

## Acorn Super VGA Multiscan

*High Resolution Monitor*



- The Acorn high-resolution SVGA multiscan monitor gives Acorn users the combined benefits of contemporary technology, the support of modern high-resolution screen modes, excellent ergonomic performance (both visual and physical), a healthy respect for environmental issues and compatibility with established applications that cannot support the more modern screen modes.
- Truly a monitor for all occasions.
- Manufactured in the UK to the highest industry standard of BS5750 Part 1.
- All current Acorn screen modes are supported, as well as the VGA and SVGA VESA standards.
- The 0.28 dot pitch tube, combined with the demanding Swedish radiation emission standard MPRII and tilt and swivel capability, assists the user in having a safe, comfortable and non-tiring working environment.



# Specification - AKF50 High Resolution Monitor

## General

Acorn monitor type:	High resolution SVGA multi-scan
Nominal screen size:	14"
Phosphor dot matrix pitch:	0.28 mm
Surface treatment:	Anti-glare, antistatic

## Mains input

Mains input voltage/frequency:	220-240vac / 47-63Hz
Power consumption:	65Watt
Mains input connection:	Fixed 1m cable with IEC 320 connector for direct connection to computer (A4000 and A5000).

## Safety approvals

	EN60950 BS7002 GS PTB 73/23/EEC (EEC Low Voltage Directive)
EMC approval:	EN55022 Class B
Other approvals:	MPR II EN29241 90/220/EEC (EEC Emissions Directive) 89/336/EEC (EEC Display Screen Directive)

## Scanning

Horizontal frequency:	15-38kHz
Vertical frequency:	45-90Hz
Switching time between modes:	<2 sec

## Video

Input type:	RGB Analogue
Input level:	0-0.7V
Synch input signal:	TTL H&V
Input impedance:	75 ohms
Input connection:	Fixed 1m video cable with 15-way 'D' type connector

## User controls

On/Off  
Brightness  
Contrast  
Height  
Horizontal shift

## Physical

Nominal active screen area:	260/195 mm (VGA mode 27) 270/202 mm (mode 39)
Positional adjustment:	Integral tilt and swivel base
Dimensions (H/W/D):	345/360/380 mm (height with maximum tilt 370 mm)
Weight:	12.5kg
Packaged dimensions (H/W/D):	496/438/473 mm
Picture centring:	+/-3 mm
Geometry distortion:	< 2.5 mm
Misconvergence (centre/corner):	< 0.25 mm (< 0.45 mm)
Linearity:	< 7%
Colour:	Acorn Cream

## Reliability

MTBF:	>35,000 hrs (excluding tube)
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