105mm

148mm

HDD-ROM *TOOL FREE SCREW-LESS TRAY-LESS*
An incredible 3-in-1 small multimedia storage solution

MRA359

MRA359 MANUAL

CE FC
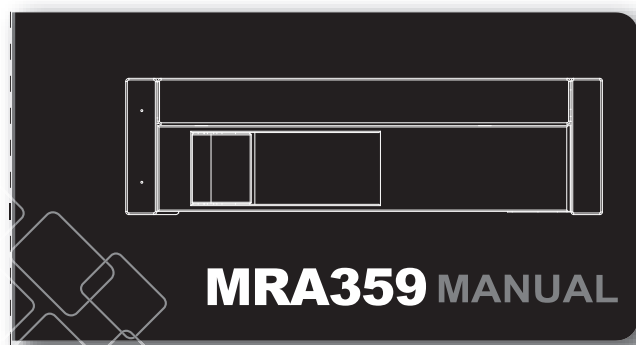
- Compatible for 3.5″ HDD and 12.7mm slim optical drive.
- Hot swappable
- anti-shock and tool less design
- NSS connector to give over 50,000 cycle hot swaps.

MRA359 Manual

MRA359

Features:
- Accommodates both 3.5″ SATA hard drive and 12.7mm slim optical drive
- Supports hot swaps
- Unique anti-shock design patented screw-less mechanism
- Nss connector gives over 50,000 cycle hot swaps

Specifications:
- Fit all 3.5″ Serial ATA hard drives
- Supports hot swap
- Supports SATA II (3.0Gb/s)
- Housing Assembly: 184mm(L)x148mm(W)x42mm(H)
- Interface: SATA or PATA for slim optical drive SATA for hard drive
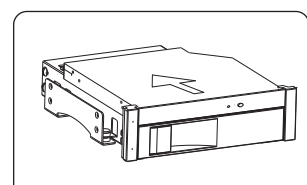- Weight: 310g
- Operating Temperature: 0~55℃

Package Content:

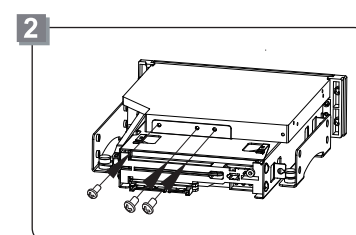|	
MRA359	1Pcs
SATA data cable	1Pcs
Fan power & access SATA cable	1Pcs
User manual	1Pcs
Screws 3x6pwn	4Pcs
Screws 2x3pm	3Pcs

Installation :
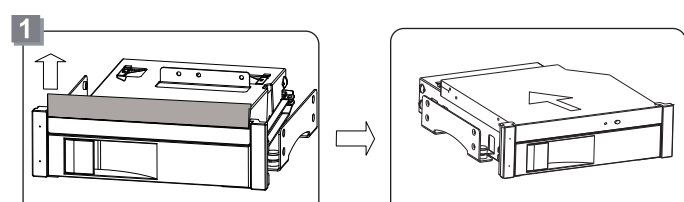
1 Remove the slim optical drive bay by pressing buttons of both sides.

Push 12.7mm slim optical drive into the slim drive bay.

2 After pushing the slim optical drive into position to align with the front panel, use a magnetic screwdriver to secure three screws to the optical drive.
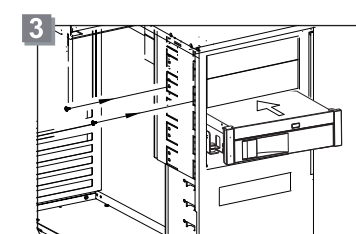
3 Place MRA359 into an available 5.25″ bay in the chassis and secure with screws.

Connection :

1. Insert the SATA 15P CONN. Into the MRA359´s 15P conn. connect the big power 4P connector to the PC´s 4P power plug, and the small 4P LED wire connector to the 4P LED port at the back of MRA359 .

2. Insert one end of the SATA 7P cable to MRA359 , another end(7P) to either the mother board or the SATA RAID card. the corresponding port on the motherboard
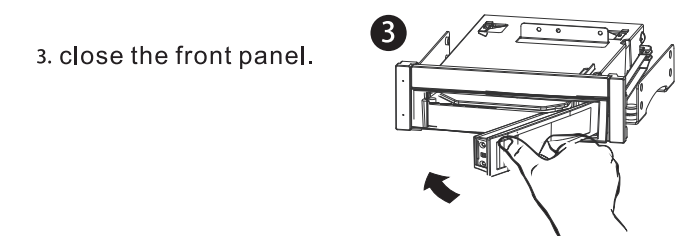
LED : 4Pins

Power:15Pins   Data:7Pins
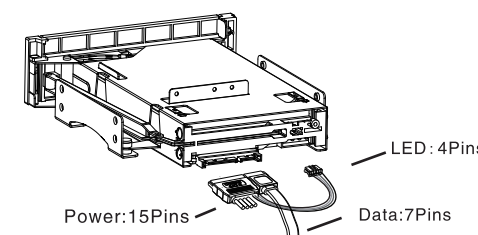
Inserting the Hard Drive:

1
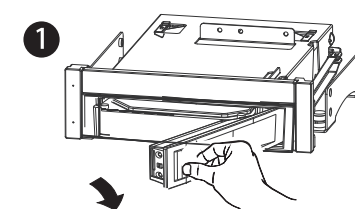
1. Release the door puller to eject the front door panel
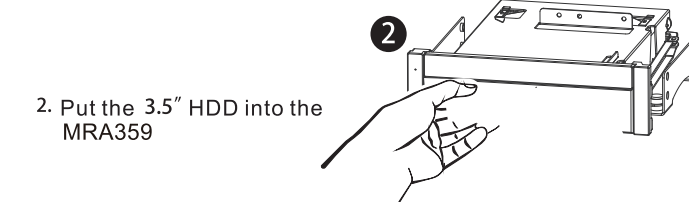
2. Put the 3.5″ HDD into the MRA359

3. close the front panel.

⚠ 1. After inserting HDD and closing the front door, carefully push the tray until it is seated into position.Excessive force may damage its mechanical parts.
2. If the HDD is inserted backward into the tray, forcing the device may damage the MRA359 HDD–ROM.

Removing the Hard Drive:

1.Smoothly pull the spring lock to open the front door. Make sure the lock is at a removable position to open, or it would get damaged.
2.Carefully take the HDD out of the product.

⚠ The temperature of HDD may reach over 50℃. It's not hot enough to burn hand, but becareful.

⚠ 1. Hard drive is a precise and accurate device. Read the manual in advance and treat it carefully.
2. Do not eject the HDD while it is working.
3. Hold the HDD by its edge instead of touching the PCB on it.
4. Wingsonic will provide maintenance for the product malfunction problems,but not be responsible for any software or data loss accident.
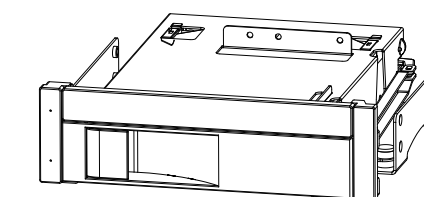
105mm

148mm

硬碟抽取盒
一个神奇的3合一小型多媒体储存装置

MRA359

MRA359 使用説明書

CE FC
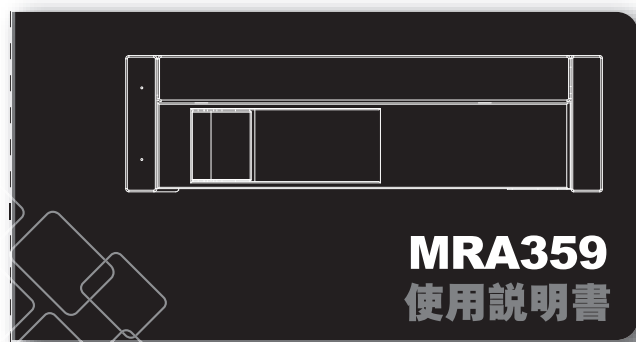
- 可同时搭配3.5″ 硬碟+12.7mm薄型光驱
- 支援3.5″ SATA硬碟热插拔
- 防震结构设计，专利免丝结构，
- NSS专利连接器，支援50,000次热插拔

MRA359 使用説明書

MRA359

产品特色：
- 可同时搭配3.5″ 硬碟+12.7mm薄型光驱
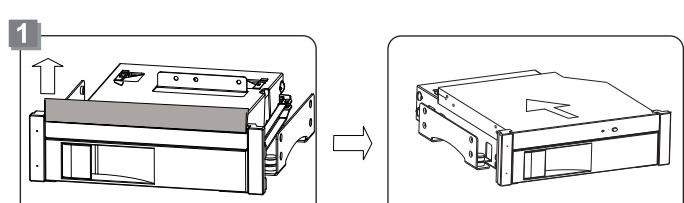- 支援3.5″ SATA硬碟热插拔
- 防震结构设计，专利免丝结构，
- NSS专利连接器，支援50,000次热插拔

产品规格：
- 适用於所有3.5″ SATA硬碟
- 支援热插拔
- 支援 SATA II (3.0Gb/s)
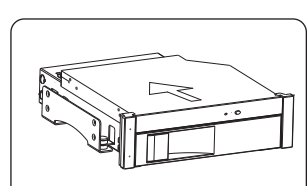- 产品规格： 184mm(L)x148mm(W)x42mm(H)
- 工作界面： SATA
- 重量： 310克
- 工作温度： 0~55℃

包装内容：

MRA359 硬碟盒	1Pcs
SATA电源 线	1Pcs
SATA 连接线	1Pcs
使用说明书	1Pcs
螺丝 3x6 Pwn	4Pcs
螺丝 2x3 Pm	3Pcs

安装步骤：

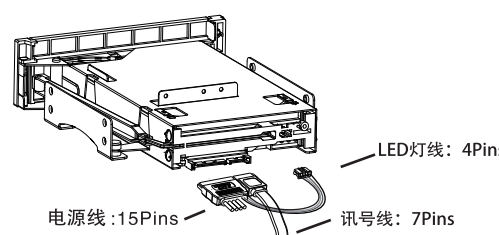**1** 按两边按扭，取出上档板

将12.7mm薄型光碟机推入光碟架中；
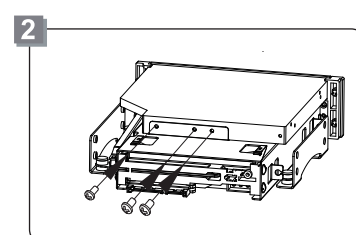
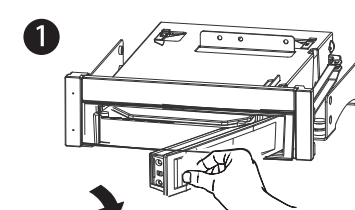**2** 请确认薄型光碟机对准并密合於前面板，并以螺丝起子将三颗光碟机架用螺丝锁固定；
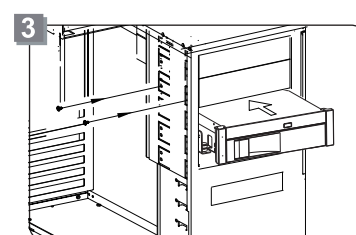
3 安装MRA359於机壳上的5.25″ bay并以螺丝锁固於机壳；

连接：

1. 请将SATA 15P 端连接至MRA359之15P端口， 大4P电源 接电脑主机电源相接， 小4P LED 端连接至MRA359后端之4P LED端。
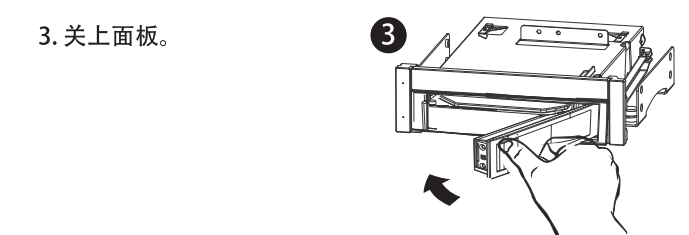
2. 请将SATA 7P讯号 绿一端连接MRA359,另一端插入主机板讯号埠。如图示：
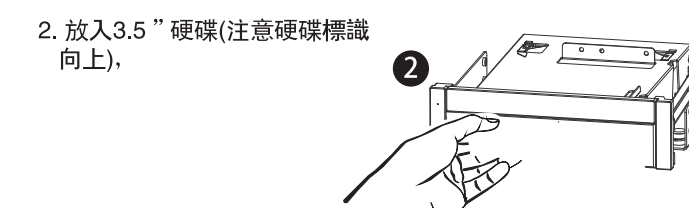
LED灯线： 4Pins

电源线 :15Pins   讯号线： 7Pins

放置硬碟步骤：

1

1. 轻轻推动HDD-ROM解锁按扭(从左至右), 使面板弹出;

2. 放入3.5 ″硬碟(注意硬碟标识向上)，

3. 关上面板。

⚠ 1.插入硬碟并关闭上前面板时,请小心轻轻推动前面板 至锁住状态,以免机构零件受损。
2.如果硬碟插入方向错误,请不要關閉前門,如强行關 閉,MRA359 HDD–ROM会 被損害。

卸下硬碟步骤

1.轻轻拉動HDD–ROM解鎖按鈕,使面板彈出.
2.打開前面板, 取出3.5″硬碟,再碰貿緊閉上面板.

⚠ 1. 當工作狀態下禁止卸下硬碟.
2. 硬碟表面溫度有可能高達50°C, 雖不會造成燙傷, 但仍要小心,請接觸硬碟邊緣,不要觸摸上面的電路板.

⚠ 1. 硬碟是精密设备，要特别注意，请线先阅读使用者说明书
2. 当工作状态禁止卸下硬碟
3. 请接触硬碟的边缘，不要触摸上面的线路板
4. 对于产品故障问题，本司提供维修服务，不承担任何产品的 软硬体或资料遗失等责任。