 VAC
Power consumption	: 75 Watt typical
Dimensions (H x W x D)	: 326 x 352 x 376 mm
Weight	: 11 kg

II) Input signal:

Analog RGB	: 0.7 Vpp/75 Ohm
Stereo audio input	: 177 mV/10 K Ohm

III) Pin assignment:

The functions of the 9-pin D-shell connector are as the following:



<u>Pin no.</u>	<u>Assignment</u>
1	Blue
2	Green
3	Red
4	Ground
5	Ground
6	
7	
8	Composite Sync.
9	-□

In support of our policy of continuous product improvement, the above specifications are subject to change without notice.

