

# SALES NEWS Issue 85

26th October 1993

Dear Dealer,

## **AKF50 Monitor**

**Below are details of a new high resolution monitor, the AKF50. We have also reproduced attached a Press Release for your attention. Please do not release this information until 28th October, 1993.**

Acorn is releasing for sale on 29th October 1993 its latest addition to its monitor range. The AKF50 is a 0.28 dot pitch SVGA monitor capable of supporting all current Acorn screen modes as well as providing outstanding support of all modern screen modes up to SVGA standard. It has a non-reflective screen, a tilt and swivel base, and is a low radiation design certified to the demanding Swedish safety direction of MPR.

With this specification it is certified to meet EN29241 and EN55022 Class B ergonomic and safety standards.

The AKF50 is manufactured (in cream only) in the UK, to an Acorn specified design. It is made exclusively for Acorn by Microvitec Plc to BS5750 part 1 (Design, Service and Support).

The AKF50 is an additional monitor product available with all RISC OS computers for an additional surcharge of £75 RRP inc VAT above the bundle price for an AKF18 bundled version.

The AKF50 is also available separately for £374 inc VAT (UK RRP). It is released for sale in Acorn international operations. A data sheet will be provided at launch.

Pricing in brief:

Code	RRP Inc VAT	RRP Exc VAT
AKF50 (when purchased separately)	374.00	318.30
AKF50 (when purchased as part of system)	325.00	276.60

Normal discounts apply

Yours faithfully

  
Tracy Bottomley  
Sales Desk Supervisor

**Acorn** 

# Press Release

## AKF50 *High Resolution Monitor*

- The Acorn high performance AKF50 SVGA multi-scan monitor gives Acorn users the benefits of both contemporary technology with the support of modern high resolution screen modes, excellent ergonomic performance (both visual and physical) and a healthy respect for environmental issues with compatability to support established applications that cannot support the more modern screen modes.
- Truly a monitor for all occasions.
- The AKF50 is manufactured in the UK to the highest civilian 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 assures the user of a safe, comfortable and non-tiring working environment.

### AKF50 High Resolution Monitor - Technical Specification

#### General

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

#### Mains input

Mains input voltage/frequency:	220-240vac / 47-63Hz
Power consumption:	65Watt
Mains input connection:	Fixed 1 metre cable terminated with IEC connector for direct connection to computer.*

#### Safety Approvals

EN60950  
BS7002  
GS  
PTB  
73/23/EEC ( EEC Low Voltage Directive )

EMC approvals:	CISPR22 Class B EN55022 Class B 89/336/EEC ( EEC Display Screen Directive ) MPR II
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Other approvals:	EN29241 90/220/EEC (EEC Emissions Directive)
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#### Scanning

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

## Video

Input type:	RGB Analog
Input level:	0-0.7v
Synch. input signal:	TTL H&V
Input impedance:	75ohms
Video amplifier bandwidth	
Input connection:	Fixed 1 meter video cable terminated with 15 way 'D' type

## User controls

On/Off  
Brightness  
Contrast  
Height  
Horizontal shift

## Physical

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

## Reliability

MTBF:	>35,000 hrs (excluding tube)
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