



# R110 [THE ONE] MANUAL

## ◆Accessories



Manual



Screws



PC Speaker



Anti-vibration Pads

1. Board holder(3.5 φ) : Install just as many as required, assembled it using the insulation washer (red one) included.
2. Screw(3 φ) : Screws to fix various types of slot card, HDD and Power Supply.
3. Screw(3 φ) : Screws to fix the main board, the CD-ROM and the FDD.
4. Insulation washer : Used along with a 3 screws and the board holder in order to prevent insulation.
5. External 3.5" bay screw : A screw used to fix the FDD or the external 3.5" device.

## ◆How to connect the cable



1. Power LED : Refer to the manual and install it while obeying the polarities ; +, -. If a 4-pin connector is supported, then connect it to the power supply.



2. HDD LED : Refer to the manual and install it while obeying the polarities ; +, -.



3. Power SW : No polarity specified. Can mount it regardless of wiring.



4. Reset SW : No polarity specified. Can mount it regardless of wiring.



5. Fan Power Supply connector : Mount it with the 3-pin fan provided in the case (Only available for the LCD products.)



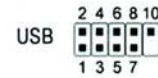
6. 4-pin Power Supply connector : Connect it to the Power Supply. (Only available for the LCD product.)



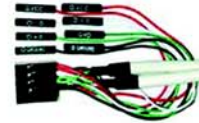
7. Temperature sensor (Retina sensor) : Should be mounted in an appropriate place to measure the internal temperature of the case. (Can't equip with the core or heat sink)

※ In case of LED, the terminal with the '▲' mark is '+'.

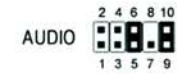
⑧



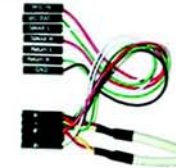
1. ①VCC
2. ②VCC
3. ①-D
4. ②-D
5. ①+D
6. ②+D
7. ①GROUND
8. ②GROUND



⑨



1. MIC-IN
2. GND
3. MIC-BIAS
5. Spkout R
6. Return R
9. Spkout L
0. Return L



- ※ If the main board socket is not standard as shown in the figure, connect the divided terminals of the cable by referring to the description of terminals given in the main board manual.
- ※ The divided cables may not exist depending on products.

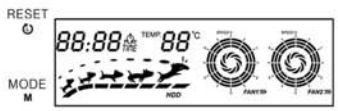
## ◆Sample case of mounting the temperature sensor



- ☞ Don't ever install the temperature sensor above the core.
- ☞ If the cooler and the mounting area is level with respect to each other due to the wiring of the sensor, the device may get damaged.
- ☞ If the cooler guide exists, the wire may get clamped and cut off. So, always make sure to slide and insert it below the guide.
- ☞ In case of retina sensor, it is impossible to install it near the core. Please, keep this in mind.

- ◆ A case manufactured by 3RSYSTEM CO., LTD. is subject to the change in its design or structure without a prior notice in order to improve the product quality and to resolve problems.
- ◆ Any troubles arising from the customer's misdemeanor or natural calamity should be dealt in a paid service. Any trouble arising from an arbitrary modification or remodeling of the product for use should be dealt in a paid service.
- ◆ For the detailed information on the A/S or inquiry about customer support, please refer to the homepage of 3RSYSTEM at (<http://www.3rsys.com>).
- ◆ Customer support : 82-2-2027-2555 FAX : 82-2-2027-2088 e-mail : [support@3rsys.com](mailto:support@3rsys.com)

## < How to use the LCD >



- ☞ (1ch) System temperature monitoring function
- ☞ (2ch) Channel fan control function
- ☞ 6-stage gear shift function for fan controls
- ☞ Automatic fan control function
  - 40°C : low speed 50°C : mid speed 60°C : high speed
- ☞ Function to store the fan speed
- ☞ Using animation to display whether of the HDD or the fan operates.
- ☞ Function to measure the hours of using the system
- ☞ RESET : Initializing the LCD setting
- ☞ MODE : Changing the fan control channel (1 Channel 2 Channel)
- ☞ UP : Accelerating the fan control (1st stage 6th stage Auto)
- ☞ DOWN : Decelerating the fan control (6th stage 1st stage Auto)

## < How to install a 5.25" ODD >

1. Remove the Front Panel and install the ODD.  
(The Front Panel is an one-touch type, so it toward you to remove it.)
2. Mount the Front Panel again, and align the ODD with the button of the ODD cover.
3. Once the positions of the ODD button and the button of the ODD cover are determined, secure the ODD with a screws.

## < How to install a 3.5" HDD >

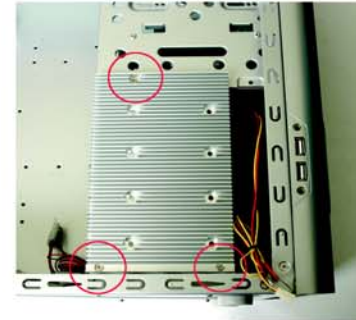
※ Before you remove the HDD from the 3.5" bay, you must lift the main body first.



1. Remove the side plate from the case.



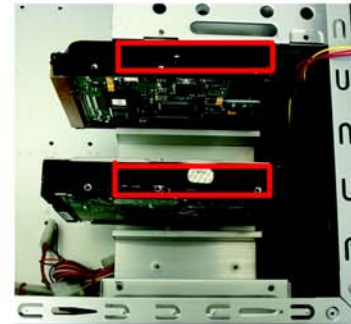
2. Before you mount a HDD in the 3.5" bay, you must lay down the main body first as shown in the figure.



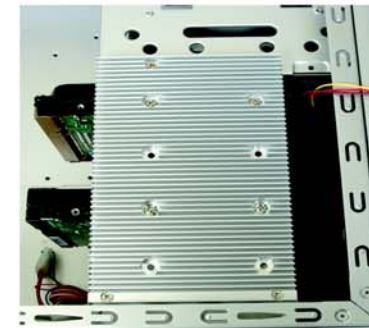
3. Release the screws shown in the figure and remove the heat sink.



4. Align the HDD with the marked area in the figure and mount it there.



5. Mount the HDD as shown in the figure. (You must attach a pad for preventing heat conduction and vibration on each edge of the HDD before mounting the HDD in the bay.)



6. Once the HD is mounted, mount the heat sink in the main body again and fix the HDD using a 3.5" bay fixing screw.

