

DNW-A225 (NTSC)/A225P (PAL)

BETACAM SX

Digital Portable Editor

- Superb picture and high sound quality of Betacam SX format
- Component digital recording using the advanced compression algorithm of MPEG-2 4:2:2P@ML •±0 frame insert/assemble editing
- Combines two VTRs, two LCD screens, and built-in speakers
- Four channels of 16-bit/48kHz digital audio
- Current Betacam SP S-size metal tape cassettes can be used for Betacam SX recording (with Betacam SX, recording time is double the stated duration of the Betacam SP tape)
- Uses same 1/2-inch tape as Betacam/Betacam SP and maintains playback compatibility with current analog Betacam/Betacam SP format (both left and right side deck)
- Compact design for field use (422 × 149 × 443 mm) and lightweight (13 kg)
- Battery Operation (attaching a Sony BP-L90/L90A/L60/L60A) and also AC powered operation
- Detachable Operation
- Good Shot/REC Start Mark handling and Shot Data handling
- 525/60, 625/50 switchable in the digital component environment
- Speed search with VTRs: ±24 times normal play speed (Betacam SX)
- SDI input/output
- Analog composite input
- Two analog composite outputs
- Analog 2ch audio input/output and 2ch monitor output for each deck
- Sony 9-pin remote control interface



Optional accessories: BP-L60A/L90A, Rechargeable lithium-ion battery
DC-L90, Battery Case (for an optional BP-90A NiCd Battery)
AC-550/550CE, AC Adaptor
BVR-3, Remote Controller
LC-DN220, Carrying Case (Hard)
LC-DN220SFT, Carrying Case (Soft)
AC-DN2A, AC Adaptor
BKNW-225, docking kit for two DNW-A25/A25Ps
BKNW-25, DV interface box

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

Specifications

General

Power requirements: DC 12 V
Power consumption: 130 W (65 W × 2)
Operating temperature: 0 °C to +40 °C (+32 °F to +104 °F)
Storage temperature: -20 °C to +60 °C (-4 °F to +140 °F)
Humidity: 25 % to 80 % (relative humidity)
Mass: 13 kg (6.5 kg × 2, 28 lb 10 oz)
Dimensions: 422(W) (211 × 2) × 149(H) × 443(D) mm
(16 5/8 × 5 7/8 × 17 1/2 inches)
Tape speed: Betacam SX: 59.515 mm/s (525 mode),
59.575 mm/s (625 mode)
Betacam/Betacam SP 118.6mm/s(NTSC),
101.5 mm/s(PAL)
Digital playback/recording time: Max. 62 min with BCT-62SXA cassette
Fast forward/rewind time: Less than 3 min with BCT-62SXA cassette
Search speed range: ±24 times normal playback speed (SX)
±10 times normal playback speed (Betacam, SP)
Servo lock time: 0.5s or less (from standby on)
Load/unload time: 6s or less

Input/output signal

VTR 1/VTR 2

Analog composite input: BNC(1), 1.0 Vp-p, 75 Ω, sync negative
Analog composite output: BNC(2) (including one character out), 1.0 Vp-p,
75 Ω, sync negative
SDI input: BNC(1), SMPTE 259M (ITU-R BT.656-3),
270Mbit/s
SDI output: BNC (2), SMPTE 259M (ITU-R BT.656-3),
270Mbit/s
Analog audio input (CH1,2): XLR (2)
Analog audio output (CH1/3, 2/4): XLR (2)
Analog monitor output (L, R): XLR (2)
Headphones output: Standard jack (1), stereo
Remote control: D-sub 9-pin (1), Sony 9-pin remote interface

Reference input: BNC (1), 0.3 Vp-p, 75 Ω, sync negative (with loop through out)
Test: Aux 6-pin (1) (for maintenance)
Time code input: BNC (1)
Time code output: BNC (1)

LCD

LCD display: 6.4-inch VGA (640 × 480) × 2
Speaker: Built-in speakers (2), monaural
Display (×2): Counter, Servo Lock, Tape Remain, Battery Remain, etc. Audio level meter Ch1, Ch2 (indication of Ch3,4 is also available by switch)