

SONY**BVMA14F5U**
14" Multi-Format CRT Monitor**\$6,245.00** U.S. List Price**Description**

Sony now redefines its decades of professional monitor experience with the introduction of a new family of BVM series monitors. The BVM-A series of digital monitors, with a number of impressive enhancements, has been designed to surpass the conventional concepts of existing high-grade CRT monitors. Positioned as a successor to the market-acclaimed Sony BVM-D Series, the BVM-A Series - as an industry first - presents a full and consistent line of master-grade CRT monitors. The BVM-A14F5U is a 14-inch (13 1/8 inch viewable area measured diagonally), 4:3 aspect ratio monitor. The BVM-A14F5U supports multi-format input, accepting a range of SD and HD signal formats, with the added capability of dual-link HD-SDI input to monitor top-quality images up to 1080/50i and 1080/60i 4:4:4 RGB. The BVM-A series monitors are user configurable with three different option slots in which the user can choose any combination of the three available input option boards. All BVM-A series monitors use the same optional input boards thus allowing the user to share the input boards between the monitors if the need arises. The BVM-A series monitor also incorporates an all-new Ethernet™ based control system, allowing standard network cables and hubs to be used for easy configuration, high reliability, and high communication speed. And for monitor setup and control, the same logical menu structures and Auto Setup capabilities have been retained from its BVM predecessors, further facilitating system setup. Designed to meet the critical needs of today and tomorrow, the BVM-A Series is the choice for any high-grade monitoring application in studio production, post-production, telecine and broadcast operations.

Highlights

- Flat Surface HR Trinitron CRT
- Faithful Color Reproduction
- Stable Color Temperature
- Multi-format Signal Support
- Dual-Link HD-SDI
- Flexible Input Configurations
- New Modular Monitor Control Unit (BKM-15R)
- Ethernet-based Remote Control
- Memory Stick® Slot on BKM-15R
- SNMP Remote Maintenance
- Auto White Balance
- Auto Matrix Selection and Auto Chroma/Phase/Matrix Setup
- Digital Uniformity
- Parallel Remote Control Function
- Built-in test signal generator
- H/V delay function for checking the horizontal and vertical synchronization signals
- Auto and manual degaussing
- Various area markers for support of DTV and cinema aspect ratios

Features

Feature	Benefit
<input type="checkbox"/> Flat surface HR Trinitron	Equipped with a Sony Trinitron CRT using SMPTE-C phosphors, the BVM-A Series monitor provides the highest possible picture quality
<input type="checkbox"/> Faithful Color Reproduction	The BVM-A series monitors are designed to provide most accurate phosphor chromaticity, white uniformity, and color temperature, thereby achieving extremely faithful color reproduction
<input type="checkbox"/> Stable Color Temperature	The internal beam current feedback circuit equipped on the BVM-A Series monitors maintains a constant color temperature over a long period of time.
<input type="checkbox"/> Multi-Format Signal Support	With the appropriate optional input boards installed, the BVM-A Series monitors support a spectrum of SD and HD signals with frequency responses ranging from 15kHz to 45kHz (horizontal)/48kHz to 60kHz (vertical). Input signals are scanned on the CRT raster at their native frequencies and native line counts, with no scan conversion processes involved.
<input type="checkbox"/> Dual-Link HD-SDI	The BVM-A Series monitors offer dual-link HD-SDI capability (requires optional BKM62HS) meeting the SMPTE 327M standard. 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 in both GBR and Y/PB/PR signal formats.
<input type="checkbox"/> Flexible Input Configurations	The BVM-A Series uses a modular slot design so inputs can be configured according to individual needs. Three input board slots are available on all models, and three different optional input boards are available. The optional input boards can be installed in any board slot, and in any combination.
<input type="checkbox"/> Modular Monitor Control Unit (BKM-15R)	The monitor and the control panel are separate units in the BVM-A Series. This allows for greater flexibility in system integration. The BKM-15R can be connected using an optional mounting kit to the 24", 20" & 14" monitors, or it can be connected remotely via an Ethernet cable.
<input type="checkbox"/> Ethernet-based Remote Control	The BVM-A Series monitors and the BKM-15R Monitor Control Unit are equipped with Ethernet ports, allowing remote control of display parameters across a standard Ethernet connection. The BKM-15R can control up to 32 BVM-A Series monitors simply by connecting them using standard Ethernet cables and hubs.
<input type="checkbox"/> Memory Stick® Slot	The BKM-15R has a Memory Stick™ slot to save and load monitor setup and adjustment data on Memory Stick media. In multiple monitor systems, this allows data to be exchanged between units so that the same setup and adjustment status is easily retained.
<input type="checkbox"/> SNMP Remote Maintenance	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 (coming December 2005).
<input type="checkbox"/> Auto White Balance	The color temperature of the BVM-A Series monitors can be automatically adjusted by the auto white balance function using the Sony BKM-14L Auto Setup probe as well as probes from other manufacturers.
<input type="checkbox"/> Auto Matrix Selection and Auto Chroma/Phase/Matrix Setup	The BVM-A Series monitors automatically select the most appropriate decode matrix from one of the three matrices (ITU 601, ITU 709, SMPTE 240M), according to the input signal. An Auto Chroma/Phase setup function is also provided, which automatically adjusts the monitor's chroma, phase and matrix using external color bars.
<input type="checkbox"/> Digital Uniformity	With the BVM-A Series monitors, white can be reproduced uniformly on every point of the screen, even in the peripheral area, using the digital uniformity circuit. This adjustment can be made manually or automatically with the use of the optional BKM-14L Auto Set-Up Probe

Accessories

Optional:

Model Name	Description	U.S. List Price
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BKM14L	Light Probe	\$889.00
BKM15R	Control Panel, BVM-A Series	\$1,100.00
BKM30E14	Rack Mount and Slide Rail Kit for BVM 14" Series	\$275.00
BKM61D	SDI/Analog Composite Multi-Input Adaptor for BVM-A Series	\$2,000.00
BKM62HS	HDSDI / SDI Optional Input Board for BVM-A Series	\$5,600.00
BKM68X	Analog Component Input Adaptor for BVM-A Series.	\$800.00
SMF700	Monitor Interface Cable For BKM15R and BVM-A Series	\$250.00



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