

# Panasonic

# HD D5

## 1/2" DIGITAL

# AJ-CM8

1/2" Digital HD Smart Cart

## Digital Smart Cart: Bringing Superior Pictures and Space-Saving Size to Automated HDTV Broadcasting

Panasonic's HD Smart Cart debuts as the industry's first full-fledged automated HDTV broadcasting system that uses the 1/2-inch HD-D5 format.

Measuring 23.64" (width) x 80.77" (height) x 48.46" (depth) and weighing around 661 lbs, this compact unit is equipped with VTRs, cassette bins, robot and sequential switcher. For added flexibility the cart accommodates a variety of AJ-HD2700/AJ-HD2000 HD-D5 VTRs and L-/M-cassette bin combinations.

The Smart Cart's highly reliable cassette transport and loading mechanism uses the leading robot control technology Panasonic developed for its MII, D-3 and DVCPRO cart machines. The cart is also equipped with a bar code cassette management system.

Optional software enables PC control over on-air transmission, backup recording, archiving and other Smart Cart operations.





AJ-CM8220 (2 VTRs, 20 L-cassette bins and 30 M-cassette bins)

### Example system configuration: AJ-CM8220

The AJ-CM8220 HD Smart Cart System is equipped with two AJ-HD2700 HD-D5 VTRs, an L-cassette bin that holds 20 cassettes, two M-cassette bins that each hold 15 cassettes, and the AJ-CSQ6 sequential switcher. The Smart Cart system can be configured with a variety of other cassette bin and VTR combinations — AJ-CM8235 (2 VTRs and 35 L-cassette bins), AJ-CM8325 (3 VTRs and 25 L-cassette bins) and AJ-CM8315 (3 VTRs, 15 L-cassette bins and 20 M-cassette bins).



### Cassette transport

Panasonic robot systems are renowned for reliability. Using the bar code reader mounted at its tip, the Smart Cart reads the bar code on each tape cassette and operates quickly and accurately.

### Specifications (tentative)

Power Requirements:	120V AC $\pm$ 10% 50 to 60 Hz
Power Consumption:	120V/2.0A
Barcode:	Three of Nine Type: 8 Characters
Operating Temperature:	5°C — 30°C (41°F — 86°F)
Storage Temperature:	0°C — 50°C (32°F — 122°F)
Operating Humidity:	35% to 85% non-condensing
Weight:	Approx. 300 kg (661.5 lbs)
Dimensions (W x H x D):	600 x 2050 x 1230 mm (23.64" x 80.77" x 48.46")
Access Time:	Less than 15 seconds
Robot Controller Interface:	RS-422A terminal x1 (for optional AU-CSQ6) RS-232C terminal x1 Serial Port (9-pin) x1 (for Teaching Box)

### Optional sequence controller AU-CSQ6

Reference Video In:	BNC Black Burst
Time Code In:	BNC SMPTE/EBU Time Code
Host Interface:	D-SUB 9-pin RS-422A
Cart Remote Controller Interface:	D-SUB 37-pin
Parallel I/O Interface:	D-SUB 37-pin

### Optional equipment

Software:	AU-CSF710
Teaching Box:	AU-CTB25

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Panasonic Broadcast and Television Systems Company  
DIVISION OF MATSUSHITA ELECTRIC CORPORATION OF AMERICA  
www.panasonic.com/broadcast  
Executive Office: 3330 Cahuenga Blvd. West, Los Angeles, CA 90068,  
phone: 323-436-3500



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