



DVD-ROM DRIVE

BEDIENUNGSANLEITUNG : DVD-ROM-LAUFWERK

MANUEL D'INSTRUCTIONS : UNITE DVD-ROM

使用说明书 : DVD-ROM 驱动器

ENGLISH

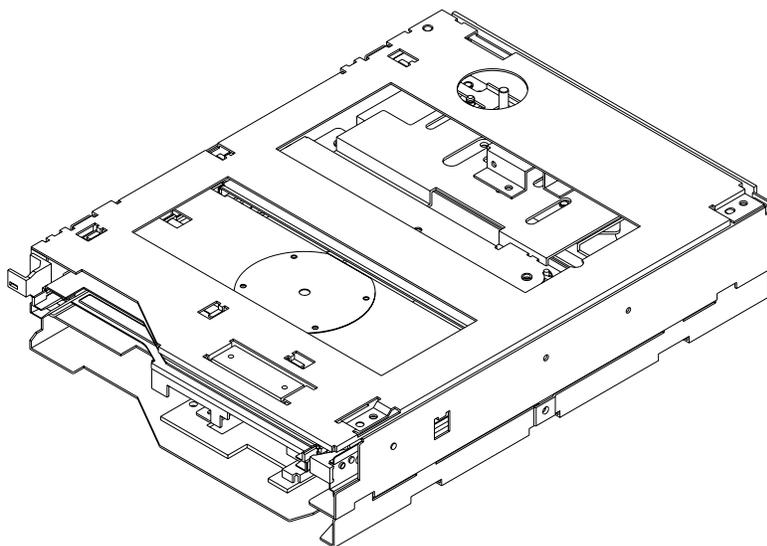
DEUTSCH

FRANÇAIS

中文

MC-D207U

INSTRUCTIONS



For Customer Use:

Enter below the Model No. and Serial No. which are located at the top of the unit. Retain this information for future reference.

Model No. MC-D207U

Serial No. _____

This instruction manual has been manufactured from 100% recycled paper.

Thank you for purchasing the JVC MC-D207U DVD-ROM DRIVE.

Before you start operating this unit, please read the instructions carefully in order to obtain the best possible performance.

1. **DANGER:** Invisible laser radiation will occur when the unit is open with a failed or defeated interlock.
2. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.

- This unit is a DVD-ROM drive with a 7x speed capability. It especially designed for the JVC CD-ROM Library or CD/DVD Library. It is not compatible with the MC-7000 series “DVD-RAM Library”.
- The MC-D207U cannot be operated separately.
- A DVD videodisk playback is not possible with the MC-D207U.

■ ROM Replacement

When this drive is mounted in the MC-1200U/1600U or MC-2200U/2600U CD-ROM Library, certain serial numbers may require to replace the ROM.

Read the section “ROM REPLACEMENT IN THE CD-ROM LIBRARY” on page 6 for the first time.

ACCESSORIES AND DOCUMENTATION

Accessories

Drive locking screw (M3 with washer) 2 (including one spare)

Documentation

Instructions 1

INSTALLATION

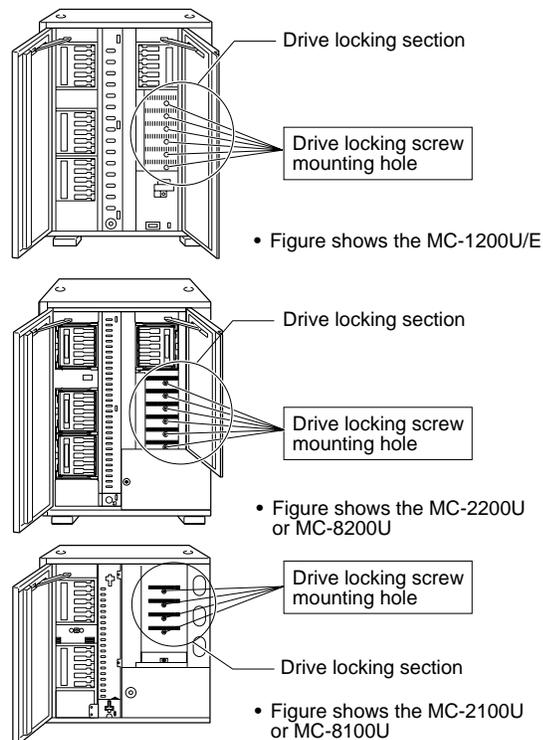
■ Please refer to the instruction manual of your Library for more information about the CD-ROM or CD/DVD Library.

1. How to Open the Door of the JVC Library

■ In order to open the door, please also refer to the section “HOW TO OPEN THE DOOR DURING OPERATION” in the instructions for the JVC CD-ROM or CD/DVD Library.

1. Select the [DOOR OPEN MODE] on the MENU screen of the LCD display section.
2. Press and hold the “SELECT” switch for five seconds.
3. Turn off the power of the JVC Library when the [YOU MAY OPEN THE DOOR] or [THE DOOR CAN BE OPENED] message is displayed on the LCD display section.
4. Insert the key in the key cylinder located at the center of the door and turn it 90 degrees counterclockwise to unlock and open the door.

■ Before you start installing the DVD-ROM Drive, be sure to turn off the power of the host computer, all peripheral devices and the Library.

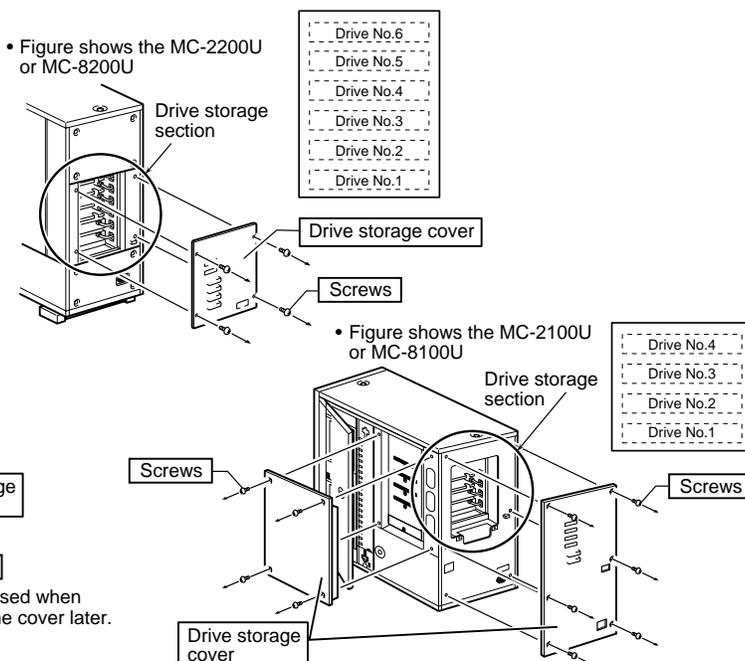


INSTALLATION

2. How to Open the Drive Storage Cover

■ Please also refer to the corresponding sections in the Library instructions.

1. Remove the screws from the drive section cover, which is located at the rear of the Library.
2. Remove the drive storage cover.

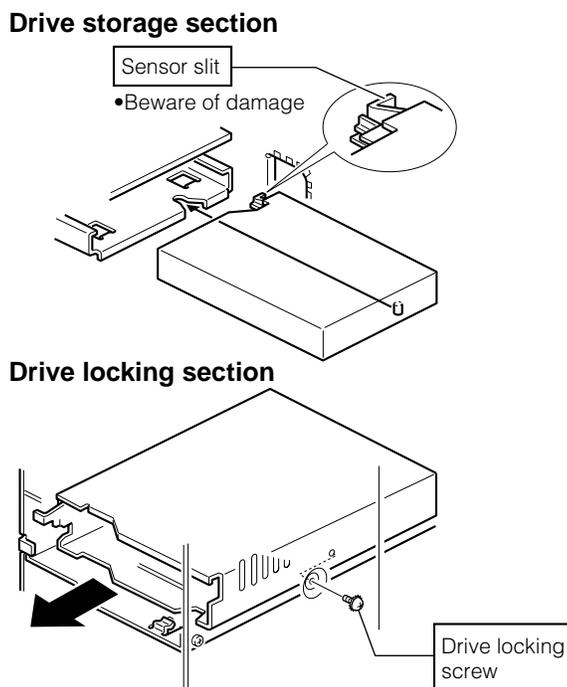


3. How to Determine the Installation Position of the DVD-ROM Drive

1. Install drive from the No.1 to No.6 slot in that order without skipping.
 - Starting installation from the lowest No.1 slot will simplify future installation work.

4. How to Install the DVD-ROM Drive

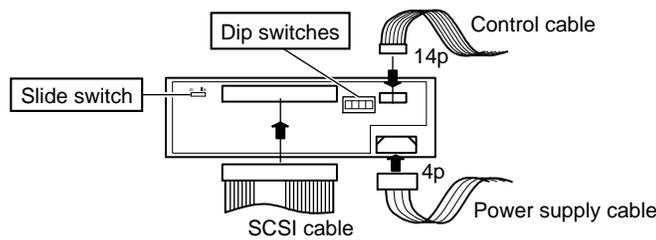
1. Insert the drive from the rear of the JVC CD-ROM or CD/DVD Library.
 - Pay attention not to damage the sensor slit.
 - Always insert the DVD-ROM Drive correctly.
 - Check that cables connected on the rear of the unit are not caught or pinched when inserting the DVD-ROM Drive.
2. Insert the DVD-ROM Drive slowly until the screw installation hole located on the side of the DVD-ROM Drive and the screw installation hole located on the drive locking section are aligned.
3. Lock the DVD-ROM Drive in place by using the drive locking screw on the door panel side of the drive.
 - Tighten the screw firmly.
 - If the drive locking screw is loose, the drive and/or CD-ROM, CD/DVD Library could suffer damage.



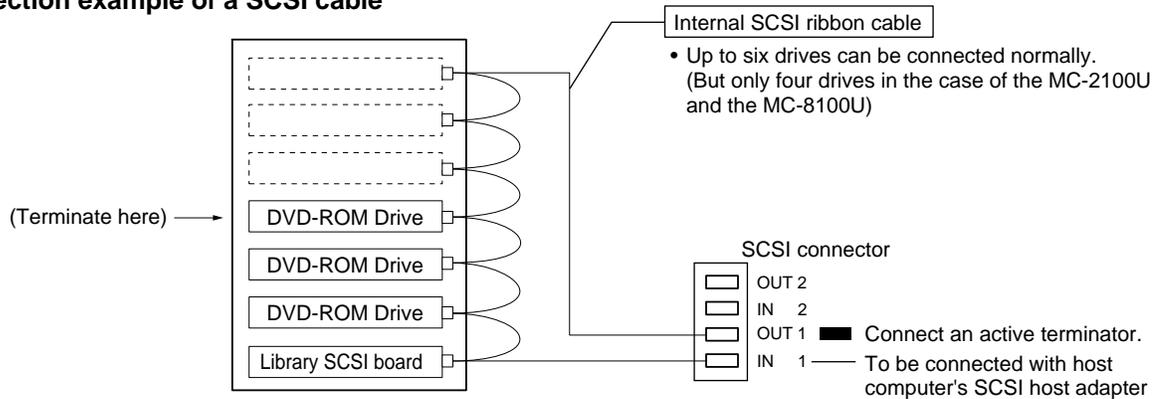
5. How To Connect Cables To The DVD-ROM Drive

1. Connect the power supply cable, control cable and SCSI cable to the connectors at the rear of the DVD-ROM Drive.
 - Connect to the drive the power supply cable and control cable which extend from the side of the DVD-ROM drive installation slot.
 - With the MC-2100U and the MC-8100U models be sure to connect a control cable with the same component No., as the drive bay No., otherwise proper operation may not be possible.
 - Insert all connectors firmly.

Rear section of the DVD-ROM Drive



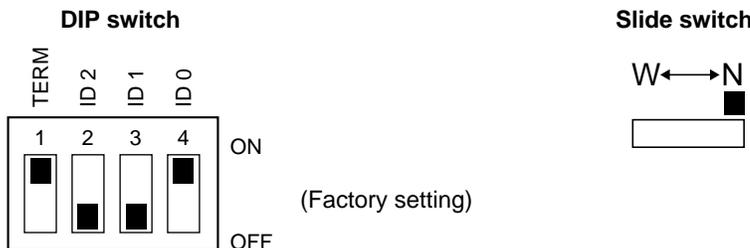
Connection example of a SCSI cable



- SCSI cables should be connected as a daisy chain connection. Each connector may be connected to the drive positions as illustrated in the diagram.
- Terminate the physical end of the SCSI bus. To use the built-in drive terminator, read [6]-1.
- It is recommended to use an external terminator to improve the stability of the SCSI bus communications.

6. How To Set The Dip and Slide Switches

- Always turn OFF the power of Library when you set the dip switch modes.



1. TERM : This selects the use of the built-in terminator.
 - To use the built-in drive terminator, set the TERM of the drive to ON and the TERM of other drives to OFF.
 - When not using the built-in terminator, attach an active SCSI terminator to the OUT side of the SCSI connector. In this case, set the TERM of all built-in drives to OFF.

INSTALLATION

2. ID2 - ID0 : This sets the SCSI ID No. on the drives.

SCSI ID No.	Switch			Remarks
	ID2	ID1	ID0	
0	OFF	OFF	OFF	
1	OFF	OFF	ON	Default factory setting
2	OFF	ON	OFF	
3	OFF	ON	ON	
4	ON	OFF	OFF	
5	ON	OFF	ON	
6	ON	ON	OFF	
7	ON	ON	ON	

■ Set the SCSI ID No. between 0 - 7 using only an ID No. that is not being used by other SCSI devices.

■ For the details on default factory settings, please refer to the section "SCSI ID No. SETTING" of the instructions for the JVC CD-ROM or CD/DVD Library.

3. Set the slide switch.

■ Be sure to set the slide switch to N for use. (The position W is provided for service use only.)

7. How To Refit The Drive Storage Cover

■ Always refit the drive storage cover before switching ON the JVC CD-ROM or CD/DVD Library.

1. Fasten the cover with the screws that were removed in the procedure ([2] -1).

8. How To Close And Lock The Door Of The JVC CD-ROM or CD/DVD Library

■ Always close and lock the door before switching ON the JVC CD-ROM or CD/DVD Library.

1. Close the door and lock the key cylinder.

2. Turn the power switch ON.

■ Before you add, remove or replace drives, and/or change the SCSI ID No., turn OFF the power of the host computer. Remember to turn it ON again after completing the necessary operations.

9. Automatic Drive Detection Mode

■ Please also refer to the corresponding sections in the CD/DVD Library instructions.

■ If using the CD/DVD Library MC-8100U/8200U/8600U, be sure to execute the auto drive detection mode after installing, adding, exchanging or removing drives, to prevent any malfunction.

1. While holding the "8" key on the control panel, turn on the power of the Library.

2. When the LCD display shows "DRIVE DETECTION COMPLETED", turn off the power of the Library.

3. Turn the Library on again.

ROM REPLACEMENT IN THE CD-ROM LIBRARY

If the DVD-ROM drive is being mounted in a MC-2200U/2200PU/2600U/2600PU or MC-1200U/1600U CD-ROM Library and does not meet the following conditions, the ROM is required to be replaced in the Library.

Please consult your dealer or nearest JVC-authorized service agent for ROM replacement.

- The library already has a MC-D207U mounted within the unit.
- The library already has a MC-D104U or a MC-R18U drive mounted within the unit.
- The library is a MC-2200U/2200PU/2600U/2600PU CD-ROM Library and has the last four digits of the serial number as follows.
 - MC-2200U: 0092 or after.
 - MC-2200PU: 0081 or after.
 - MC-2600U: 0387 or after.
 - MC-2600PU: 0061 or after.

■ For the ROM replacement method, please consult your dealer or nearest JVC-authorized service agent.

SPECIFICATIONS

Applicable discs (Playback only)	: CD, CD-ROM Mode-1, CD-ROM Mode-2 (XA, CD-I, Photo-CD, Video CD) and CD-R/RW written in accordance with YELLOW BOOK, RED BOOK, GREEN BOOK and ORANGE BOOK regulations may be applicable. DVD-ROM (Single layer: 4.7 GB/single-sided, double layer: 8.5 GB/single-sided) DVD-R (4.7 GB or 3.95 GB, disc at once) DVD-RAM (Ver. 2.1: single-sided 4.7 GB or double-sided 9.4 GB) DVD-RAM (Ver. 1.0: single-sided 2.6 GB) * Note 1: The following formatted media may not perform satisfactorily depending on the write conditions: CD-R, CD-RW, DVD-R and DVD-RAM. * Note 2: In order to prevent problems when using the DVD-RAM, a system that has the two features described below should be adopted. Please inquire about details for establishing this system at your dealer or the nearest JVC-authorized service agent. <ul style="list-style-type: none">• The feature that allows the disc to be re-loaded to the disc-drive a second time. The machine may recognize a disc after having failed to recognize it at the first loading.• The feature that permits the timeout period for disc recognition to be set. * Note 3: Only the discs with a diameter of 120 mm are applicable.
Interface	: SCSI-2
Data transfer speed	: Sustained (When the host adapter is set to the maximum sync transfer rate of 20 Mbytes/s) CD-ROM: Approx. 6 Mbytes/s max. (40X max., CAV) DVD-ROM (Single layer): Approx. 10 Mbytes/s max. (7X max., CAV) DVD-ROM (Double Layer): Approx. 10 Mbytes/s max. (7X max., CAV) DVD-R (3.95 GB or 4.7 GB): Approx. 3.46 Mbytes/s max. (2.3X max., CAV) DVD-RAM (Single-sided 4.7 GB, single-sided 2.6 GB): Approx. 2.77 Mbytes/s typ. (2X max., CAV) Burst 5 Mbytes/s (asynchronous) 10 Mbytes/s (synchronous)
Average access time (1/3 stroke, typ)	: DVD-ROM 135 ms CD-ROM 125 ms The above values were measured using JVC's measurement method.
Buffer capacity	: 512 kbytes
Operating environment	: Temperature 5 °C to 35 °C Humidity 10 % to 80 % (without condensation)
External dimension	: 171 mm x 47 mm x 243 mm (W x H x D)
Weight	: 1.7 kg

■ The specifications and appearance of this unit are subject to change without notice.



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