

AKF 12

Introduction

This colour monitor is suitable for use with home and personal computers equipped with an RGB output socket.

Especially for UK

Service for you

Your monitor has been designed and manufactured to the highest standards, and subject to rigorous testing. Provided it is properly operated and maintained it will perform well for many years. However, we **all** know that in such complex equipment components can sometimes fail.

The dealer who supplied your monitor should be consulted if any claim under warranty should become necessary. If your dealer has no service facilities, he can arrange for any work to be carried out by a competent third party organisation. In any event you may expect speedy attention to restore your set to full working order without delay.

Free service for 12 months:

The dealer from whom the monitor was purchased will arrange for any defect in manufacture or material to be rectified without charge for a period of 12 months

from the date of initial consumer sale provided:

- (1) reasonable evidence is supplied that the monitor was purchased within 12 months prior to the date of the claim.
- (2) the defect is not due to use of the monitor on an incorrect voltage or contrary to the Company's Operating Instructions or to accidental damage (whether in transit or otherwise); misuse; neglect; unauthorised or inexpert modification, or repair:

Service after 12 months:

Continuing service after 12 months is available in the same way but the service will be chargeable.

These statements do not affect your statutory rights as a consumer:

Connection to the mains

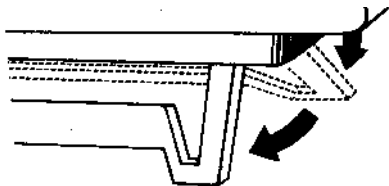
Your new monitor is designed to operate from an a.c. mains supply of 220-240 volts, 50 Hz. Stabilising circuits ensure satisfactory performance within normal supply variations. The monitor is fitted with a mains cable with a 3-pin plug that should be connected to your computer: See the instructions for your computer. The plug of the monitor should be easily accessible at all times.

Positioning/Ventilation

In order to prevent overheating, ensure that the ventilation openings in the monitor are not covered.

The monitor should not be placed near a source of heat nor on a soft surface since this would block the ventilation slots on the bottom.

Movable support



You can tilt the monitor into a convenient position with regard to the computer by using the movable support.

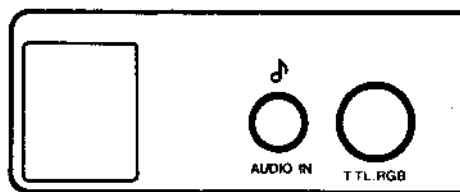
Connection to the mains

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

Connections to a computer

Your monitor is equipped with connectors for input of RGB video and audio signals. Each connector is marked with its function.

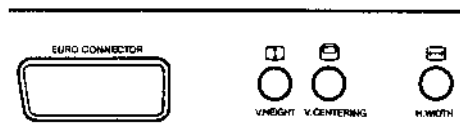
Connections (rear panel)



AUDIO IN (Phono type)

For connection of a signal source with a sound (audio) signal output. Your computer may not have an audio output to make use of this facility.

TTL RGB input (8 pin DIN type 270°) For connection of a computer with a TTL RGB output with separated synchronisation (TTL level).



RGB linear + Audio input (Euroconnector type)

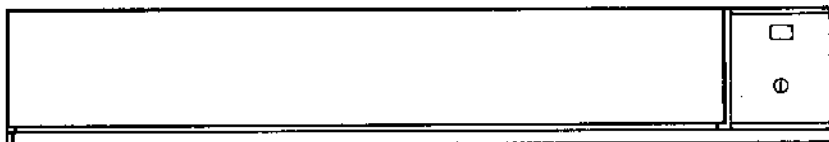
For connection of a computer or certain other type of video equipment with a linear RGB output on the Euroconnector.

Remark:

If you connect both RGB inputs simultaneously the TTL RGB input automatically has priority over the linear RGB input.

After switching off or removing the connection cable from the TTL source, RGB linear will be looped in.

Operation



Switching on O

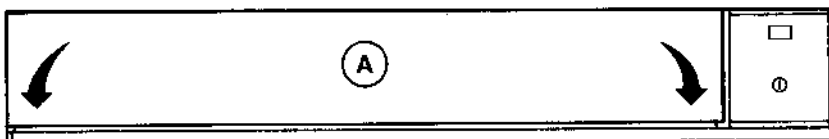
- Press button O (LED lights up).

Switching off O

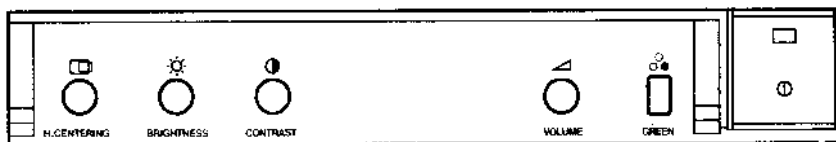
- Press button O again.

Picture and sound controls

For an optimum adjustment of the video and audio input signals various controls are available.

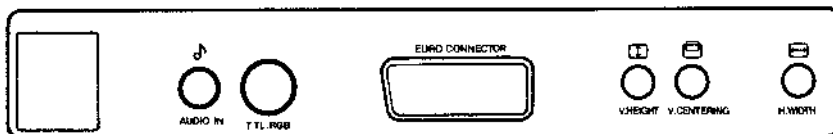


- Open flap (A).



- The image may be positioned horizontally with knob (C)
- Adjust brightness with knob (B)
- Adjust contrast with knob (A).
- Adjust volume with knob (D)
- With button (E) you can switch to green letters (used with text processing).

Controls (rear panel)



- The image height can be adjusted with knob (Ca)
- The image may be positioned vertically with knob (e).
- The image width can be adjusted with knob (s).

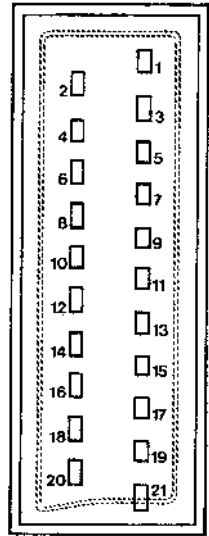
Technical specifications*

Picture tube	: 14 inch, in-line slotted, pitch 0.42 mm
Deflection	: 90°
Monitor input sockets for RGB signals	
1) Euroconnector	: RGB linear (see specification)
2) DIN connector	: RGB TTL (see specification)
Monitor input sockets for audio signals	
1) Euroconnector	J 150 mV - 2 Vrms
2) Phono connector	1 Impedance: 10 kOhm
Resolution	: 600 lines in centre
Characters	: >2000 characters (80 x 25)
Raster frequency	: 50/60 Hz
Line frequency	: 15625 Hz
Sound output	: 1 W - 5% distortion
Mains voltage	: 230 V ± 15%
Power consumption	: 75 W typ.
Dimensions (h x w x d)	: 320 x 350 x 387 mm
Weight	: 11 kg

* This data may be changed without notice.

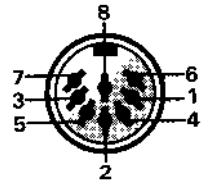
The specification of the Euroconnector is as follows:

Pin		
1		
2	audio input	0.5 Vrms/ > 10 Kohm
3		
4	earth connection for audio	
5	earth connection B input	
6	audio input	0.5 Vrms/ > 10 kohm
7	B input	0.7 Vpp/75 Ohm
8		
9	earth connection G input	
10		
11	G input	0.7 Vpp/75 Ohms
12		
13	earth connection R input	
14		
15	R input	0.7 Vpp/75 Ohms
16		
17		
18		
19		
20	composite sync input	0.2 - 1 Vpp/75 L1
21	screening plug	



TTL RGB DIN specification

Pin 1	status computer
Pin 2	red
Pin 3	green
Pin 4	blue
Pin 5	intensity
Pin 6	earth
Pin 7	composite synchronisation
Pin 8	open



General

- If the picture is not as desired, check whether all controls are in the correct position.
- The rear panel should only be removed by a service technician.
- If necessary, clean with a damp sponge. Do not use alcohol, spirits or ammonia.