

MDV-63 PRO/MDV-30 MEAU/MDV-60 MEAU/MDV-12CL

JVC Professional DV tape

- Each tape individually inspected to ensure quality
- The MDV-63 Pro tape uses a new manufacturing process that reduces the error rate to 50% less than conventional models. This makes it possible to minimise the possibility of block noise in the picture.
- An oxygen supply system developed by JVC increases the output level high frequency mode by 20% over the conventional mode. The result is more detailed, higher quality pictures with improved durability and stability in both SP and LP recording and playback.

JVC MiniDV tape line common features

- The adoption of LAC (Lubricant Adsorption Control) technology and advanced DLC (Diamond-Link Carbon) ensures much greater durability in the Still mode. This also extends the overall lifetime of recordings and allows tapes to be used repeatedly with minimal deterioration.
- ME tape technology-The all-important magnetic layer of the tape is produced by depositing ultra-fine particles of 100% cobalt on a substrate using the latest ME technology. This results in a high packing density which in turn raises output and reduces noise throughout the spectrum. Both picture and sound quality benefit.
- Special surface treatment-An additional fluoride-based lubricating layer gives the tape a flat, smooth surface with a low coefficient of friction. This ensures stable tape transport characteristics and reliable performance, even after repeated re-recording and playback.
- Ultra-compact dustproof shell-A sturdy 3-piece lid, constructed from antistatic materials, stops dust and other contaminants from entering the cassette-which also features a reel lock to prevent tape slack, and an erasure prevention mechanism.

PHYSICAL PROPERTIES

Tape width	6.35 mm
Tape thickness	7 μm
Transmissivity	Less than 5%

MAGNETIC PROPERTIES

Coercivity	120 KA/m
Saturation density	550 mT
Squareness ratio	0.8

ELECTROMAGNETIC EXCHANGE PROPERTIES

Optimum recording current	
Data signal	0 dB
Output (21 MHz)	More than -1 dB
Frequency response (10/21 MHz)	Within ±2 dB
Overwrite property (10.5/21 MHz)	Within ±2 dB
C/N (10.5/21 MHz)	More than -2 dB
Tracking signal	
Output (0.47 MHz)	0 dB
Overwrite property (0.47/21 MHz)	More than +1 dB
Impulse signal (1/90 Tb)	Within ±5%

*Deviation from JVC reference DVC tape at 0 dB



Mini DV tape



MDV-63PRO



MDV-30 MEAU
30 minute tape



MDV-60 MEAU
60 minute tape



MDV-12CL
DV Cleaning tape

Structure

