Mini Dock

SMD-750E(L)

Notice

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Important Safety Instruction

Read all of these instructions, and save these instructions for later use.

- Follow all warnings and instructions marked on the product. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

- Do not use this product near water. Never spill liquid of any kind on the product.

- Do not place this product on an unstable cart, stand, or table.

- Before connecting this product to a power source, check the required voltage and frequency match the available power source.

- Do not allow anything to rest on the power cord.

- This product is powered by an external AC adapter. Use of another external AC adapter may present risk of fire or explosion.

- Do not place this product in a location where someone may trip over the cord.

- Never push objects of any kind into this product through the cabinet slots, as they may touch dangerous voltage points or short out parts; that could result in a risk of fire or electric shock.

- Except as explained elsewhere in this manual, do not attempt to service this product yourself.

- Unplug this product from the wall outlet and refer problems to the service representative under the following conditions:

  - When the power cord or plug is damaged or frayed.
  - If liquid has been spilled into product.
  - If the product has been exposed to rain or water.
  - If the product does not operate normally when the operating instructions are followed, adjust only those controls that are covered by the operating Instructions. Improper adjustment of other controls may result in damage.

Federal Communications Commission (FCC)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment

generate uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions may cause harmful interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet helpful: "Something About Interference." This is available at FCC local regional offices. Our company is not responsible for any radio or television interference caused by unauthorized modifications of this equipment or the substitution or attachment of connecting cables and equipment other than those specified by our company. The correction will be the responsibility of the user. Use only shielded data cables with this system.

Canadian Radio Interference Regulations

This apparatus does not exceed the class B limits for radio noise emissions set out in the radio interference regulations of the Canadian Department of Communications.

Le présent appareil n'émet pas de bruits radioélectriques dépassant les limites applicable aux appareils de la classe B prescrites par le règlement de brouillage radioélectrique dicté par le Ministère des Communictions du Canada.

Table of Contents

Introducing the Mini Dock

The Mini Dock (SMD-750E(L)) is designed for some of Samsung portable computers.

The Mini Dock will allow you to connect peripheral devices such as a monitor, a mouse, a printer, a MIDI device and so forth, to your portable computer. And it can be equipped with LAN(Local Area Network) for office use by Fast Ethernet Controller.

The Mini Dock supports;

- PCMCIA 2.1, CardBUS slot (two Type II, or one Type I)
- 1.5W Stereo, Line-In, Line-Out
- Enhanced 10/100 Mbps PCI Ethernet LAN Controller

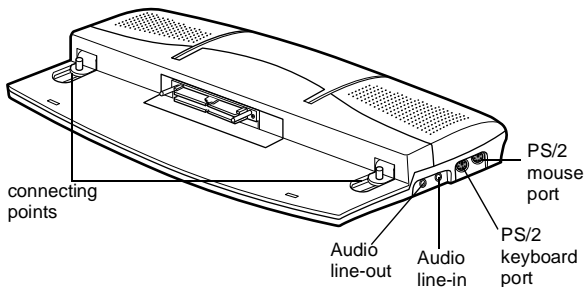**LAN Controller is optional feature, so that it may not be provided.**

connecting points

PS/2 mouse port

Audio line-out

Audio line-in

PS/2 keyboard port
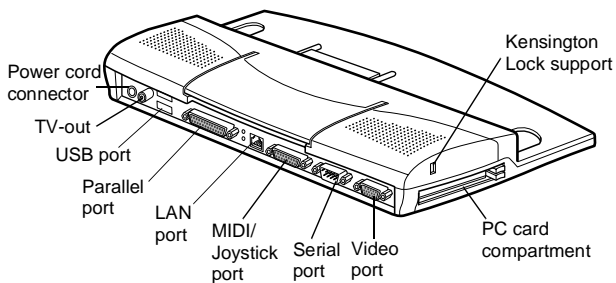
Figure 1. Front view of the Mini Dock

Figure 2. Back view of the Mini Dock

Connecting the Mini Dock

This section gives you detailed information on connecting and disconnecting the Mini Dock with your Notebook PC.

> ✋ **Turn off your computer or change the power management to REST Mode, before you connect or disconnect the Mini Dock, failing to do this may seriously damage your computer.**

To connect the Mini Dock:

1. Turn off your computer or change the power management to REST Mode.

2. Slide the inner door of your system open.

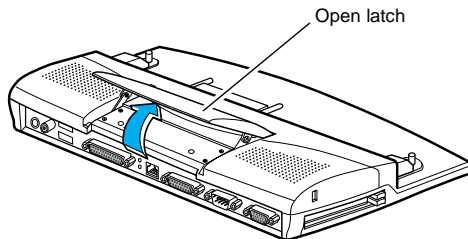3. Pull the "open latch" on the Mini Dock. (Figure 3)

Open latch

Figure 3. Connecting the Mini Dock

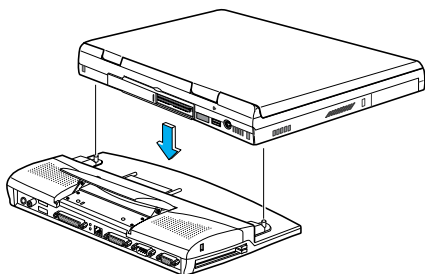4. Place your notebook PC on the Mini Dock.(Figure 4)

Figure 4. Placing the system on the Mini Dock

5. Push down the "open latch". (Figure 5)

Do not push the "open latch" too hard, it might damage the Mini Dock or your notebook PC. If the computer does not fit well with the Mini Dock, try steps again from step 2 .
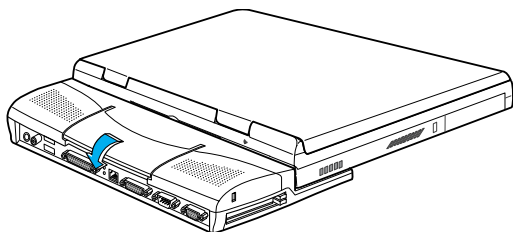

Figure 5. Settling the notebook PC

6. Connect peripheral devices to the Mini Dock according to Figure 2 on page 2.

7. Connect the AC adapter to the power cord connector before turn the computer on or wake up from the REST Mode. (Figure 6)

   The Mini Dock does not operate properly if the AC adapter is not connected.

Make sure that the AC adapter is connected to the Mini Dock power cord connector only. If you connect the AC adapter to the computer while the Mini Dock and the computer are connected, it can damage the computer or the Mini Dock.
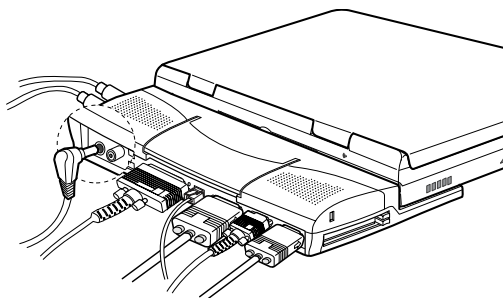

Figure 6. Connecting the AC adapter

To disconnect the computer from the Mini Dock:

1. Turn off your computer or change the power management to REST Mode.

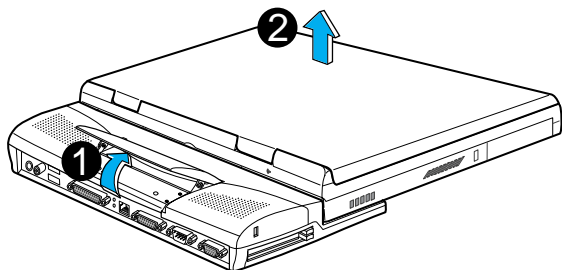2. Pull the "open latch" on the Mini Dock up.(Figure 7)

Figure 7. Disconnecting the Mini Dock

Installing Software

This part explains the installation method of connected devices' software and usage.

PC Card (PCMCIA card)

If you connect the PCMCIA card for the first time to the Mini Dock, then Windows 98 operating system will detect the PC card and start installation automatically.

Refer to the Notebook PC User's Guide for detailed information about PC card.

LAN Controller (optional)

Network driver must be installed when the LAN cable is connected to the Mini Dock for the first time. In Windows 98, the computer will detect the device and install the driver file.

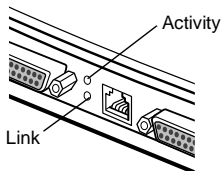Below figure shows the LED light means.(Figure 8)

Figure 8. LAN LED light

Feature of LAN Cable

LAN cable using on the Mini Dock Station is 100Ω UTP(Unshielded Twisted-Pair) cable, category 3 or category 5.

If you use an cable instead of standardized cables (ANSI / TIA / EIA-568-A), or connect a cable to RJ045 jack improperly, then Network will not process normally.

- UTP cable category

  Category 3 : 10M bps transmission rate

  (16MHz transmittable cable)

  Category 5 : 10Mbps or 100Mbps transmission rate

  (100MHz transmittable cable)

- Cable impedance

  100Ω 15 % @ 1MHz ~ Frequency (16MHz, 100MHz)

- RJ-45 Jack Pin

  Each cables and pins are classified by color. The color of the cables can be differed among manufacturers, and next table shows general color of pins.

Pair	Pin No.	Color	Function
Pair 2	Pin 1	White-Orange	TX +
Pair 2	Pin 2	Orange	TX -
Pair 3	Pin 3	White-Green	RX +
Pair 3	Pin 4	Green	RX -
Pair 1	Pin 5	Blue	
Pair 1	Pin 6	White-Blue	
Pair 4	Pin 7	White-Brown	
Pair 4	Pin 8	Brown	