Introduction

The MSFD-20U (hereafter referred to as the “drive”) has the following features:
- Floppy disk drive with a 2x read/write speed.
- Comes equipped with a “Memory Stick” slot.
- The drive is powered by your computer’s USB connector, so there is no need to connect it to an external power source.
- Has a compact, lightweight design for portability.

System Requirements

The drive can be used with a computer with the following specifications:
- CPU: Pentium II 400 MHz or faster
- RAM: 64 MB or more
- Connected directly to your computer’s USB connector (root hub). Operation is not guaranteed when you connect the drive to other bus-powered hubs such as keyboard hubs.

Names and Functions of Parts

1. USB Connector
   - Connect to the USB connector of your computer.
2. Eject Button
   - Press this button to remove the floppy disk.
3. Floppy Disk Slot
   - Insert the floppy disk here.
4. Floppy Disk Busy Indicator
   - When data on a floppy disk is accessed, the indicator lights.
5. “Memory Stick” Slot
   - The “Memory Stick” is inserted in the correct direction.

Inserting and Removing Floppy Disks

To Insert a Floppy Disk

1. Insert the floppy disk into the floppy disk slot.
2. When you insert a “Memory Stick” at the same time a floppy disk is being accessed. (Before inserting a “Memory Stick” make sure that the floppy disk busy indicator is off.)

To Remove a Floppy Disk

1. Make sure that the floppy disk busy indicator is off, and then press the eject button. The floppy disk is ejected.
2. Remove the floppy disk from the drive.

Usage Notes

Usage with other USB devices

Because the drive is a high-powered device (bus-powered, draws 500 mA of current or less), it may malfunction if the power from the computer is not stable. Therefore, the drive operation is not guaranteed in the following situations:
- When using the drive at the same time as other high-powered USB devices such as hard disks, CD-ROM drives, scanners, and printers.
- When using multiple drives are connected at the same time.
- When using the drive at the same time as a bus-powered hub.
- When you insert a “Memory Stick” at the same time a floppy disk is being accessed. (Before inserting a “Memory Stick” make sure that the floppy disk busy indicator is off.)

Connection to the USB hub

- Connect the drive directly to your computer’s USB connector (root hub). Operation is not guaranteed when you connect the drive to other bus-powered hubs such as keyboard hubs.

Troubleshooting

Before consulting your Sony representative, verify the following. If you are still unable to identify or solve your problem, consult your retailer or Sony representative.

Problem | Cause/Solution
--- | ---
Your computer and the drive may not be properly connected. Disconnect the drive from the computer and reconnect it. | Your computer and the drive may not be properly connected. Disconnect the drive from the computer and reconnect it.
Under Windows Me, 2000, and 98 SE, the “Memory Stick” Reader/Writer icon is not displayed in the "My Computer" window when the drive is connected. Delete the floppy disk or “Memory Stick” Reader/Writer icon from "My Computer" window. | Under Windows Me, 2000, and 98 SE, the “Memory Stick” Reader/Writer icon is not displayed in the "My Computer" window when the drive is connected. Delete the floppy disk or “Memory Stick” Reader/Writer icon from "My Computer" window.
You may be trying to insert a floppy disk or “Memory Stick” in the wrong direction. Make sure that you insert them in the correct direction. | You may be trying to insert a floppy disk or “Memory Stick” in the wrong direction. Make sure that you insert them in the correct direction.
About Floppy Disks

Compatible floppy disks

The following floppy disks can be used with the drive.

<table>
<thead>
<tr>
<th>Format</th>
<th>Width (inches)</th>
<th>Height (inches)</th>
<th>Capacity (KB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 9660</td>
<td>1.44</td>
<td>3.5</td>
<td>1.44</td>
</tr>
<tr>
<td>ISO 9660</td>
<td>2.88</td>
<td>3.5</td>
<td>2.88</td>
</tr>
<tr>
<td>Long format ISO 9660</td>
<td>1.44</td>
<td>3.5</td>
<td>1.44</td>
</tr>
<tr>
<td>Long format ISO 9660</td>
<td>2.88</td>
<td>3.5</td>
<td>2.88</td>
</tr>
</tbody>
</table>

For details, refer to "Handling notes."