ICY DOCK™

MB016 CPF/CKDF
Multi-Bay Backplane Module

i3 > 2

INSTALLATION GUIDE

• Content Description

- Removable Hard Drive Enclosure Rack Kit
- Installation Guide
- Accessory bag
  6#-32 Flat Head screw x 12
  6#-32 Truss Head screw x 8
  Miniature key x 2
  Key x 2 (MB016CKDF only)
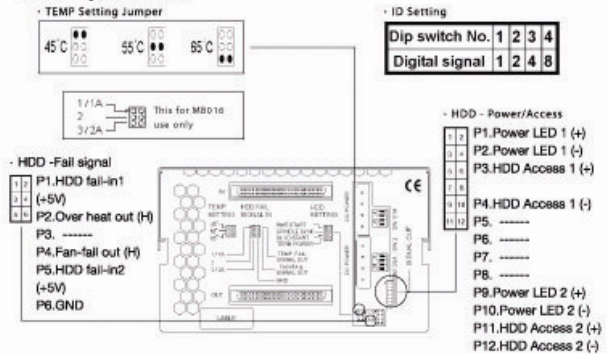
• Failure indicators description

A. MB016CKDF
  a.1-When housing temperature exceeds the original temperature setting, the Failure Indicator will indicate Amber color and the alarm buzzer sounds.
  a.2-When fan stops - slows down or disconnected, the Failure Indicator will indicate Red color and the alarm buzzer sounds.
  a.3-Deactivate the alarm buzzer by pressing the Reset button.
  a.4-The Failure Indicator will still indicate Amber (or Red) and will not revert until the failure is properly repaired.
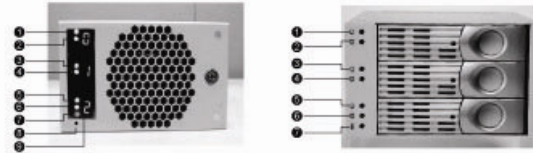B. MB016CPF
  b.1-When housing temperature exceeds the original temperature setting, the Failure Indicator will indicate Red color.
  b.2-The Failure Indicator will still indicate Red and will not revert until the failure is properly repaired.

650026 V2004.07

• Back-plane view

- TEMP Setting Jumper

45°C   55°C   65°C

1/1A
2
3/2A   This for MB016 use only

- HDD -Fail signal

P1.HDD fail-in1 (+5V)
P2.Over heat out (H)
P3. ------
P4.Fan-fail out (H)
P5.HDD fail-in2 (+5V)
P6.GND

- ID Setting

Dip switch No.	1	2	3	4
Digital signal	1	2	4	8

- HDD - Power/Access

P1.Power LED 1 (+)
P2.Power LED 1 (-)
P3.HDD Access 1 (+)
P4.HDD Access 1 (-)
P5. ------
P6. ------
P7. ------
P8. ------
P9.Power LED 2 (+)
P10.Power LED 2 (-)
P11.HDD Access 2 (+)
P12.HDD Access 2 (-)

CE

• Display front panel indicators

1. HDD1 Power / Failure Indicator
2. HDD1 Access Indicator
3. HDD2 Power / Failure Indicator
4. HDD2 Access Indicator
5. HDD3 Power / Failure Indicator
6. HDD3 Access Indicator
7. Fan failure / Overheat Indicator
8. Reset Switch
9. ID Display

1. HDD1 Power / Failure Indicator
2. HDD1 Access Indicator
3. HDD2 Power / Failure Indicator
4. HDD2 Access Indicator
5. HDD3 Power / Failure Indicator
6. HDD3 Access Indicator
7. Overheat Indicator

ICY DOCK™

• Installing the device

Fig.1   **Fig.2**
1. Unlock the front door by inserting the key provided, turning the key counterclockwise. Pull to open the front door. (Fig.1、Fig.2 CKDF only)

Fig.3a for CKDF   **Fig.3b for CPF**
2. Remove the HDD carrier away from the body. (Fig.3a) (Fig.3b)

Fig.4
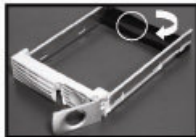3. Use the miniature key and insert into the key hole to eject handle. (Fig.4)

Fig.5
4. Pull the handle outwards to remove the carrier away from the body. Remove the carrier support away. (Fig.5)

Fig.6
5. Secure the HDD to the carrier using the four 6#-32 screws provided. (Fig.6)

Fig.7a for CKDF   **Fig.7b for CPF**
6. Insert the carrier along with HDD into body.Match the two sides of carrier to the anti-shock rails located at the left and right sides inside the body. (Fig.7a) (Fig7b)

Fig.8a for CKDF
7. Keep the handle angled from the carrier, then slide the carrier along the anti-shock rails and into the body until fully inserted. (Fig.8a) (Fig.8b)

Fig.8b for CPF
Fig.9
8. Push the handle towards the carrier until "click" to completely secure the position of carrier. (Fig.9)

Fig.10a for CKDF   **Fig.10a for CPF**
9. Close the front door and lock the key lock by turning the key clockwise to complete HDD installation. (Fig.10a) (Fig.10b)

Note :
(1) HDD failure will Indicate Red only when signal is inputted by controller. (please refer to HDD -Fail signal)
(2) Please terminate the last connector using a terminator.
(3) 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.