



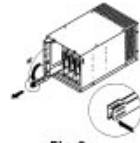
INSTALLATION GUIDE



• Hard Drive Installation



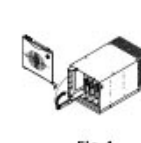
1. Insert the key into the key lock and turn the key counterclockwise then pull to open the front panel (Fig.1).



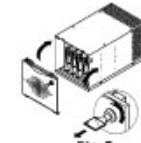
2. Gently squeeze the clip handle of the hard drive cartridge and allow the clip handle to drop downwards 90 degrees to extract each cartridge from the housing (Fig.2)



3. Then, secure the hard drive onto the cartridge by using 4pcs of the #6-32 screws included in the accessory bag (fig.3).



4. Insert each cartridge into the housing by aligning the cartridge to the rail inside the housing and push inwards until connected to the back plane connector. Then, raise the clip handle upwards 90 degrees to complete the process (fig.4).



5. Align the clips at the bottom of panel into the housing first and close the front panel. Lock the front panel by turning the key clockwise (Fig.5).

• HDD Access signal cable connection

- HDD ACCESS Input : Connect to the HDD Access single pins on the host.(Green+ BLACK-)
- HDD ACCESS Output : Connect to the other HDD Access LED wire connector. (Green+ BLACK-)



Note :

If SATA card provides HDD Access signal output, then used the enclosed HDD Access signal cable to obtain the HDD Access signal.
If 5 HDD Access signal output are available, please take off the jumper from ACC SET, then the HDD Access indicators will flash individually.
Due to the limitation of SATA specification, HDD Access signal can be obtained as above.

• Fan Replacement Installation

- Remove the front panel according to process 4-1.
- Unscrew the (a)screw nut,(b)screws 2pcs, then,(c)screws 3pcs according to figure 6. Rest the unscrowed screws aside by different types to avoid mix ups later when screwing on. Separate the fan cover from panel and detach the fan connector wires to completely remove the fan.
- Replace the new fan by connecting the red wire of the fan to the positive (+)connection of the front panel, then, the black wire to the negative (-) of the front panel. Afterwards, place the fan to the corresponding slot making sure that the fan is positioned correctly (the direction of the wind should blow inward into housing). Reunite the fan cover to the front panel by screwing on the corresponding screws to the correct positions.(Fig.7)
- Follow process 4-5 to close the front panel.



Fig.6



Fig.7

• Content Description

- Hard drive enclosure unit
- Installation Guide
- HDD Access Cable x 5pcs
- Accessory bag
6#-32 screw x 20 pcs
M3*6 screw x 12 pcs
Key x 2 pcs

• Front Panel Descriptions

1. Front panel
2. Fan position
3. HDD5 read/write indicator (Amber color)
4. HDD4 read/write indicator (Amber color)
5. HDD3 read/write indicator (Amber color)
6. HDD2 read/write indicator (Amber color)
7. HDD1 read/write indicator (Amber color)
8. Audio alarm warning reset button
9. Power indicator (Green color)
Fan failure & overheat (Amber color)
10. Key lock



• Back-plane description

• CON : Serial ATA output connector

• ACC IN : HDD Access IN

2	4	8	10	
1	3	5	7	9

ACCESS IN	
ACC1	ACC2 IN
ACC3	ACC4 IN
ACC5	ACC5 IN
ACC6	ACC6 IN
ACC7	ACC7 IN

• OUT 1 : Output signal pins

26	25	P1.Power LED 1 (+)	P2.Power LED 1 (-)
24	23	P3.Power LED 2 (+)	P4.Power LED 2 (-)
22	21	P5.Power LED 3 (+)	P6.Power LED 3 (-)
19	18	P7.Power LED 4 (+)	P8.Power LED 4 (-)
16	15	P9.Power LED5 (+)	P10.Power LED5 (-)
14	13	P11.HDD Access 1(+)	P12.HDD Access 1 (-)
12	11	P13.HDD Access 2 (+)	P14.HDD Access 2 (-)
10	9	P15.HDD Access 3 (+)	P16.HDD Access 3 (-)
8	7	P17.HDD Access 4 (+)	P18.HDD Access 4 (-)
6	5	P19.HDD Access5 (+)	P20.HDD Access5 (-)
4	3	P21.TEMP FAIL	P22.GND
2	1	P23.FAN FAIL	P24.GND
		P25.RESET	P26.GND

• Preset Temperature Warning Jumper Setting (Default setting at 55°C)

○	○	○
45°C	55°C	65°C

↑ Jumper

• Access SET :

When ACC2 has jumper, HDD Access Indicator 1 and 2 will flash simultaneously.
When ACC3 has jumper, HDD Access Indicator 1 and 3 will flash simultaneously.
When ACC4 has jumper, HDD Access Indicator 1 and 4 will flash simultaneously.
When ACC5 has jumper, HDD Access Indicator 1 and 5 will flash simultaneously.

• Audio alarm warning shut off

- If a malfunction such as fan failure or overheat occurs, you may shut off the audio alarm warning by pressing the audio alarm warning reset button located at the front of housing. Whenever any of the malfunction below occurs, the power indicator (green) will change to amber indicating malfunction has taken place.
- Fan failure
If a malfunction has taken place, first check to see if fan has stopped blowing during operation. If yes, a replacement is required (see Fan Replacement Installation).
- Temperature overheat
If the fan has not stopped and is functioning normally, check the rear of housing preset temperature warning jumper setting to see whether the jumper clip has been completely inserted to the chosen jumper pins. If the jumper clip has checked ok, the preset temperature warning jumper might need to be set at a higher temperature. If the overheat malfunction still can not be resolved, check the overall computer system environment for the possible causes of hard drive overheating.

Note:

The above testing results were obtained under the surrounding temp at 25°C.

Once any further requirement about product application or more related product information, please access to: www.icydock.com.