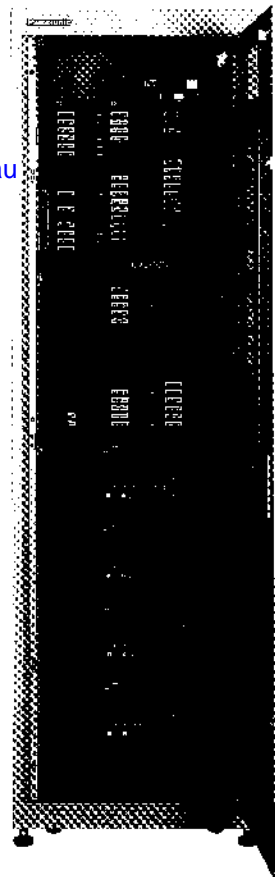


DVCPRO Smart-Cart Multi-Cassette Library



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- Both single and multi-element cassettes may be used in the DVCPRO Smart-Cart library. This ability to store a number of programme or commercial elements on each cassette significantly increases on-line storage capacity.
- Advanced library management software allows an almost limitless number of programme/commercial records to be stored, retrieved and edited.
- Each library cassette is identified with a barcode and the robot is equipped with a laser barcode reader to identify the cassette and its location within the library. Having identified the cassette the database rapidly provides all of necessary information relating to each programme/commercial stored on the cassette. A cassette history is also held in the database including 'record date', 'last played date' and 'number of tape passes'
- All VTRs used in the DVCPRO Smart-Cart are standard studio models. No modifications or adaptors are required, simplifying maintenance and spare parts. VTRs are removable from the rear of the DVCPRO Smart-Cart providing access without interrupting the on-air operation, and a VTR may be exchanged in this way in just a few minutes.
- A central sequence controller controls the VTRs, robotics, audio/video routing switcher and also interfaces with the console PC. The console provides the user interface for all operations — on-air control, playlist preparation, database search, system diagnostics and configuration and also transfer of data with a host system. The built-in resilience of the DVCPRO Smart-Cart ensures that the system is not dependent on the console PC for on-air operation. Should the PC fail, the sequence controller will continue the operation to the end of the current playlist.

DVCPRO VTRs	Number of VTRs	Cassette Capacity (both L/M size)
AJ-D750 AJ-D650 AJ-D640	1	210
	2	180
	3	150
	4	120
	5	90
	6	60

DVCPRO Smart-Cart

Power Requirements	100 to 120V/200 to 240V AC \pm 10%, 50 to 60Hz
Power Consumption:	350VA (without VTRs)
Barcode:	Three of Nine Type: 8 Characters
Operating Temperature:	5°C to 35°C
Storage Temperature:	0°C to 50°C
Operating Humidity:	35% to 85% non-condensing
Weight:	Approx. 300kg (without VTRs and cassettes)
Dimensions (W x H x D):	600 x 2050 x 900 mm
Access Time:	Less than 7 sec.
Reference Video In:	BNC Black Burst
Time Code In:	BNC SMPTE/EBU Time Code
Robot Controller:	D-sub 9-pin RS-422A
Sequence Controller:	(Optional) D-sub 9-pin RS-422A
Cart Remote Controller:	(Optional) D-sub 37-pin
Parallel I/O Interface:	(Optional) Storage Time 20 to 40 min. or more
Hard Disk Cache Interface:	(Optional) Analogue Composite Routing Switcher Serial Digital Routing Switcher
Character Generator:	(Optional) D-sub 25-pin RS-232C