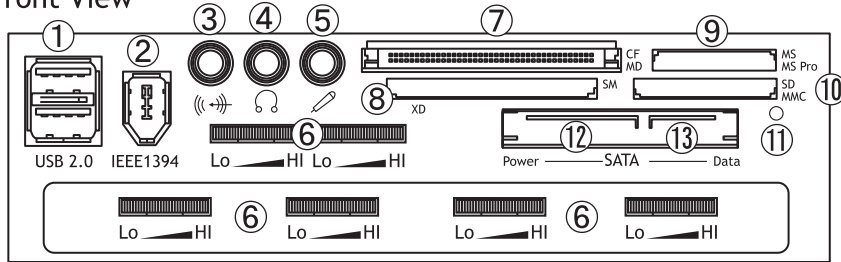




# Kama Panel Installation Manual

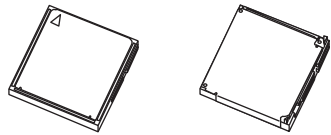
## Front View



- ①USB2.0 x 2
- ②IEEE1394 x 1
- ③Line IN x 1
- ④Audio OUT x 1
- ⑤Mic IN x 1
- ⑥Fan Controller x 6
- ⑦Compact Flash, Micro Drive
- ⑧xD Picture Card, Smart Media
- ⑨Memory Stick(Include PRO), Memory Stick(DUO, PRO-DUO)(Requires Adapter)
- ⑩SD Card, SDHC Card, Mini SD(Requires Adapter), Multi Media Card(MMC), RS-MMC(Requires Adapter)
- ⑪Power and Access LED
- ⑫S-ATA Power x 1
- ⑬S-ATA Data x 1

### Direction to Insert Media Card

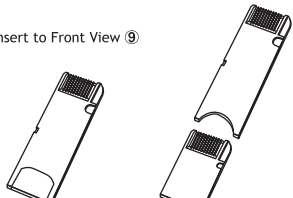
Insert to Front View ⑦



Compact Flash  
Type- I , Type- II , Type- II HDD

Micro Drive

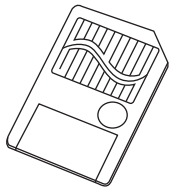
Insert to Front View ⑨



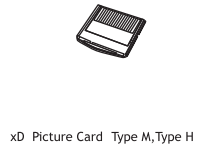
Memory Stick(Include PRO)

Memory Stick  
(DUO, PRO-DUO)

Insert to Front View ⑩

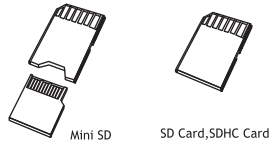


Smart Media



xD Picture Card Type M, Type H

Insert to Front View ⑪



Mini SD

SD Card, SDHC Card



RS-MMC(Requires Adapter) Multi Media Card(MMC)

### How to Connect Fan and Power Cable

This product is equipped with upper fan controller (Total 2) and removable lower fan controller (Total 4), and each fan controller has a separate power source.

#### ☆How to Connect the Upper Part

Power source for the upper part is supplied by S-ATA power, and the power is shared for other front connectors and the fan controller.  
※If your PSU is not equipped with S-ATA power cable, please purchase the adapter on your own.

#### ☆How to Connect the Lower Part

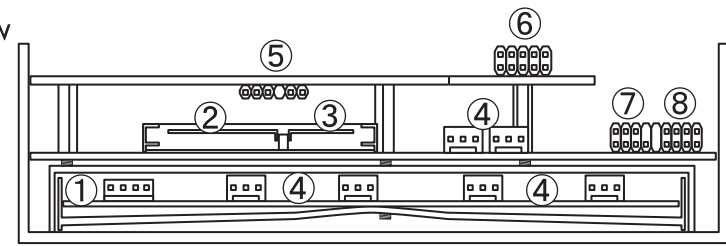
Power source for the lower part is supplied by Floppy Drive power.

※If your PSU is not equipped with Floppy Drive power cable, please purchase the adapter on your own.

If you do not plan to use pulse sensor feature (Fan RPM detection), please connect the fan directly. If you plan to use the pulse sensor feature with your fan, please use the supplied fan cable to connect the fan.

※In order to use the pulse sensor feature, fan must be compatible to read the pulse. If not, the fan RPM will not be displayed.

## Rear View



- ①Power Cable Connector for Lower Part
- ②S-ATA Power Connector
- ③S-ATA Data Connector
- ④Fan Cable Connector

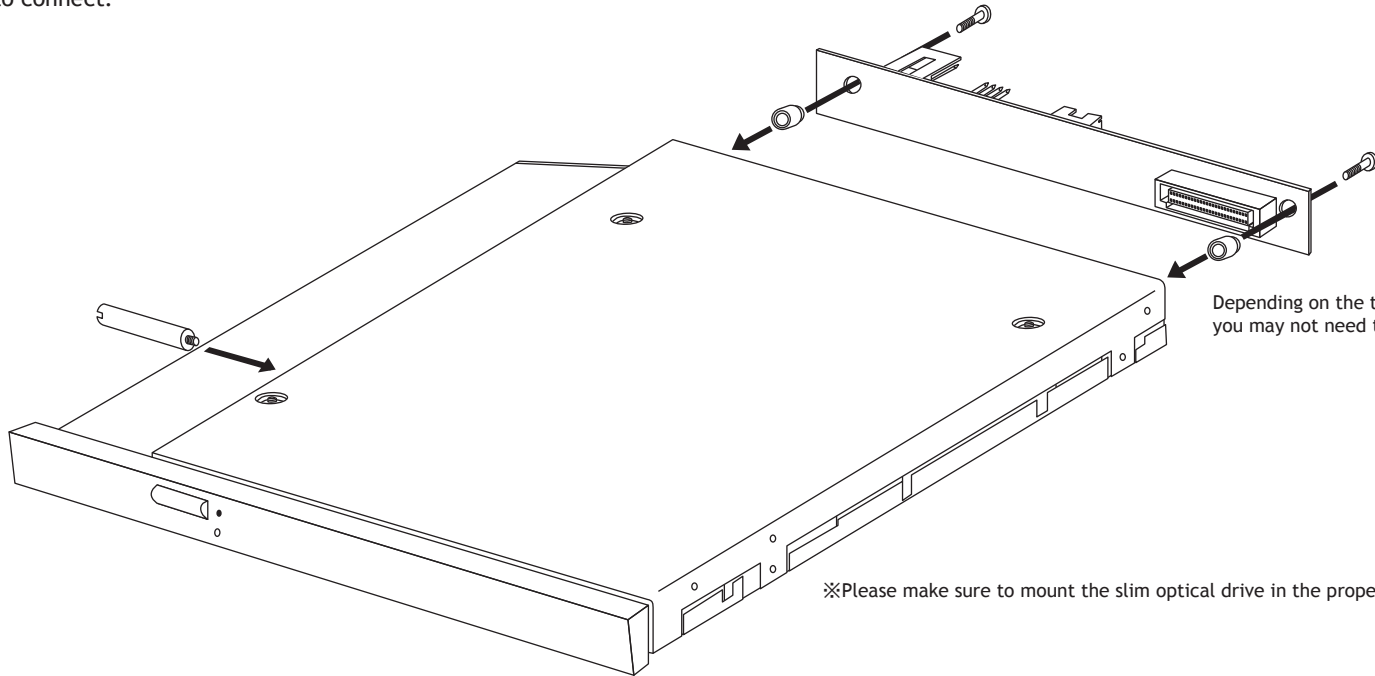
- ⑤Card Reader Pin
- ⑥Audio, Mic, Line-In Pin
- ⑦IEEE1394 Cable Pin
- ⑧USB2.0 Cable Pin

### How to Connect Each Cable

<p>①Lower Part Power Cable ※Connect the side says "UP" to the upper side</p> <p>From PSU</p>	<p>②S-ATA Power Cable ※1 ☆ &amp; Fan Cable for Upper Part</p> <p>From PSU</p>	<p>③S-ATA Data Cable ☆</p> <p>From motherboard S-ATA connector</p>
<p>④Fan Cable ※2</p> <p>To motherboard fan connector</p>	<p>⑤Card Reader Cable ※Connect the side says "UP" to the upper side ※Unable to connect this directly to motherboard</p>	
<p>⑥Audio, Mic, Line-In Cable ※Connect the side says "UP" to the upper side ※Unable to connect this directly to motherboard</p> <p>To Audio OUT To Line IN To Mic IN</p>	<p>⑦IEEE1394 Cable ※Connect the side says "UP" to the upper side ※Unable to connect this directly to motherboard</p>	
<p>⑧USB2.0 Cable ※Connect the side says "UP" to the upper side ※Unable to connect this directly to motherboard</p>	<p><b>Caution for Connecting Cables</b> ※1: S-ATA Power Cable Fan connected to this product requires power source. This power is supplied from the PSU. Please connect the S-ATA power cable to the ②S-ATA power connector. If you do not connect the S-ATA power cable, the fan will not work. To use the lower part of the fan controller (removable), please connect the Floppy Drive power cable to the ①Power cable connector for lower part. ☆Supplied S-ATA power cable and S-ATA data cable are for connecting the S-ATA device to this product only. (Please make sure to firmly connect the cables) ※2: Fan Cable Connection Connect the female side (3-pin) to this product. Connect the male side (2-pin) to the fan connector pin located on the motherboard. Wrong connection can cause the damage to the product or surrounding devices.</p>	

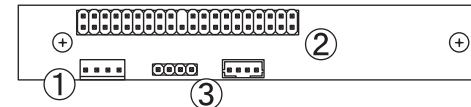
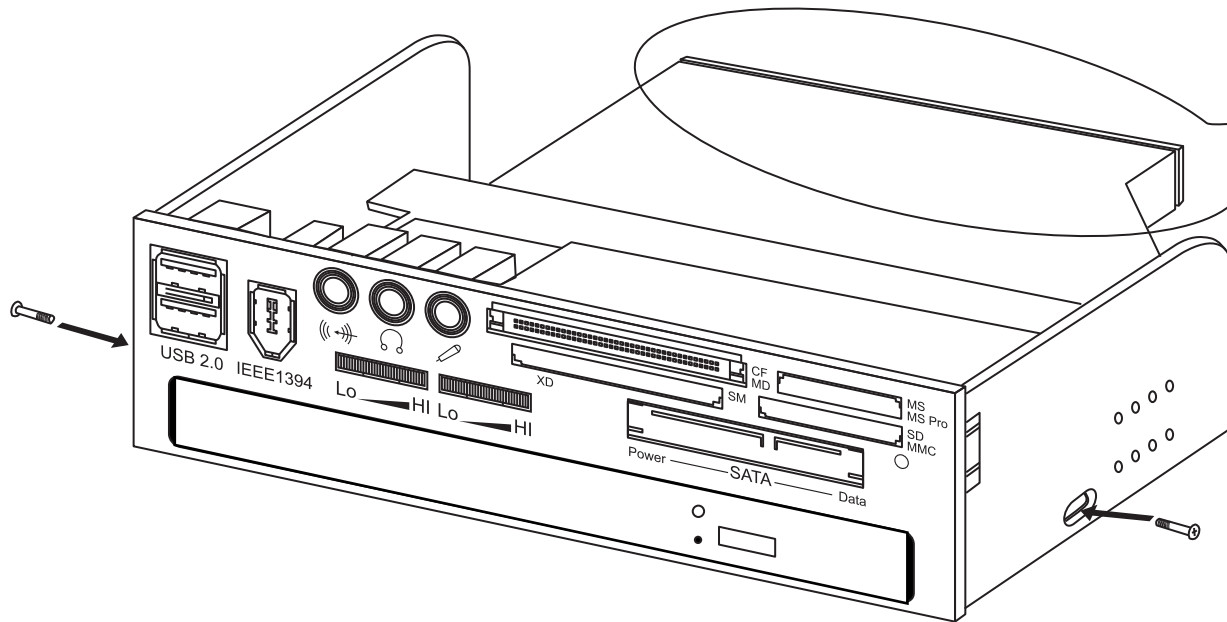
## How to Connect the Optical Slim Drive

※Depending on the type of slim optical drive, it may not be possible to connect.



Depending on the type of slim optical drive, you may not need to use the spacer to mount.

※Please make sure to mount the slim optical drive in the proper direction.



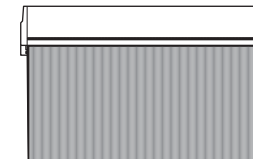
- ①Power Connector
- ②Flat Cable Connector
- ③Audio Cable Connector

Direction to Connect the Cable

①FDD Power Cable



②IDE Flat Cable



③Please connect the cable to the right connector depending on the type of cable you use. Any other cables are not possible to be connected.