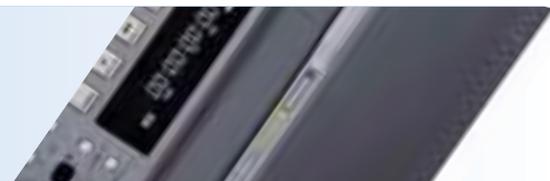


Compact Players Specifications



GENERAL			
		J-30	J-30/SDI
Power requirements		AC 100 V to 240 V, 50/60 Hz	AC 100 V to 240 V, 50/60 Hz
Power consumption		55 W	55 W
Operating temperature		+5 °C to +40 °C (+41 °F to +104 °F)	+5 °C to +40 °C (+41 °F to +104 °F)
Storage temperature		-20 °C to +60 °C (-4 °F to +140 °F)	-20 °C to +60 °C (-4 °F to +140 °F)
Humidity		25% to 80% (relative humidity)	25% to 80% (relative humidity)
Mass		8.2 kg (18 lb 1 oz)	8.2 kg (18 lb 1 oz)
Dimensions (W x H x D)		307 x 100 x 397 mm (12 1/4 x 4 x 15 3/4 inches)	307 x 100 x 397 mm (12 1/4 x 4 x 15 3/4 inches)
Tape speed	Digital Betacam	96.7 mm/s	96.7 mm/s
	MPEG IMX	64.467 mm/s (525 mode), 53.776 mm/s (625 mode)	64.467 mm/s (525 mode), 53.776 mm/s (625 mode)
	Betacam SX	59.515 mm (525 mode), 59.575 mm (626 mode)	59.515 mm (525 mode), 59.575 mm (626 mode)
	Betacam/ Betacam SP	118.6 mm/s (525 mode), 101.5 mm/s (625 mode)	118.6 mm/s (525 mode), 101.5 mm/s (625 mode)
Playback time	Digital Betacam	Max. 124 min. with BCT-D124L	Max. 124 min. with BCT-D124L
	MPEG IMX	Max. 184 min. (525 mode)/220 min. (625 mode) with BCT-184MXL	Max. 184 min. (525 mode)/220 min. (625 mode) with BCT-184MXL
	Betacam SX	Max. 194 min. with BCT-194SXLA	Max. 194 min. with BCT-194SXLA
	Betacam/ Betacam SP	Max. 90 min. (525 mode)/108 min. (625 mode) with BCT-90MLA	Max. 90 min. (525 mode)/108 min. (625 mode) with BCT-90MLA
Fast forward/ rewind time	Digital Betacam	Approx. 5 min. with BCT-D124L	Approx. 5 min. with BCT-D124L
	MPEG IMX	Approx. 5 min. with BCT-184MXL	Approx. 5 min. with BCT-184MXL
	Betacam SX	Approx. 5 min. with BCT-194SXLA	Approx. 5 min. with BCT-194SXLA
	Betacam/ Betacam SP	Approx. 5 min. with BCT-90MLA	Approx. 5 min. with BCT-90MLA
	Search speed range	Digital Betacam	±20 times normal playback speed
	MPEG IMX	±32 times normal playback speed	±32 times normal playback speed
	Betacam SX	±35 times normal playback speed	±35 times normal playback speed
	Betacam/ Betacam SP	±18 times (525 mode), ±20 times (625 mode) normal playback speed	±18 times (525 mode), ±20 times (625 mode) normal playback speed
	Servo lock time		1.5 s or less (from standby on)
Load/unload time		9 s or less	9 s or less

INPUT SIGNAL			
Ext. sync		BNC (x 1), Frame lock	BNC (x 1), Frame lock

OUTPUT SIGNALS			
Analogue composite output		BNC (x 1), RCA Phono (x1), 1.0 Vp-p, 75 Ω	BNC (x 1), RCA Phono (x1), 1.0 Vp-p, 75 Ω
S-video output		Mini DIN 4-pin (x 1), Y: 1.0 Vp-p, C: 0.286 Vp-p burst, 75 Ω	Mini DIN 4-pin (x 1), Y: 1.0 Vp-p, C: 0.286 Vp-p burst, 75 Ω
Analogue component output		BNC (x 3), Y: 1.0 Vp-p, R-Y/B-Y: 0.7 Vp-p, 75 Ω	—
SDI output		—	BNC (x 2), SMPTE 259M, 270 Mb/s, 0.8 Vp-p, 75 Ω
i.LINK (DV output)		6-pin (x1), IEEE 1394	6-pin (x1), IEEE 1394
Time Code output		—	BNC(x1), 1.0Vp-p, 75 Ω, unbalanced
Monitor output L/R		RCA Phono (x 2): -10 dBu at 47K Ω load, unbalanced, XLR (male x 2): +4 dBm, 600 Ω load, low impedance, balanced	RCA Phono (x 2): -10 dBu at 47K Ω load, unbalanced, XLR (male x 2): +4 dBm, 600 Ω load, low impedance, balanced
Headphone output		JM-60 Stereo Phone Jack, -∞ to -12 dBu at 8 Ω load, unbalanced	JM-60 Stereo Phone Jack, -∞ to -12 dBu at 8 Ω load, unbalanced

REMOTE CONTROL			
RS-422A		D-sub 9-pin (female) (x 1), Sony 9-pin remote interface	D-sub 9-pin (female) (x 1), Sony 9-pin remote interface
RS-232C		D-sub 9-pin (male) (x 1)	D-sub 9-pin (male) (x 1)
Wireless		SIRCS	SIRCS

SUPPLIED ACCESSORIES			
		Operation manual (CD-ROM), Operation manual, vertical stand (x 2), Infra-red remote controller	Operation manual (CD-ROM), Operation manual, vertical stand (x 2), Infra-red remote controller

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Sony Services

■ Compact Players



Digital BETACAM
MPEG IMX
BETACAM SX
BETACAM SP
BETACAM

The J-30 and J-30/SDI are the smallest players of Betacam family cassettes. The design concept of the J-Series was for affordable, compact office viewers to be used by producers, journalists and production staff. The J-30 and J-30/SDI can replay Betacam, Betacam SP, Betacam SX, MPEG IMX and Digital Betacam S-cassettes and L-cassettes. They also have all the features required for viewing and logging, and – although not designed for linear editing applications or on-air use – are ideal for source feeding to

servers or non-linear editing systems. The J-30 provides composite and component analogue video outputs, while the J-30/SDI has composite analogue and SDI outputs. Both models have an i.LINK interface for feeding material to DV-based editing applications, and are supplied with an infra-red remote controller. The J-30 and J-30/SDI also have a jog/shuttle dial, 525/625 versatility, simple remote control via RS-422A and audio meters – all packed into their compact size.

J-30
J-30/SDI



- Extremely compact: 307 x 100 x 397 mm (12 1/8 x 4 x 15 1/2 inches) in size and just 8 kg in weight
- i.LINK interface (25 Mb/s DV output, and remote control input via 6-pin IEEE-1394)
- Playback of Betacam, Betacam SP, Betacam SX, MPEG IMX and Digital Betacam cassettes
- Playback of S-cassettes and L-cassettes
- Jog/Shuttle dial with x20 maximum search speed for Digital Betacam cassettes
- Infra-red remote controller
- 525/625 switchable for international operation
- Monitor output of 2 audio channels (selectable on front panel)
- Audio meters for display of the selected 2 channels of audio
- Industry-standard RS-422A control interface for remote feeding into servers and non-linear editors

J-30 only

- Composite analogue and component analogue video outputs

J-30/SDI only

- Composite analogue and 2 SDI outputs (one with superimposed characters)
- Timecode output via BNC connector
- Built-in UMID (Unique Material Identifier) reader
- 4 channels of digital output via SDI (8 channels when replaying MPEG IMX cassettes)