

SONY



BVM-A20F1M

20-inch, Multiformat display unit - BVM-A Series.

The BVM-A20F1M is a multiformat master control monitor. It is equipped with a high resolution Trinitron CRT. This monitor provides a superb picture resolution of 900 TVL. Along with the other models of the new BVM-A series, it is perfectly suitable for both conventional video standard and the emerging new high definition format.

This monitor is intended for the most critical picture evaluation in the high-end production and post-production environments.

Features

20-inch HR Trinitron.

Sony Trinitron CRT technology offers many benefits to users. The vertical flatness of the screen reduces the ambient light reflection. It also offers very bright, high contrast pictures combined with high picture resolution, low uniformity and purity errors.

High Resolution picture - 900 TVL.

Sony Trinitron CRT technology offers very high picture quality for the finest picture reproduction.

Multiformat capability

This monitor is capable of displaying each input format at its native frequency and resolution with an extreme degree of colour accuracy. It accepts the following format: 575/50i, 480/60i, 575/50p, 480/60p, 1080/24PsF, 1080/50i, 1080/60i, 720/60p, 720/50p

Dual-Link HD-SDI

Using two HD-SDI connectors in a pair, the BVM-A Series allows a variety of digital 4:4:4 HD signals to be accepted. This feature ensures precise and sharp colour reproduction.

Digital uniformity

With the BVM-A Series, white can be reproduced uniformly on every point of the screen, even in the peripheral area, using the digital uniformity circuit.

EBU phosphors for best colour reproduction.

Sony high resolution HR Trinitron CRT's are all equipped with EBU standard phosphors. The tight tolerances of the EBU standard guarantee a precise colour reproduction.

Auto White balance facility (Konica Minolta, DK technologies, UDT instruments and Sony probe).

This feature will allow you to match the white and black level of your various monitors to the recommended standard. In addition to the EBU phosphors a precise picture reproduction is obtained.

Modular concept with separate control unit and memory stick

With the use of a memory stick, you can save and download all monitor set-ups such as the input channel configuration, control preset adjustments, white balance settings and maintenance parameters.

Optional slots for various input decoders (3 slots).

Depending on your requirement, the most appropriate decoders can simply be inserted in the option slots at the rear of the monitor.

Serial remote interface for multiple monitor control.

Up to 32 monitors can be fully controlled through this serial remote interface by a separate control unit BKM-15R.

SNMP Remote Protocol*

The BVM-A Series monitors support the SNMP protocol through their Ethernet ports, allowing maintenance information to be monitored and logged on compatible remote maintenance software * A future feature (by the end of April 2006)

Benefits

Superb picture reproduction

This monitor provides very high-resolution pictures for the most critical picture evaluation. Sony manufactured Trinitron CRT provides excellent colour uniformity and performance.

Multiformat signal support

This monitor accepts the wide variety of digital signals necessary to allow you the freedom to produce in whatever format you choose.

Easy customisation

This monitor is designed with three option slots for the additional video decoder boards of your choice – so you can keep your options open.

High flexibility and modularity

Whatever your needs this monitor has maximum flexibility both during installation and operation.

Ethernet connection

The BVM-A Series can be connected via an Ethernet control system using standard network components. Through this network any monitor can be configured, remotely controlled or monitored by using e-service mode.

Technical Specifications

Centre resolution	900 TV lines
AG pitch	0.30mm
CRT phosphor	EBU
Dimensions (H)	9U
Signal Format	15.625kHz to 45kHz
Frequency response	48 Hz to 30MHz +1dB/-3dB

Supplied Accessories

4:3 mask
Fuse
Operation manual
Tally label
AC plug holder
AC cable

Accessories

Control Units



BKM-15R

Control Unit For BVM-A Series



BKM-35H

Monitor Control Unit attachment kit for BKM-15R with 20-inch monitor (BVM-A20F1M)

Other



BKM-14L

Auto set-up probe for BVM-A Series



SMF-700

Monitor Interface Cable for BVM-L Series

Rack Mount Kits



BKM-30E20

Rack mount kit for BVM 20-inch monitors for BVM-20F1E/20G1E/D20F1E

Option Boards



BKM-61D

SDI / Analogue multi input adaptor



BKM-62HS

HD SDI / SDI Input Adaptor



BKM-68X

HD/SD Analogue Component Input Adaptor