

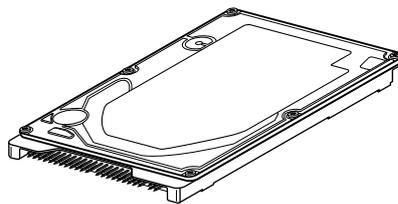
---

---

# Installing an internal hard disk

---

---



**You must install a hard disk in the AW4416 before using it. If you attempt to use the AW4416 without installing a hard disk, the recorder section and mixer section will fail to operate correctly, and the AW4416 will be damaged as well.**

---

## About the internal hard disk

On the AW4416, all data necessary for reproducing a composition (mixer settings, recorder settings, audio data etc.) is stored on the hard disk as a “song.”

An internal hard disk is attached to the ADP25H 2.5 inch hard disk adapter and installed in the 2.5" HARD DISK DRIVE slot located on the rear panel. Hard disks with the following specifications can be used.

- Type: IDE 2.5 inch (attachment location conforms to SFF-8201)
- Thickness: no particular limitation
- Capacity: no particular limitation (however, the AW4416 can use a maximum capacity of 64 GB)
- Models known to work: consult your local Yamaha distributor or refer to the website at the following URL.  
<<http://www.aw4416.com/>>



- .....
- *By “models known to work,” we mean commercially available models that Yamaha has obtained, installed in the AW4416, and successfully tested by means of various operational tests. However, we cannot take into account slight differences in performance that may occur due to the manufacturing tolerances of each manufacturer.*
  - *Hard disks are precision devices. Strong physical shock, magnetism, static electricity, or excessive current etc. can damage the data on a hard disk. You must use media such as an external SCSI device or CD-RW to backup your important musical data.*
  - *Please be aware that Yamaha Corporation will accept no responsibility for any damages, neither direct nor indirect, resulting from the use of any of the above hard disks.*

# Installation

Please read and observe the cautions on installing optional equipment listed at the beginning of this manual.

Here's how to attach a 2.5 inch IDE hard disk to the ADP25H hard disk adapter included with the AW4416, and install it into the appropriate slot of the AW4416.



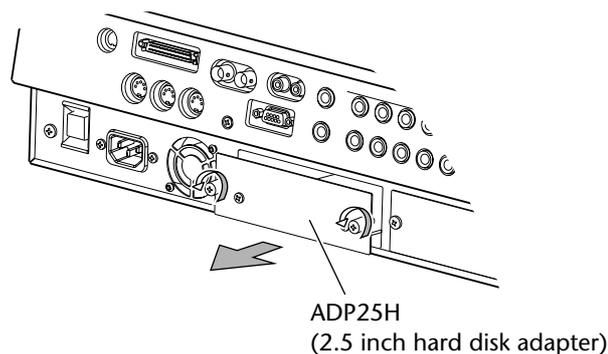
- *Hard disks are precision devices. Do not subject them to physical shock or static electricity, etc.*
- *Do not place a hard disk nearby devices that produce a strong magnetic field, or in locations of extreme cold, heat, or moisture.*
- *Before you handle a hard disk, touch your hand to a grounded metallic object to release any static charge that may be present in your body or clothing. If you fail to do so, static electricity may damage the hard disk.*
- *Never attempt to disassemble a hard disk or apply excessive force to it.*
- *The AW4416 is shipped with four screws for attaching a 2.5 inch hard disk, and four screws for attaching a CD-RW drive, making a total of eight included screws of the same type.*

## 1. You will need the following items.

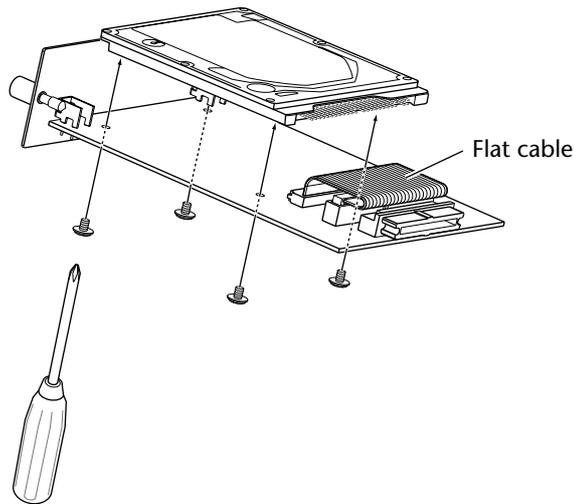
- The AW4416 itself
- A 2.5 inch IDE hard disk (sold separately) for installation
- Four screws included with the AW4416 for attaching the 2.5 inch hard disk
- A philips (+) screwdriver

## 2. Make sure that the power of the AW4416 is turned off. For safety's sake, disconnect the power cable from the AC outlet.

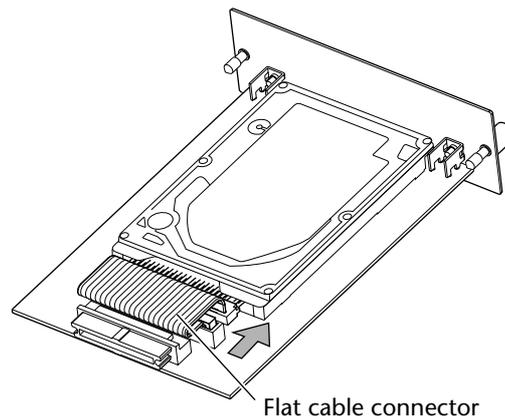
## 3. On the rear panel of the AW4416, remove the two screws that hold the ADP25H 2.5 inch hard disk adapter to the 2.5" HARD DISK DRIVE slot.



- Place the hard disk on the ADP25H as shown in the diagram below, align the screw holes of the hard disk and the ADP25H, and use your screwdriver to fasten the screws at the four locations shown.



- Plug the connector of the flat cable extending from the ADP25H into the connector of the hard disk.



- Even if it is difficult to plug in the connector, do not use excessive pressure to force it in. This may damage the hard disk, or you may injure yourself.

- Aligning the ADP25H (with the hard disk attached) with the rails inside the 2.5" HARD DISK DRIVE slot, push it in until it clicks into place.
- Use the screws that you removed in step 3 to fasten the ADP25H into the 2.5" HARD DISK DRIVE slot.



- If you fail to tighten the screws all the way, the hard disk may vibrate and fail to operate correctly.



- Do not turn on the power of the AW4416 until all options have been installed.
- When you turn on the power of the AW4416 after installing a new hard disk, formatting of the hard disk will begin automatically (→ P.15).