

14" PVM-14N1MDE (PAL/NTSC/SECAM/NTSC_{4.43})

Downloaded from: www.broadcast-trader.com.au

Colour Video Monitor for medical use

- High resolution of 500TV lines with Sony Trinitron® CRT
- Stable colour reproduction with Beam Current Feedback Circuit
- Loop-through Y/C and composite video inputs
- Complies with world-side EN60601-1 and UL-2601 safety regulations
- Ground earth terminal for safety
- Supplied with splash-proof covers
- Accepts PAL, NTSC, SECAM and NTSC_{4.43} signals
- On-screen menu with a choice of five languages to facilitate monitor adjustment/setting
- Built-in speaker for audio monitoring

Supplied accessories: AC power cord (1)
Splash-proof covers (2)
Operating instructions (1)

Optional accessories: MB-502B Rack Mounting Bracket kit
SLR-102 Slide Rail kit (used with the MB-502)

Specifications

General

System: PAL/NTSC/SECAM/NTSC_{4.43} automatically selected
Power requirements: 100 to 240V, 50/60Hz
Power consumption: 80W
Dimensions: 346 (13%) × 340 (13%) × 414 (16%) mm
Mass: 15 kg (33 lb 1 oz)
Operating temperature: 0 to 40°C (32 to 10°F)
Storage temperature: -10 to 40°C (14 to 10°F)
Humidity: 0 to 90%

CRT Performance

CRT type: 37cm (14-inch) Trinitron CRT with P-22 phosphors, visible picture size 33.2 cm (13-inch) (min.) measured diagonally

Resolution: 500TV lines
Colour temperature: 6500K

Picture performance

Normal scan: 7% overscan
Linearity: H: less than 8%
V: less than 7%

Input performance

Video

LINE A*¹ Composite: Loop-through BNC 1Vp-p+3dB-6dB, sync negative automatic 75Ω termination*²
Y/C*¹: Loop-through 4-pin mini DIN
Y: 1Vp-p+3dB-6dB, sync negative automatic 75Ω termination*²
C: 0.3Vp-p (PAL) or 0.286Vp-p (NTSC), automatic 75Ω termination*²

LINE B*¹ Composite: BNC 1Vp-p+3dB-6dB, sync negative, 75Ω
Y/C*¹: 4-pin mini DIN
Y: 1Vp-p+3dB-6dB, sync negative, 75Ω
C: 0.3Vp-p (PAL) or 0.286Vp-p (NTSC), 75Ω

Frequency response: 6MHz (±3dB)

Audio

LINE A Loop-through phono -5dBu, high impedance
LINE B Phono -5dBu, high impedance

0dBu=0.775Vr.m.s

