

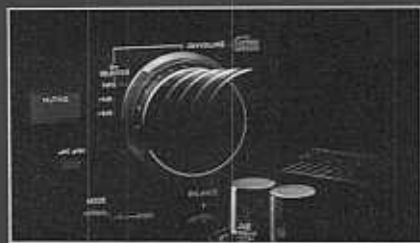
# JVC<sup>®</sup>

Hi-Fi VHS Duplicator

# BR-7000UA



# VHS plus High Fidelity Sound: A Solid Combination for the Video Software Professional



**JVC, an industry pace-setter with more than 55 years of expertise in the cutting and manufacturing of records, has grown to be a recognized leader in the audio field with a world-wide reputation for outstanding and innovative hi-fi technology. As the originator of VHS, the world's most reliable and popular video format, JVC has practically become a household word.**

**And now, JVC introduces the BR-7000UA professional duplicator — a total Hi-Fi/VHS package with a range of characteristics embodying everything JVC's reputation stands for. Take a look; see and hear for yourself. The BR-7000UA sets new standards for professional duplicators not only in terms of audio/video quality, but for dependability, simple maintenance and sheer convenience. If you've been yearning to tune in to the age of hi-fi video, here's your chance: JVC's BR-7000UA.**



THE CHICK COREA ELEKTRIC BAND

## **Quality Hi-Fi Sound in Video**

To achieve superior audio performance from a videotape, JVC's BR-7000UA incorporates a rotary head used only for hi-fi recording. The result is superb recording/playback characteristics with vastly improved frequency response, a wider dynamic range and greatly reduced wow and flutter.

## **Direct-Drive Motors plus Heavy-Duty Chassis**

The BR-7000UA has been designed to give continuous, trouble-free use for years. Servo-controlled, direct-drive motors not only ensure greater viewing stability, but they are also more reliable. And to make them even stronger, they have been firmly mounted on a high-precision die-cast chassis made of rugged aluminum.





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MICHAEL BRECKER



connectors can moreover be recorded onto the Hi-Fi track separately from those sent into the Normal connectors, which are recorded on the longitudinal track.

## Simple, Dependable Maintenance

### Easy Frontal Access to Essential Test Points

All the most vital test points, such as the hi-fi audio head, video head and the hi-fi audio and normal audio signal outputs, are conveniently located on the front panel. This greatly facilitates operational pre-checking on the BR-7000UA without having to open the top panel, cuts down checking time and assures optimum performance throughout its service life.

### Front Panel Hour Meter

The total number of head drum rotating hours are displayed on a meter on the front panel of the BR-7000UA. Thanks to the meter reading, you can assess when the head requires replacing, cleaning or maintenance — key factors for permanently keeping the duplicator in optimum operating order.

### Easy Tape Path Maintenance

For taking the toil out of cleaning the tape path, the BR-7000UA has been provided with an access hole with cover in the top panel.

### Automatic Video Head Cleaning Mechanism

The video head is automatically cleaned while a tape is loaded or unloaded.



- 1 Hi-Fi audio head output signal test point
- 2 Video head output signal test point
- 3 Hi-Fi audio output signal test points
- 4 NORMAL audio output signal test points
- 5 D-PULSE pin
- 6 GND pin

## More Advantages from Additional Features

### Standard 19" Rack Stacking Capability

Designed with the user's convenience foremost in mind, the BR-7000UA has been built to fit a standard 19" rack for space-saving stack-mounting.

### Full Repeat Function

Being endowed with a full repeat function, the BR-7000UA duplicator can also be used as equipment for continuous hi-fi VHS playback.

\*Dolby and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.



## Reliable Features Say Super Convenience

### Professional Hi-Fi Dubbing System

Thanks to the BR-7000UA's built-in serial coding system, you can create a whole professional system carrying out hi-fi dubbing operations with matchless efficiency. Dubbing operations are further simplified by the BR-7000UA's serial and parallel remote control capability of Record, Play, FF, REW, Stop, Pause, Rec. Pause, Eject and Hi-Fi Record on/off (only by serial remote controller). Each BR-7000UA is also supplied with a cover over the control buttons and switches on the front panel, which prevents the BR-7000UA from operating accidentally when under serial coded remote control.

### Outsize Cassette Mounting Guide

Big, sturdy cassette guides mean easier cassette loading and unloading. For correct operation, simply insert the videocassette into the cassette loading slot.

### Big, One-Glance Audio/Video Level Meters

Enlarged audio and video level meters afford monitoring recording/playback/EE levels for both video and audio at a glance. The audio level meter can be switched between hi-fi and normal recording modes as required and, when the BR-7000UA is in playback mode, the video level meter also functions as a tracking meter.

### Manually Adjusted Video Recording

The fine-adjustment of video recording levels is normally carried out automatically by an AGC circuit. Designed for the demanding professional, the BR-7000UA actually allows delicate manual adjustments by referring to the video level meter. A selector is provided on the front for switching between manual and auto modes.

### Accidental Erasure Override

The BR-7000UA can even record over a used video-cassette — one that has the tabs removed to prevent erasure. This saves the time and effort normally taken over preparing cassettes for rerecording, such as by taping over the tab slots.

### High Quality Sound in Normal Audio Mode

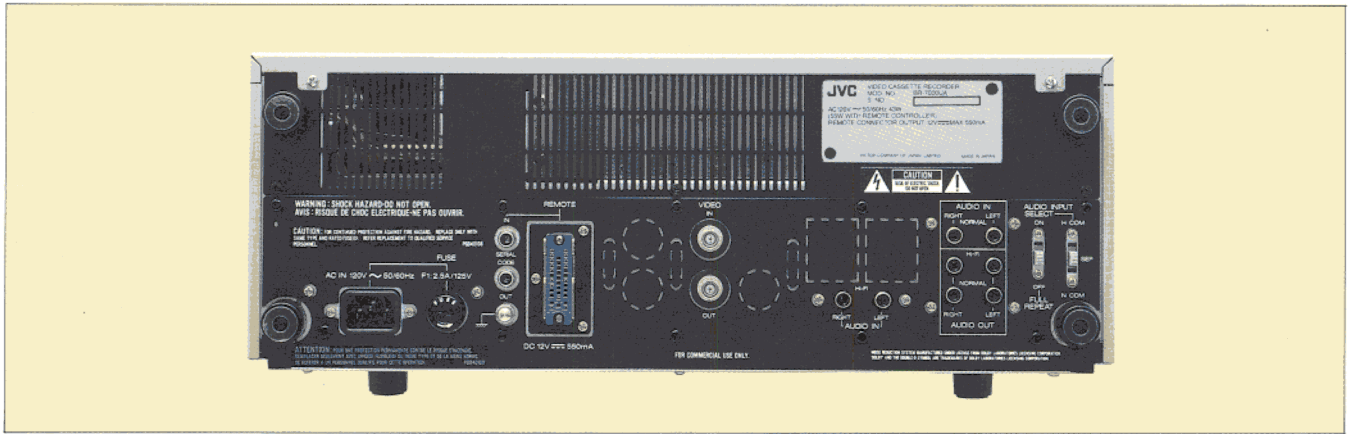
If you're producing video software with normal sound recording, simply turn the Hi-Fi Rec switch to the "Off" position. The Dolby\* noise reduction system still assures that the sound quality is greatly enhanced in the normal audio mode.

### Two Audio Inputs for Recording Flexibility

The BR-7000UA is equipped with 2 sets of audio input connectors, one each for Hi-Fi and Normal recording. A flick of the switch on the rear panel and the audio signals input to either of the connectors — whether Hi-Fi or Normal — can be recorded onto both Hi-Fi and longitudinal audio tracks. If the switch is set in the separate recording position, signals input in the Hi-Fi



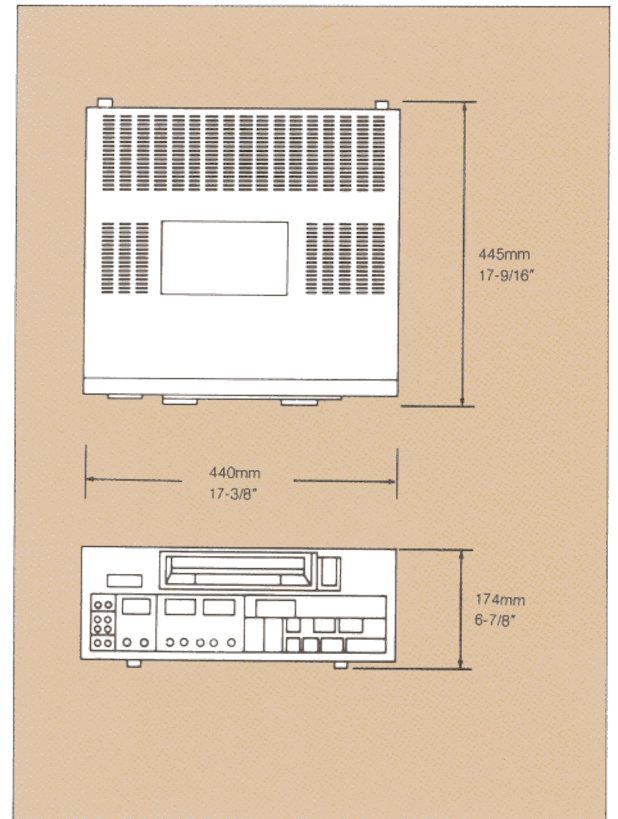
## VERSATILE REAR PANEL CONNECTIONS



### SPECIFICATIONS

GENERAL	
Format	VHS 1/2" NTSC Standard
Power requirement	AC 120V~, 50/60 Hz
Power consumption	43 watts (Max. 55 watts with remote control unit, 12V DC, 550mA)
Dimensions	440(W)×174(H)×445(D)mm (17-3/8"×6-7/8"×17-9/16")
Weight	17.5 kg (39 lbs)
Operating temperature	5°C to 40°C
Tape speed	33.35 mm/sec.
Recording time	Max. 120 min. with T-120 cassette
FF/REW time	Less than 4.0 min. with T-120 cassette
VIDEO	
Video signal system	NTSC color and EIA monochrome signals, 525 lines
Input	0.5 to 2.0 Vp-p, 75 ohms, unbalanced
Output	1.0Vp-p, 75 ohms, unbalanced
Signal-to-noise ratio	45dB (Rohde and Schwarz)
Horizontal resolution	240 lines (Color) 300 lines (B/W)
AUDIO	
Input	-6dBs, 10k-ohms, unbalanced
Output	-6dBs, 1 k-ohms, unbalanced (Normal, Hi-Fi)
Frequency response	20Hz to 12kHz (Normal) 20Hz to 20kHz (Hi-Fi)
Dynamic range	90dB (Hi-Fi)
Signal-to-noise ratio	Hi-Fi: 72dB Normal: 48dB (NR-on), 44dB (NR-off) with 3% distortion
Wow and flutter	Less than 0.005% WRMS (Hi-Fi) Less than 0.25% WRMS (Normal)
CONNECTORS	
Video input/output	BNC-type
Audio input	RCA (Normal, Hi-Fi)
Audio output	RCA (Normal, Hi-Fi)
Remote control	Parallel command: 34-pin connector Serial command: RCA connector (number of units interconnected depends upon the controller used.)
AC IN	3-wired AC connector

### DIMENSIONS



#### WARNING TO PURCHASERS:

The unauthorized recording of copyrighted broadcast programs for commercial purposes may be copyright infringement.

*Design and specifications subject to change without notice.*

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DIVISION OF US JVC CORP.  
41 Slater Drive, Elmwood Park, N.J. 07407  
JVC CANADA INC.

21 Finchdene Square, Scarborough, Ontario M1X 1A7