

The J-3 (also referred to simply as the unit in this manual) is a compact player based on the 1/2-inch tape format. It plays tapes recorded in conventional Betacam/Betacam SP format. The following are some of the features of the unit.

Compatible format for playback

The unit can play tapes in the following formats:

- Digital Betacam format
- MPEG IMX format
- Betacam SX format
- Betacam/Betacam SP format

Head configuration

In addition to digital playback heads for the Digital Betacam, MPEG IMX and Betacam SX, the unit also has analog playback heads for the analog Betacam SP.

Digital signal processing

This unit processes digital signals conforming to the 4:2:2 component digital D-1 format.

The unit is compatible with the Digital Betacam, the Betacam SX for the MPEG2 4:2:2 P@ML interframe format, and the MPEG IMX for the MPEG2 4:2:2 P@ML intraframe format

High image quality, high audio quality, high reliability

Complying with the data rates for the Digital Betacam, MPEG IMX and Betacam SX, this unit achieves playback with both high image and high audio quality.

The unit also has a powerful error-correcting system.

Playback compatibility with Betacam/Betacam SP

The unit plays tapes recorded in the Betacam/Betacam SP format. This makes for efficient use of existing material in the Betacam/Betacam SP format.

Since the unit does not have a dynamic tracking function, the tape may not replay correctly if the recording pattern on the tape are disturbed.

Compact design

Since this unit is as compact as a standard desktop personal computer in size, it is ideal for personal use on your desktop. In addition, front loading of both S and L cassettes is available.

Feeder function

This unit can be used not only as a Player but also as a Feeder. Connected to a PC, the unit controls images and feeds images to the PC via a remote connector (RS-422A) on the control panel.

Various output signals

The unit outputs the following signals depending on the interface board used: the BKJ-1 or the BKJ-2.

BKJ-1: Analog video (composite/component/S video)

BKJ-2: Analog video (composite/S video) and digital video (SDI output)

Either board is equipped with Analog audio (L/R).

Menu-based setup

Initial settings for the unit's operating condition, interfaces with connected equipment, and so forth can be made by means of menu operations on the front panel of the unit.

Wide range of status indicators

The large-sized fluorescent display is provided to show numerical values including audio level, time code, user bits, error messages, and setup menu information in addition to the operating status and current settings of this unit.

Minimal maintenance

The unit is designed to need minimal maintenance, and requires no daily maintenance or checks. The drum and other components have reduced maintenance costs.

Vertical installation

This unit allows you to install it vertically by using the supplied vertical installation stands. The unit can be installed either vertically or horizontally, saving space on your desktop.