

# 9" PVM-9042QM (PAL/NTSC/SECAM/NTSC<sub>4.43</sub>)

Downloaded from: [www.broadcast-trader.com.au](http://www.broadcast-trader.com.au)

## For multi-purpose use in various applications

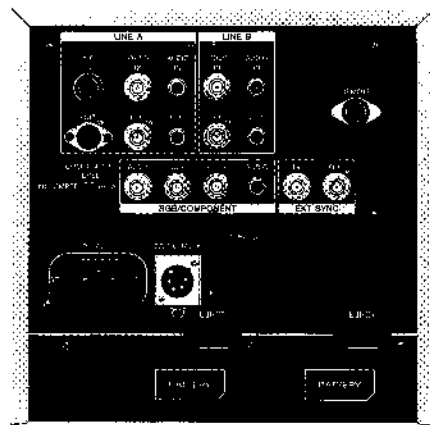
- Aspect ratio is switchable (4:3 and 16:9) with the 16:9 button on the front panel
- Stable colour temperature from beam current feedback circuit
- Analogue component level selectable between BETA and SMPTE/N10 by a rear panel slide switch
- NTSC comb filter
- Accepts external sync/sync on Green
- Tally input
- Colour temperature D65
- Blue only, H/V delay, Underscan capability
- Built-in speaker and monitoring amplifier
- AC/DC operation
- Front panel degauss button
- EIA standard rack mountable with a second PVM-9042QM (or an optional blank panel MB-509) by using an optional MB-507 rack mounting bracket



- Supplied accessories: AC power cord, Mini DIN 8-pin connector with cable (cable length 350mm, 13 7/8 inches), Tally number plates (12 pcs: No.1 to 5, A, B, C, P, R, white x 2 pcs), Operation manual
- Optional accessories: TV tuner unit TU-1040E  
 Monitor ENG kit VF-505 (Monitor hood and cord reel)  
 Rack mounting bracket MB-507  
 Blank panel MB-509  
 Battery adaptor DC-L10  
 Rechargeable lithium-ion battery BP-L60A  
 Rechargeable lithium-ion battery BP-L90A  
 Rechargeable battery pack NP-1B  
 Rechargeable battery pack BP-90A  
 Battery case (for BP-90A) DC-210  
 Battery charger (for four BP-L60A or BP-L90A) BC-L100CE  
 Battery charger (for four NP-1Bs) BC-1WDCE  
 Battery charger (for four NP-1Bs and four BP-90A) BC-410CE

## Specifications

- Video signal system: CCIR 625 lines, 50 fields/EIA 525 lines, 60 fields (switching of CCIR to EIA or vice versa is automatically done)
- Colour system: PAL/NTSC/SECAM/NTSC<sub>4.43</sub>\*1 (automatically selected)
- Picture tube: 22cm (9-inch) Trinitron tube, visible picture size 19.7cm (8-inch) measured diagonally, 70° deflection
- Horizontal resolution: 250TV lines at centre
- Audio power output: Monaural, 0.5W with built-in speaker
- Power requirements: AC: 100 to 240V 0.7 to 0.4A, 50/60Hz  
 DC: 12V 3.7A
- Power consumption: AC: 43W  
 DC: 40W
- Dimensions: 217(W) x 217(H) x 352.5(D) mm (8 5/8 x 8 5/8 x 14 inches)
- Mass: 8.2 kg (18 lb)



## VIDEO

### LINE A

- Composite\*2: Loop-through BNC  
 1Vp-p, sync negative,  
 Automatic 75Ω termination\*3
- Y/C\*2: Loop-through Mini DIN 4-pin  
 Y(luminance): 1Vp-p, sync negative,  
 Automatic 75Ω termination\*3
- C(chrominance):  
 PAL: 0.3Vp-p, Automatic 75Ω termination\*3  
 NTSC: 0.286Vp-p, Automatic 75Ω termination\*3

### LINE B

- Composite: Loop-through BNC  
 1Vp-p, sync negative,  
 Automatic 75Ω termination\*3

### RGB/Component\*4

- R/R-Y: Non-composite: 0.7Vp-p, 75Ω  
 Sync on Green/G/Y: Composite: 1Vp-p, sync negative, 75Ω  
 Non-composite: 0.7Vp-p, 75Ω  
 B/B-Y: Non-composite: 0.7Vp-p, 75Ω

### External sync

- Tally  
 DC INPUT

## AUDIO

### LINE A

### LINE B

### RGB/Component

- Loop-through BNC  
 4Vp-p negative, Automatic 75Ω termination\*3
- Mini DIN 8-pin  
 XLR 4-pin
- Loop-through Phono  
 -5dBu, high impedance
- Loop-through Phono  
 -5dBu, high impedance
- Phono  
 -5dBu, high impedance

\*1 The NTSC<sub>4.43</sub> system refers to an NTSC colour system in which the subcarrier frequency is modified to 4.43MHz.