

## MB123 SK-1

Removable Hard Drive Enclosure  
for SATA Interface

### INSTALLATION GUIDE



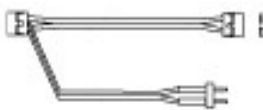
### • Content Description



• Removable Hard Drive Enclosure



• Installation Guide



• HDD Access Cable x 1pc



• Accessory bag  
6#-32 screw x 4pcs  
M3X8 screw x 4pcs  
Miniature key x 2pcs

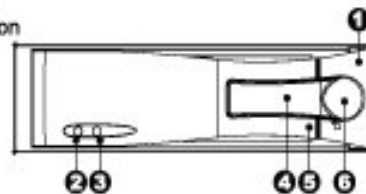
#### Note :

- If SATA card provides HDD Access signal output, then used the enclosed HDD Access signal cable to obtain the HDD Access signal.
- Due to the limitation of SATA specification, HDD Access signal can be obtained as below.
- The above testing results were obtained under the temp at 25°C.
- For any further inquiries about product application or more related product information, please access to: [www.icydock.com](http://www.icydock.com).
- Any unrelated changes on the technical specification are subject to change without prior notice.
- We will not be liable responsible for any software, hardware, or other data stored within, or interfacing with our product which resulted to being damaged / dysfunctional. Cremax will only be responsible to repair / service its own product.

### <1.> Appearance

#### 1-1. Front Panel Description

1. Cartridge frame
2. HDD Access Indicator
3. Power Indicator
4. Active-handle
5. Handle
6. Key lock



#### 1-2. Power Indicator and HDD Access Indicator

When power is turned on, the Indicator will displays the following

- Green LED : Power Indicator
- Amber LED : HDD Access Indicator

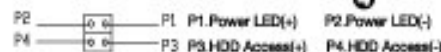
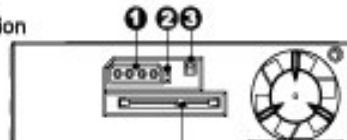
#### 1-3. HDD Access signal cable connection



- HDD ACCESS 1 :  
Connect to the HDD Access single pin on the host. (Red+ BLACK-)
- HDD ACCESS 2 :  
Connect to the other HDD Access LED wire connector. (Red+ BLACK-)
- HDD ACCESS 3 :  
Connect to the Access IN on the MB123SK-1 (Red+ BLACK-)

#### 1-4. Back Panel Description

1. Power supply Male connector
2. HDD Access IN
3. S-Output



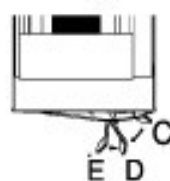
4. SATA 7pins(Data)+15pins(Power) Male connector

#### 1-5. Key lock



Status Segment	Power status	Security status
A	ON	Locked (Non-removable)
B	OFF	Unlocked (Removable)

#### 1-6. Three-Segment Handle Description



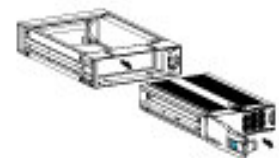
Description Stage	Function Description for Each Segment
C	Lever in closed status Main function to protect the hidden key lock
D	Lever in semi-open status; main function is to enable the handle to rotate and allow cartridge to insert
E	Lever in fully open status; main function is to automatically pull out the cartridge

### <2.> Installing the device

2-1 Use the miniature key provided and insert into the key lock, turning the key counter clockwise, then the handle will auto-eject for pulling out. (a)



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



2-3 Push the release latch to slide the top cover backwards and remove. (c)



2-4

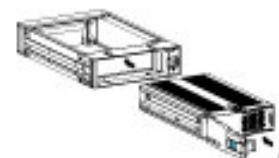
2-4-1 Push the SATA HDD into the carrier body.

2-4-2 Position the HDD into carrier body and secure the HDD using the four 6#-32 screws provided.

2-4-3 Slide the top cover back to the carrier body by sliding forward to secure. (d)



2-5 Slide the carrier body back into the cartridge frame. (e)



2-6 Push carrier body further into cartridge frame until the handle and the carrier body are fully inserted. (f)

2-7

2-7-1 Install the module into a 5.25" half-height expansion bay. Insert the DC power cable and the SATA cable of the user's chassis to the 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.

2-7-2 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 1-5 Key Lock Description)

2-7-3 It is not necessary to connect the power supplier when power supplier is provided with SATA 15pin power connector. Users can decide which power connector they want to use. (g)

