

DTV and Multiscan Monitor

HV-M300VSU 30"

- HDTV CRT with 0.68 mm center mask pitch and P22 phosphors
- DTV format compatibility: switchable 480i, 480P, 1080i and 720P
- Multi-format compatibility: NTSC 3.58/NTSC 4.43/PAL/SECAM
- Accepts Y, Pb, Pr, RGB, composite video, Y/C and PC terminal signals
- Auto scanning frequency selection: Horizontal scanning frequency of 15.5 to 60 kHz, vertical scanning frequency of 50 to 120 Hz, 16 signal presets, user-adjustable function
- Multi terminal for external control of input switching
- Built-in ID assignment function
- System control terminal for individual simultaneous control of a bank of monitors
- 3-line digital comb filter sharply reduces crossed dot interruption
- RS-232C input terminal allows direct connection to a personal computer
- Underscan, blue check, selectable color temperatures
- Beam current feedback system for continuously monitoring the aging of each gun and performing automatic compensation for long-term white balance stability
- Wireless remote control featuring an ID system



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Type	Color video monitor
Video system	NTSC 3.58/NTSC 4.43/PAL/SECAM
CRT	30" diagonal, 16:9 aspect, 106-degree deflection, 0.68 mm mask pitch
Horizontal frequency	15.5 - 60 kHz
Vertical frequency	50 - 120 Hz
Resolution	Video 550 TV lines (NTSC) (Horizontal) RGB 800 x 600 dots (4:3)
Connectors:	
RGB A IN	Y.Pb.Pr/R.G.B.HD.VD. (BNC type connector) Y: 1.0 V (p-p) (75 ohms termination) Pb. Pr: ± 0.35 V (75 ohms termination) R.G.B: 0.7 V (p-p) (75 ohms termination) HD/SYNC, VD: $\pm 0.6 - 5.0$ V (p-p) Posi/Nega (Hi-impedance) Audio (RCA phono type connector) L.R: 0.5 Vrms (more than 22 kohms)
RGB B IN/OUT	Y.Pb.Pr/R.G.B.HD.VD. (BNC type connector) Y: 1.0 V (p-p) (75 ohms or high-impedance auto) Pb. Pr: ± 0.35 V (p-p) (75 ohms or high-impedance auto) R.G.B: 0.7 V (p-p) (75 ohms or high-impedance auto) H.D/SYNC, VD: $\pm 0.6 - 5.0$ V (p-p) Posi/Nega (Hi-impedance) Audio (RCA phono type connector) L.R: 0.5 Vrms (more than 22 kohms)

LINE IN/OUT	VIDEO (BNC type connector) 1.0 V (p-p) (75 ohms or high-impedance auto) S-VIDEO Y: 1.0 V (p-p) (75 ohms or high-impedance auto) C: 0.286 V (p-p) (75 ohms or high-impedance auto) Audio (RCA phono type connector) L.R: 0.5 Vrms (more than 22 kohms)
MULTI IN	MULTI (D-sub 15p connector) Y: 1.0 V (p-p) (75 ohms termination) Pb. Pr: ± 0.35 V (75 ohms termination) R.G.B: 0.7 V (p-p) (75 ohms termination) HD/SYNC, VD: $\pm 0.6 - 5.0$ V (p-p) Posi/Nega (Hi-impedance) R1.R2: Short or open to GND Audio (RCA phono type connector) L.R: 0.5 Vrms (more than 22 kohms)
System control IN/OUT	M3 type connector
Speaker output	Stereo 4 W + 4 W, Impedance 8 ohms
Power requirements	120 V AC, 50/60 Hz
Max. amps	3.7 A
Weight	58 kg (127.9 lbs.)
Dimensions	800 (W) x 543 (H) x 549 (D) mm (31-1/2" x 21-7/16" x 21-5/8")
Operating temperature	0°C to 40°C (32°F to 104°F)
Operating humidity	20% to 80% (non-condensing)
Accessories	AC power cord/Remote control unit/Batteries for remote control unit

All model numbers, specifications and prices are subject to change without notice.

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