

4201P



Portable
Witness Interview
Recording System



NEAL

NO DISPUTE

The 4201P Portable Witness Interview Recording System.



NEAL recorders have been used in interview situations for over twenty years. They are now established as the leaders in the field of audio evidence recording, with over 10,000 recorders in regular use.

The **4201P Series Digital Audio Video Recording System** is based on these proven recorders. By integrating DVD+ recorders with the backup, verification and convenience of the analogue audio recorder, and the authentication of our unique built-in timecode unit, the following prime design aims have been achieved:

- Simple two button start-stop control.
- Ease of operation by non-technical personnel even under stress conditions.
- Highest quality audio and video.
- High reliability.
- Verifiable authenticity.

Features



- Twin-deck audio recorder for transcription (optional)
- Locates on top of main video unit



- Simple connections



- Boundary layer microphones for siting on horizontal or vertical surface

Features (cont.)



- Dual simultaneous DVD+ evidence recorder
- Liquid crystal display for recorder mode and diagnostics
- 6.8 inch TFT active matrix colour monitor
- Picture-in-Picture with burnt-in time, date and elapsed time.
- Any of four positions for inset picture

- Lightweight, protective carrying cases containing recorders & all accessories
- Both cases may be carried by one person

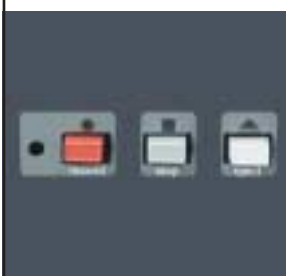


- Dual image zoom camera
- Integral microphone
- Uni-Loc quick release adaptor between camera and tripod
- Pan and tilt tripod head (with fine adjustment locking grip)
- Adjusts from table-top to full height

Profiled protective foam caps housing all equipment



- Easy to operate
- All four decks controlled from the Record/Stop buttons on the Neal unit



- If using the video unit alone
- Both video decks controlled from the Record/Stop buttons on the main fascia



SPECIFICATIONS

Audio Cassette Format	As 8224P except 8224P power leads and mic leads are not required because their signals are obtained from the main 4201P unit.
DVD Recording System	DVD+R for replay on standard DVD players.
Bit Rates	Bit rate 4.06Mbits per second (video), 256Kbits per second (audio)
Total uninterrupted video recording	Factory set for M2X mode giving 150 minutes per disk as standard (optional longer recording times available - up to 6 hours at reduced resolution).
Time Format	Burnt in year, month, date, hours, minutes, seconds and frame with unique recorder identification number.
Video Signal System	CCIR standard (625 lines, 50 fields).
Video Inputs	One composite video input (BNC); 1.0 Vp-p, 75 ohms. Optional picture-in-picture unit provides second video input.
Input Resolution	720 x 576 lines.
Audio Sampling	16 bit, 48KHz.
Alarm Conditions	<p>If any one of the DVDs are absent when record is pressed, an alarm sounds with the message: No Media DVD1, No Media DVD 2 as appropriate.</p> <p>The alarm sounds when the DVDs reach the low media point (approximately 2 minutes before the end), or if an incorrect disk type is loaded (+R are suitable).</p> <p>If a tape or disc reaches the end, or becomes jammed, the alarm sounds continuously. The display shows End of DVD 1, End of DVD 2, as appropriate.</p> <p>If either DVD fails to record, the alarm sounds and the display shows Media Fail DVD 1, Media Fail DVD 2, as appropriate.</p> <p>If the microphone(s) are not connected, or an audio channel fails, the alarm sounds and the display shows Audio Signal Fault.</p> <p>If one of the video cameras fails, an alarm sounds with the message Video Input 1 Fault, Video Input 2 Fault, as appropriate.</p> <p>If the video path fails within the DVD recorder, an alarm sounds with the message No Picture DVD1, No Picture DVD 2, as appropriate.</p> <p>From end of recording to eject is typically one minute. For a very short recording, the maximum eject time is approx. four minutes.</p>
Physical Dimensions:	544mm wide x 245mm high x 568mm deep (Including flight and rear covers). Weight: 21Kg
Operating Temperature:	5°C to 40° C (during operation)
Operating Humidity:	35% to 80%.
Liquid Crystal Display :	2 x 20 characters with back light.
Power Requirements:	Mains 230V AC 50/60Hz (as standard) 1A