

KROMA

T E L E C O M



THE BM5314 SERIES MULTIFORMAT BROADCAST MONITOR

Kroma monitors are designed to meet the most stringent technical demands and use a modular construction that gives excellent flexibility.

All controls, including the picture geometry, are accessible by the user at the front of the monitor.

A convenient auxiliary composite input in the front of the monitor allows easy connection of the monitor test generator or other sources.

It incorporates a sophisticated AUTO SET-UP facility. Microprocessor control enables a fast and accurate adjustment in most parameters, not only grey scale. Such parameters can be "learned" from a reference monitor and then transferred to other monitors.

The optional digital input board incorporates two (with passive loop-through) D1 component serial digital inputs at 10 bits ITU-R BT601 SMPTE/EBU 270 Mbits and a component analogue input. The SDI Module allows the user to extract the embedded audio and then output it in Analogue or AES EBU Digital form.

The BM5314 monitor is equipped with a keyboard so that commonly selected functions are accessed directly. Other functions are selected through single on-screen menus, thus minimising the number of key depressions required.

The BM5314 monitor is provided with a RS485 serial interface for remote control. An optional control panel, which can be mounted on a control desk, can control a maximum of 128 monitors using a looped serial cable and used to address specific monitors for control. Any monitor can work as a "master" remote control for other monitors. A RS232 interface is included to enable software upgrades from a PC.

This monitor is provided with facilities for 4:3, 16:9 and Underscan selection from the front panel. Other features include Safe Area and Pulse Cross. (BM5314A13/A14 only)

TECHNICAL SPECIFICATIONS

MODELS	Dimensions Height Width Depth	Weight	Tube (Pitch)	Resolution	Consumption	Lineality Error	Geometry Error	Convergence Error Centre / Zona 1	Inputs	Options
BM5314A11 BM5314A12	265 mm 6RU 426 mm 440 mm	Approx. 19,2 Kg	EBU 0.28 P22 0.28	> 650 lines	85 W	< 3 %	< 1 %	0,15 / 0,4 mm 0,15 / 0,4 mm	2 PAL/NTSC + External Sync or 3PAL/NTSC Auxiliary	2 SDI in loop Analogue Component Auto-Set-up Remote Control
BM5314A13 BM5314A14			P22 0.28 EBU 0.28	> 650 lines	85 W	< 3 %	< 1 %	0,15 / 0,4 mm 0,15 / 0,4 mm	ACCORDING TO MODULES FITTED	ACCORDING TO MODULES FITTED

Note: Specifications are subject to change without prior notice

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