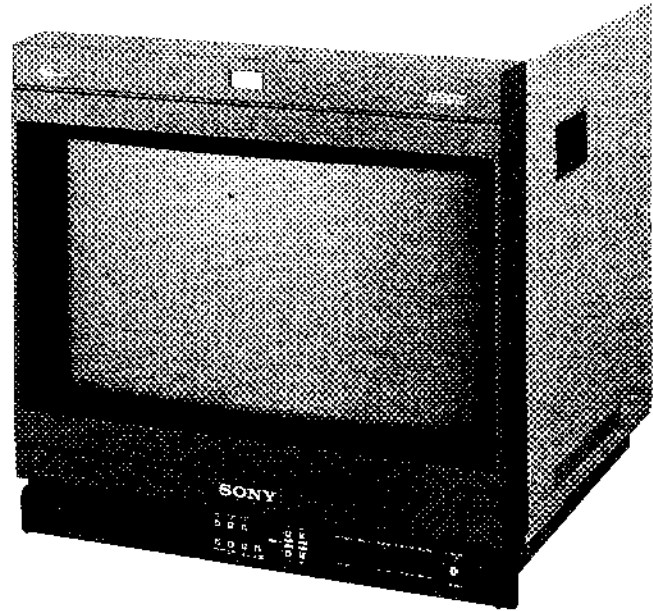


20-inch (19-inch*) HD color monitor

- HR Trinitron assures a high resolution of 700 TV lines (16:9 mode)
- SMPTE-C standard phosphors
- Accepts analog YPbPr/RGB signals
- HD/VD separately synchronizing capability
- HD SDI (High Definition Serial Digital Interface) input available as an option
- Aspect ratio is switchable between 16:9 and 4:3
- Accepts signals with field frequency 59.94 or 60.00 Hz
- Accepts signals with Active line 1035 & 1080
- Frequency response 24 MHz
- Stabilized color temperature obtained with a beam current feedback circuit
- Color temperature D65, D93 or user preset (3200K to 10000K) selectable
- Underscan, Blue Only, and H/V delay mode available
- 4:3 Area Marker to find the 4:3 area inside the 16:9 picture
- Auto/Manual degaussing and Degauss-Delay function
- Serial and Parallel remote control capability
- Mountable into a 19-inch EIA standard rack with the optional SLR-103A



* viewable area, measured diagonally

Specifications

		HDM-20M8U
General	System	1125/1080 60 Hz, 59.94 Hz 2:1 16:9 (SMPTE 274M) 1125/1035 60 Hz, 59.94 Hz 2:1 16:9 (SMPTE 240M) 525 59.94 Hz 1:1 16:9 (SMPTE 293M) 525 59.94 Hz 1:1 4:3 (DXC-9000 VGA mode)
	Power requirements	AC 100 V to 120 V, 220 V to 240 V ±10 % 50/60 Hz
	Power consumption () ; with HD SDI interface	150 W (164 W)
	Dimensions () ; D without 16:9 mask	450(W) × 458(H) × 557(550)(D) mm 17 3/4 × 18 1/8 × 22(21 3/4) inches
	Mass	approx. 34 kg (74 lb 15 oz)
CRT performance	CRT type	20-inch HR Trinitron, AG Pitch: 0.30 mm, Center Resolution: 700 TV lines (4:3 mode: 900 TV lines)
	Visual screen size (viewable area, measured diagonally)	16:9 mode 388 × 218 mm (15 3/8 × 8 5/8 inches) (445 mm (17 5/8 inches)) 4:3 mode 388 × 292 mm (15 3/8 × 11 1/2 inches) (484 mm (19 1/8 inches))
	Color temperature	D65/D93/USER1/USER2
	Normal scan	7 % overscan
Raster and Picture performance	Under scan	5 % underscan
	Linearity H V	Less than 5 % Less than 5 %
	Convergence	Within 0.5 mm within circle centered on the screen with a diameter equal to the vertical height, 0.6 mm at any other point
	Stability of raster size H V	Less than 1 % Less than 1 %
	High voltage regulation	Less than 1 %
	Phosphor	SMPTE-C
	INPUT A/B	YPbPr/GBR IN BNC (6) YPbPr: 0.7 Vp-p GBR: 0.7 Vp-p Sync on G/Y: Tri-level sync: 0.6 Vp-p Bi-level sync: 0.3 Vp-p Automatic 75 Ω termination
Input	Ext sync IN	BNC (2) Bi-level sync: 4.0 Vp-p ±6 dB, negative Tri-level sync: 0.6 Vp-p Automatic 75 Ω termination
	HD/VD IN	BNC (HD × 2/VD × 2) 4.0 Vp-p ±6 dB, negative or positive (HD and VD must be the same pole) Automatic 75 Ω termination
	AUDIO IN	RCA Pin (MONO × 2) -5 dBu 47 kΩ
	OUTPUT A	YPbPr/GBR OUT BNC (3), loop-through Ext sync OUT BNC (1), loop-through HD/VD IN BNC (2) (HD × 1/VD × 1), loop-through AUDIO OUT RCA Pin (MONO) (1), loop-through
REMOTE	20-pin (1) (Parallel) D-sub 9-pin (2) (attachment for serial remote)	