SONY

J series

Compact Player

J-1/J-2/J-3

Compact Players for your desk!

Ideal Personal-Use Compact Players

The design concept of the J series Compact Players was for affordable, compact office viewers to be used by producers, journalists and production staff. The result is three models that are ideal for personal, desktop use. At the same time, they have all the features required for viewing, logging and source feeding to servers or nonlinear editing systems.

All J series Compact Players can playback Betacam SX™, Betacam SP™ and Betacam™ tapes. In addition to this ability to playback analog Betacam formats, the J-2 Compact Player can playback MPEG IMX™ tapes while the J-3 model adds both MPEG IMX and Digital Betacam™ tape playback. All models have a Jog/Shuttle dial, 525/625 versatility, simple remote control capability via RS-422A and audio meters - all packed into their compact housings. They can even handle L-size cassettes.

■ Compact Player J-1

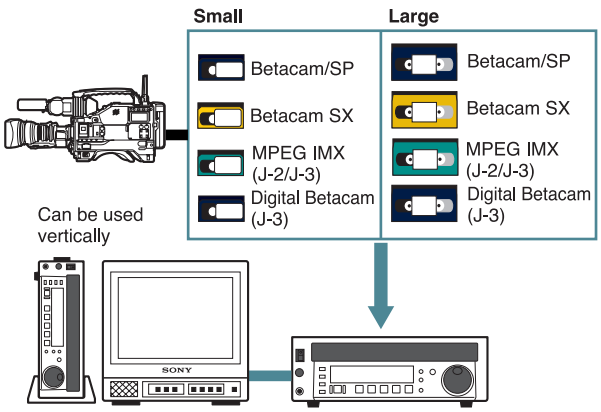
■ Compact Player J-2

■ Compact Player J-3

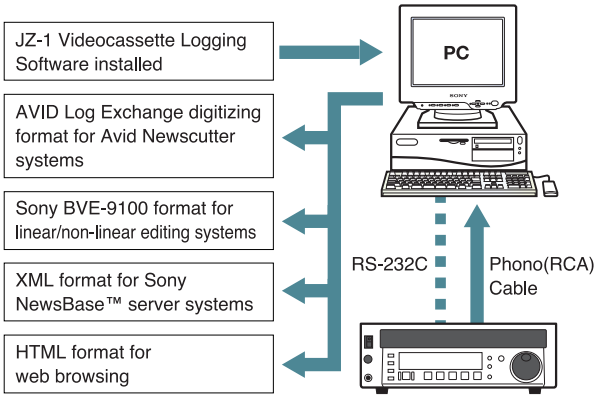
■ Actual size

J series Main Applications

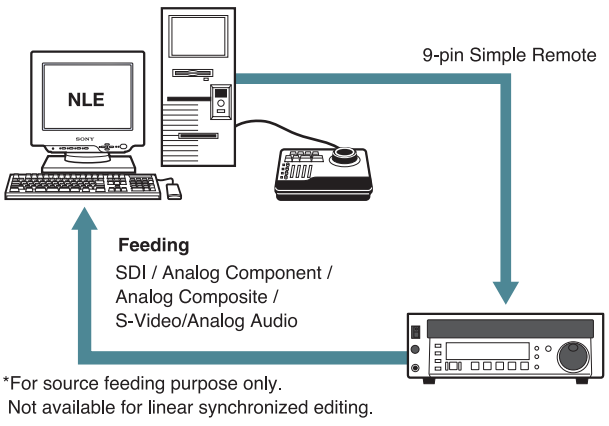
1 Viewing



2 Logging

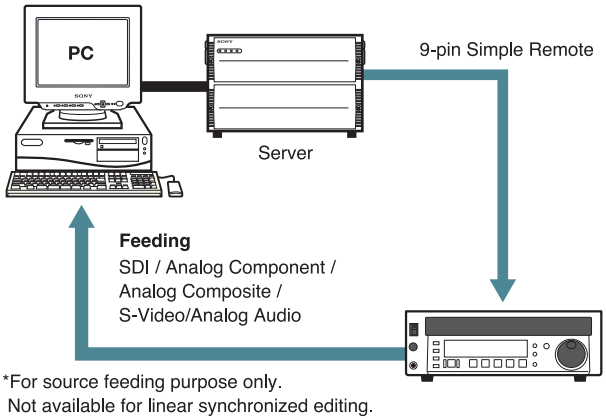


3 Source Feeding to NLE

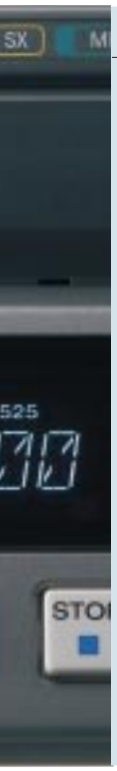


*For source feeding purpose only.
Not available for linear synchronized editing.

4 Source Feeding to Server

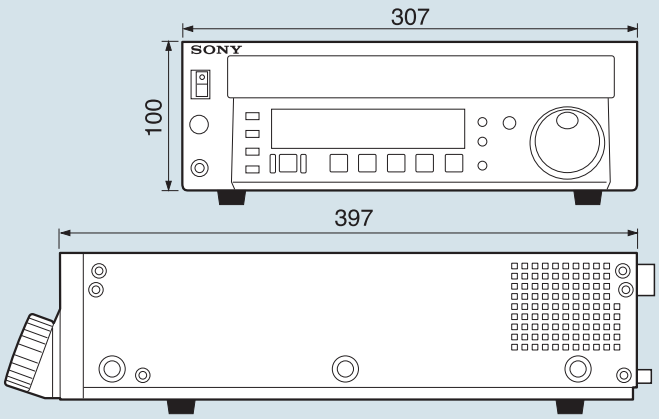


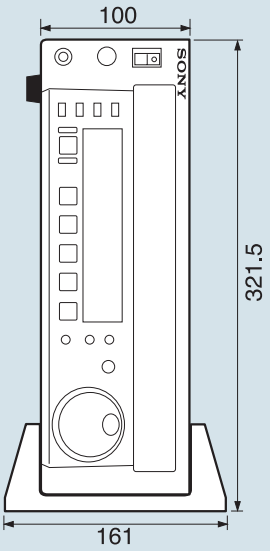
*For source feeding purpose only.
Not available for linear synchronized editing.



Compact body design

J series Compact Players are extremely compact. They are just 307 x 100 x 397 mm (12 1/8 x 4 x 15 3/4 inches) in size and weigh only 7 kg (15 lb 7 oz). Their compact design allows them to fit on the desks of busy producers, journalists and editors. They operate equally well used horizontally or standing upright on either end using the supplied vertical stand.

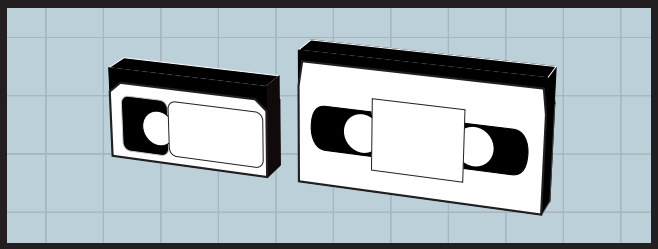




Main Features

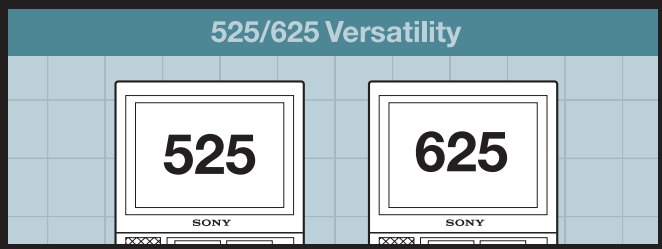
Replay of both Small and Large cassettes

Despite their very compact body size, J series Compact Players can play Large as well as Small size cassettes.



525/625 versatility

J series Compact Players are easily switched between 525/60 and 625/50 playback modes. This enables them to work in international environments.



Betacam, Betacam SP, Betacam SX, MPEG IMX and Digital Betacam tape playback capability

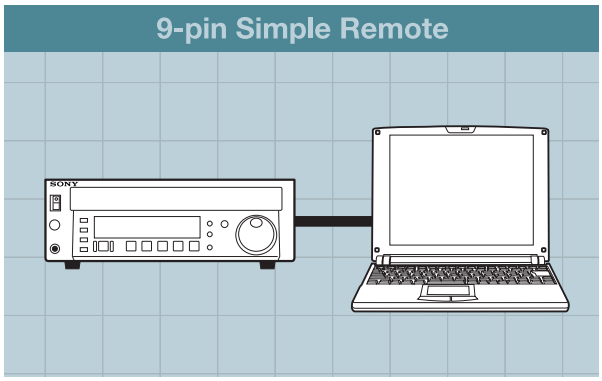
All J series Compact Players have the capability to play back Betacam SX, Betacam SP and Betacam tape recordings. The J-2 Compact Player has the added capability of MPEG IMX tape playback. The J-3 Compact Player adds the playback capability of both MPEG IMX and Digital Betacam recordings. During cassette loading, each format is automatically identified for playback, so no menu settings or switching is necessary.

J-1	BETACAM · BETACAM SP · BETACAM SX
J-2	BETACAM · BETACAM SP · BETACAM SX · MPEG IMX
J-3	BETACAM · BETACAM SP · BETACAM SX · MPEG IMX · Digital BETACAM

Source feeding to server/NLE by simple remote control via RS-422A

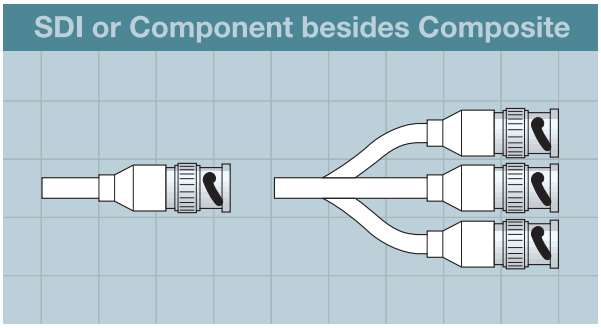
Equipped with the industry standard RS-422A Sony 9-pin remote control interface, J series Compact Players can be used not only for viewing and logging but also for feeding source material to servers and nonlinear editors.

* J series Compact Players can not be used as editing players in conventional linear editing applications.



Choice of analog component output or SDI output

You have a choice of output board with a J series Compact Player. Two types are available, the BKJ-1 Analog Component Output Board and the BKJ-2 SDI Output Board. Both boards also have analog composite video, S-video and analog audio outputs. This choice of output board gives you either an analog component output or an SDI output, plus the common outputs.



An affordable tape logging system with JZ-1 software

The combined use of a J series player and JZ-1 Videocassette Logging Software creates an affordable tape logging system available to all playback-compatible VTR formats. This is achieved by connecting a J series player to a PC* running JZ- 1 software via an RS-232C cable. This software provides an easy-to-use GUI to create log data of edit in/out points and to add simple comments to each logged scene. In addition, a storyboard function is available to assemble a sequence of logged scenes into a simple EDL prior to data export. Log lists can be exported in a variety of formats including the AVID Log Exchange digitizing format for Avid Newscutter, the Sony BVE-9100 format for linear/non-linear editing systems, the XML format for Sony NewsBase™ server systems, and the HTML format for web browsing.

*An appropriate video capture card must be installed in the PC.

Tele-File™ system

Another important option to increase editing efficiency is the Sony Tele-File system, a non-contact read/write system for storing production-related data on an IC memory embedded in a 1/2-inch cassette label. Connecting a PC running JZ-1 Videocassette Logging Software to a J series VTR allows information to be read from and written to a Tele-File label (option: MLB-1M-100) via GUI-based operations.

Shot Mark handling

The J series VTRs can scan tapes with Shot Marks and automatically detect their positions. After scanning, a list of all marks can be displayed on a video monitor, allowing easy cueing to any mark.

Specifications

			J-1	J-2	J-3
General	Power requirements		AC 100 V to 240 V, 50/60 Hz		
	Power consumption		50W		
	Operating temperature		+5°C to +40°C (+41°F to +104°F)		
	Storage temperature		-20°C to +60°C (-4°F to +140°F)		
	Humidity		25% to 80% (relative humidity)		
	Mass		7 kg (15 lb 7 oz)		
	Dimensions (WxHxD)		307 x 100 x 397 mm (12 1/8 x 4 x 15 3/4 inches)		
	Tape speed	Digital Betacam			96.7 mm/s
		MPEG IMX		64.467 mm/s (525 mode), 53.776 mm/s (625 mode)	
		Betacam SX	59.515 mm/s (525 mode), 59.575 mm/s (625 mode)		
		Betacam/Betacam SP	118.6 mm/s (525 mode), 101.5 mm/s (625 mode)		
	Playback time	Digital Betacam			Max. 124 min with BCT-D124L
		MPEG IMX		MAX. 184 (525 mode)/220 (625 mode) min with BCT-184 MXL cassette	
		Betacam SX	Max. 194 min with BCT-194SXLA cassette		
		Betacam/Betacam SP	MAX. 90 (525 mode)/105 (625 mode) min with BCT-90MLA cassette		
	Fast forward/rewind time	Digital Betacam			Approx. 5 min with BCT-D124L
		MPEG IMX		Approx. 5 min with BCT-184MXL cassette	
		Betacam SX	Approx. 5 min with BCT-184SXLA cassette		
		Betacam/Betacam SP	Approx. 5 min with BCT-90MLA cassette		
	Search speed range	Digital Betacam			±20 times normal playback speed
		MPEG IMX		±32 times normal playback speed	
		Betacam SX	±35 times normal playback speed		
		Betacam/Betacam SP	±18 times normal playback speed		
	Servo lock time		0.5 s or less (from standby on)		
	Load/unload time		6 s or less		
Input signal	Ext. sync		BNC (x1), Frame lock		
Output signals	Analog composite output		BNC (x1), Pin Jack (x1), 1.0 Vp-p, 75ohms		
	S-video output		Mini DIN 4-pin (x1),Y: 1.0 Vp-p, C.0.286 Vp-p burst, 75ohms		
	Analog component output (with optional BKJ-1)		BNC (x3), Y: 1.0 Vp-p, R-Y/B-Y: 0.7 Vp-p, 75ohms		
	SDI output (with optional BKJ-2)		BNC (x1), SMPTE 259M, 270 Mb/s, 0.8 Vp-p, 75ohms		
	Remote control	RS-422A	D-sub 9-pin (female) (x1), Sony 9-pin remote interface		
		RS-232C	D-sub 9-pin (female) (x1)		
	Monitor output L/R		Pin Jack (x1): -10 dBu at 47 kohms load, unbalanced, XLR (male x2): +4 dBm, 600 ohms load, low impedance, balanced		
	Headphone output		JM-60 Stereo Phone Jack, -∞ to -12 dBu at 8 ohms load, unbalanced		
Supplied accessories			Operation manual (CD-ROM) (x1)		
			Vertical stand (X2)		
			Quick Operation Guide (X1)		
Optional accessories			BKJ-1 Analog Component Output Board BKJ-2 SDI Output Board		

* You are to choose either of the optional output boards (BKJ-1 or BKJ-2) when you purchase a J series player

Rear Panel

J-1/J-2/J-3 with BKJ-1

J-1/J-2/J-3 with BKJ-2

Optional Accessories

BKJ-1 Analog Component Output Board

BKJ-2 SDI Output Board

J series Compact Players and output boards are available in the following combinations;

J-1 & BKJ-1 (J-1/901)
J-2 & BKJ-1 (J-2/901)
J-3 & BKJ-1 (J-3/901)
J-1 & BKJ-2 (J-1/902)
J-2 & BKJ-2 (J-2/902)
J-3 & BKJ-2 (J-3/902)

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