

- The application product(LB-DF81) is the unit used in the system.
- This manual is the excerpt of only portions related to the application of the manual of whole system.

FCC Note:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Caution: To assure continued compliance, follow the attached installation instructions and use only shielded interface cables with ferrite core when connecting to computer or peripheral devices.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:

Panasonic Corporation of North America
Two Riverfront Plaza, Newark, NJ 07102-5490

Support Contact:

<http://www.panasonic.com/contactinfo>

[LB-DF83]

Fuse

Location: Center of rear panel

To replace a fuse:

1. Disconnect power and remove the AC plug.
2. Rotate the fuse holder counterclockwise and remove it.
3. After inserting the new fuse, rotate the fuse holder clockwise to fix it securely.

Type: F20AH 600 V

For continued protection against risk of fire, replace only with same type and rating of fuse.

AC Outlet

Location: Center of rear panel

Rated specification: 277 V 60 Hz

UNSWITCHED 4 A MAX.

Using an AC outlet of a higher rating than specified may cause risk of fire.

Product identification marking

Product	Location
Base Module	Front
Bottom Module	Front
Extension Unit	Side
Control Unit	Front
Server Bay	Back

For Customers

- No modifications may be made to the products.
- Installation can only be performed by the vendor.
- Please remove products that are no longer in use to prevent falls in case of an accident.

For Vendors

- No modifications may be made to the products.
- If the installation cannot be secured, reinforce to ensure sufficient strength.
- Make sure the specified accessories are used for the installation.
- Please follow the prescribed installation process.

Overview of functions

The Panasonic DATA ARCHIVER LB-DF8 series is a high-capacity storage library device using optical discs.

The LB-DF8 series forms a base storage library, employing a combination of one LB-DF80 base module, one LB-DF81 bottom module, five LB-DF82 extension modules, and one LB-DF83 server bay.

The Base Module has a set of built-in drive systems for reading and writing data and can store up to 76 magazines. The Bottom Module has the capability to insert/eject optical disks in the magazine to/from the drive system and to read the RFID tag embedded in the magazine.

The Extension Module is the magazine Extension Unit LB-XH82, which can store up to 76 magazines, including the Control Unit LB-XC82.

The Server Bay features slots for inserting the servers and an AC-DC converter as specified separately. In addition, the Server Bay has a dedicated slot with a DC-DC converter operating from the output of the AC-DC converter in order to supply power to the base and bottom modules.

The Slide Support Unit LB-XF001 includes seven sliding angle brackets to secure each of the modules to the rack.

Magazine

A single magazine stores 12 disks and has a capacity of 1.2 TB (unformatted/RAID 0).

Each magazine has a built-in HF RFID tag. When the drawer, which is on the back of each module, is pulled out and pushed in to store/replace/eject a magazine, the scanner starts the read operation of the RFID tag to obtain the magazine information for the system.

Maximum capacity of the unit

Maximum capacity per base system is 547.2 TB (456 magazines, unformatted/RAID 0).

Compatibility with 19-inch rack

The unit can be installed in a 19-inch rack conforming to the EIA standard.

Overview of functions

Component names

Preparatory work for
installation

Installation

Connection

Others