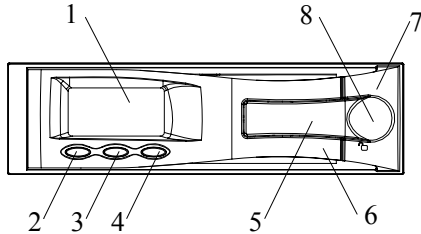




Model MRK-102FD

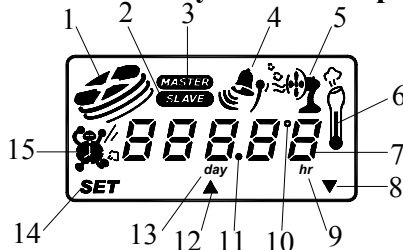
EZ-Swap Quick Installation Guide

1. Front Panel Description



- 1. LCD screen display
- 2. SET button
- 3. UP button
- 4. Down button
- 5. Active-handle
- 6. Handle
- 7. Cartridge frame
- 8. Key lock

2. LCD Screen Symbol Description



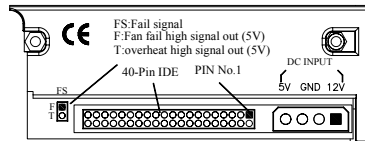
- 1. Hard drive access
- 2. SLAVE display
- 3. MASTER display
- 4. Alarm
- 5. Fan status
- 6. Temperature status
- 7. Numeric indicator
- 8. Down selector
- 9. Hour indicator
- 10. Degrees indicator
- 11. Decimal indicator
- 12. Up selector
- 13. Day indicator
- 14. SET selector
- 15. HUTR indicator

Note: HUTR (HDD Usage Time Record)

3. Default Setting

Item	Default Setting
Temperature detect	50.0°C (122.0°F)
MASTER/SLAVE Display	SLAVE
HUTR	0

4. Back-plane Description



5. Function Settings and Operation

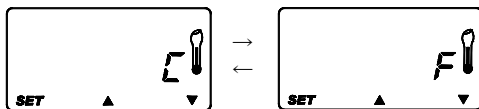
When power is turned on, the LCD screen displays the following:



- HDD mode: SLAVE (Default Setting)
- Surrounding temperature if at 30.6°C
- Press the "▲" or "▼" button, the LCD displays to the different modes accordingly: **Temperature Detection Setting** → **HUTR Display**.

5-1 Temperature Detection and °C/°F Settings

1. From Main Display, press "SET" button to enter **Temperature Setting Mode** and display the following:



- Press "▲" button or "▼" button to switch the °C → °F → °C.
- Press "SET" button to confirm your choice.

Model MRK-102FD

2. After confirming the °C/°F mode, enter **Temperature detection Setting mode**. The LCD screen flashes the following:

- Default setting: 50.0°C(122.0°F).



3. If setting temperature at 55.0°C(131.0°F), the LCD will display the following:

- Press hold the "SET" button for more than 3 seconds, and the **alarm buzzer will sound "BEEP" twice** as confirmed choice. If sound "BEEP" is less than twice, it is not a confirmed choice.



Remark: If LCD screen does not return to Main Display, stop operation for 15 seconds, the LCD will then automatically return to the Main Display and the original temperature detection setting will be cancelled.

5-2 HUTR Display

To enter the HUTR mode. The Hour signal is displayed as below:



5-3 HDD Access Display

If HDD is reading or writing, HDD access signal displays the below:



5-4 Overheating from original Temperature Detection Setting

1. Original detection set at 50.0°C(122.0°F), if temperature detected overheats the original setting. Screen using °C will display the following:

- HDD access and Fan signals are displayed.
- Temperature and alarm buzzer signals will continuously flash.



5-5 Fan Fail Alarm

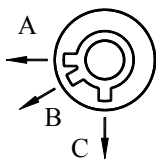
1. If the fan fails or is disconnected, the LCD displays the following:

- HDD access signal is displayed.
- Fan and alarm buzzer signals will continuously flash.

Remark: Buzzer and alarm symbol are disable by pressing any buttons located at the front panel.



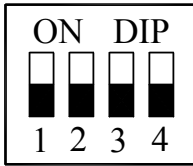
6. Key lock



Status Segment	Power status	Security status
A	ON	Locked (Irremovable)
B	OFF	Locked (Irremovable)
C	OFF	Unlocked (Removable)

7. Master/Slave Settings and Operation (Back plane of carrier body)

7-1 Description

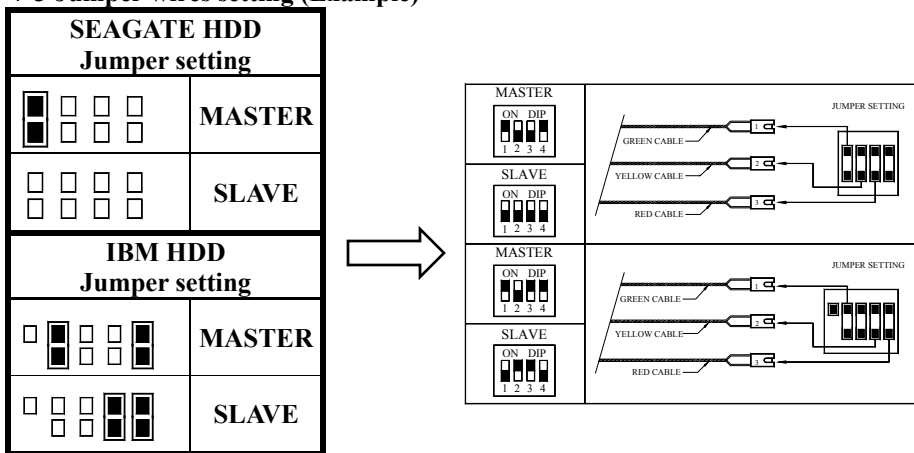


Dipswitch No.	Jumper wire Color	Dipswitch Default setting	Jumper status/Display
1	Green	OFF	OPEN
2	Yellow	OFF	OPEN
3	Red	OFF	OPEN
4	X	OFF	SLAVE

7-2 Operation

1. Carefully read the default setting of MASTER or SLAVE status on the HDD that is to be used.
2. Remove the original jumpers on the HDD, and plug in the jumper wires into correct pins. (Refer to **section 7-3 Jumper wires setting**)
3. Set the dipswitch from No. 1 to No. 4 by switching to ON or OFF according to the MASTER or SLAVE statuses setting of the HDD used.

7-3 Jumper wires setting (Example)



WARNING: Note that different brands of the HDD will have different MASTER or SLAVE setting. Please refer to the HDD's instruction manual.

8. Installing Hard Drive into Carrier body

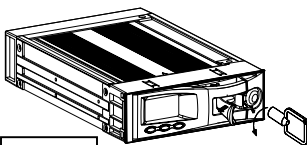


Fig. 1

- 8-1. Pull the active-handle outwards and use the miniature key provided and insert into the key hole, turning the key anti-clockwise, then the handle will auto-eject for pulling out. (Fig.1)

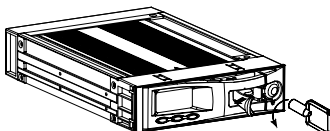
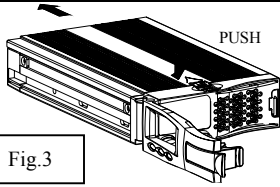


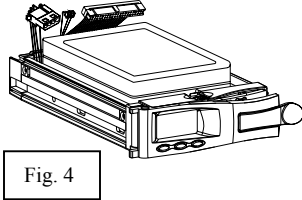
Fig. 2

- 8-2. Pull the handle outwards to remove the carrier body away from the cartridge frame. (Fig.2)

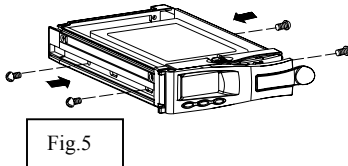
Model MRK-102FD



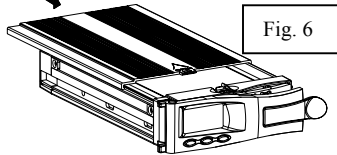
8-3. Push the release latch to slide the top cover backwards and remove. (Fig.3)



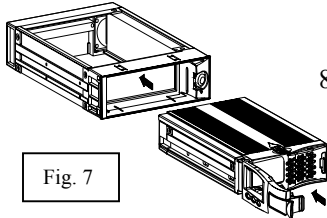
8-4. Insert the jumper wires (Refer to **section 7-3 Jumper wires setting**) and DC power cable and IDE cable on the HDD. (Fig.4)



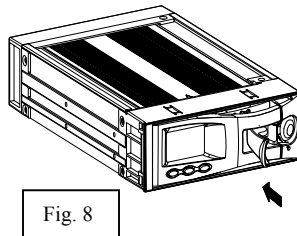
8-5. Position the HDD into carrier body and secure the HDD using the four 6#-32 screws provided. (Fig.5)



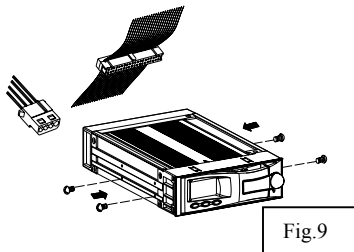
8-6. Slide the top cover back to the carrier body by sliding forward to secure. (Fig.6)



8-8. Slide the carrier body back into the cartridge frame. (Fig.7)



8-9. Push carrier body further into cartridge frame until fully inserted. (Fig. 8)



8-10. Install the module into a 5.25" half-height expansion bay. Insert the DC power cable and the IDE cable of the user's chassis to connectors located at the back plane of the cartridge frame. Then, fully secure the module to the chassis by using the four M3x6 screws provided. (Fig.9)

8-11. Pull the active-handle outwards and use the miniature key provided and insert into the key hole, turning the key clockwise to secure the handle. (Refer to **section 6 Key lock**)