SAMSUNG

Simple User Guide

SBB-MBOX

* The colour and the appearance may differ depending on the product, and the content in the manual is subject to change without prior notice to improve the performance.
* Download the user manual from the website for further details.
http://www.samsung.com/displaysolutions

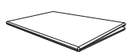
HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

BN68-09752D-00

Checking the Components

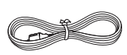
Contact the vendor where you purchased the product if any components are missing.
The appearance of the components may differ from the images shown.



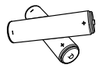
Simple User Guide



Warranty card
(Not available in some locations)



Power cord



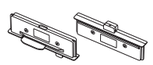
Batteries (AAA x 2)
(Not available in some locations)



Remote Control



AC/DC adapter



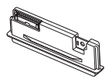
Sensor
(Top x 2 / Bottom x 2)



24 Pin System Cable x 5



Module RX x 8



Bluetooth/Wi-Fi module



Bluetooth/Wi-Fi module cable



Rack case mounting bracket x 2



Screw (M4 x L8) x 4

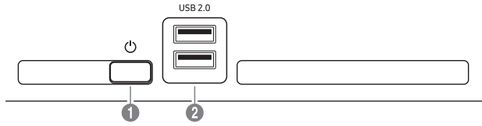


Screw (M5 x L12) x 4



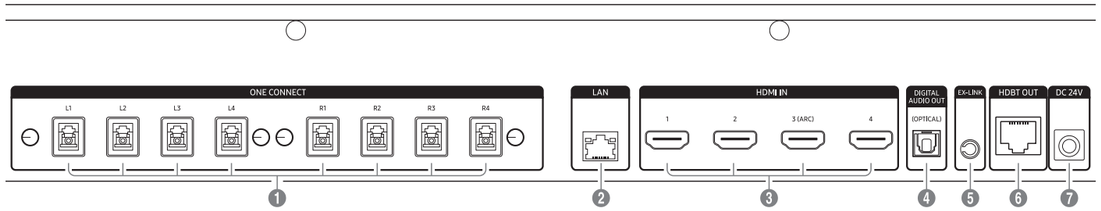
GUIDE CUSHION x 2

Front Side



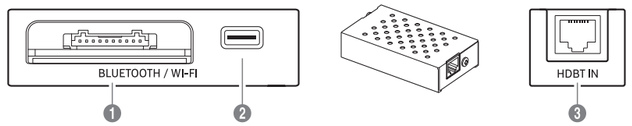
1 Turn the product on or off.
2 Connect to a USB memory device.

Reverse Side



1 Connects to a cable using an LC fiber cable.
2 Connect to a network using the LAN cable. (10/100 Mbps)
3 Connects to a source device using a HDMI cable or HDMI-DVI cable.
4 Connects to a audio device using the optical(digital) cable.
5 Dedicated to service technicians.
* This port is for servicing only and has no user function. Do not connect a cable to this port.
6 Connects to the **HDBT IN** port on the BRIDGE BOX using a LAN cable.
7 Connects to the AC/DC adapter.

BRIDGE BOX



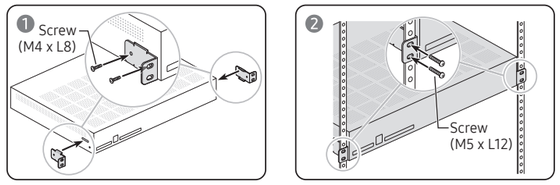
1 Connects to the Bluetooth/Wi-Fi module using the Bluetooth/Wi-Fi module cable.
2 Connects to the **BLUETOOTH / WI-FI** port on the first cabinet using the enclosed 24 Pin System Cable.
3 Connects to the **HDBT OUT** port on the M-Box by using a LAN cable.

Prior to Installation

Precautions for installation

- It is recommended that this device be installed in a 19-inch rack case, rather than under general consumer environment conditions.
- Make sure that the ambient temperature inside the rack does not exceed 35°C.
- If installing more than one M-Box, ensure that there is a space of at least 1U (approximately 44.45 mm) between the M-Boxes to prevent the vent on top of each M-Box from being blocked.
- Make sure the vent faces upward. Do NOT install the device in portrait orientation or upside down.
- Make sure the vent on top is not blocked to prevent the device from overheating.
- Exercise caution to ensure that no foreign material enters the vent on top of the device.
- If installing the device close to a wall, make sure that there is a space of at least 10 mm between the wall and the four sides of the device to ensure good ventilation.
- Make sure that there is a space of at least 50 mm between the wall and the rear ports of the device to gain access for connection of cables.
- Make sure at least 15.2 m (50 ft) distance is ensured between the modem and the Bluetooth/Wi-Fi module.

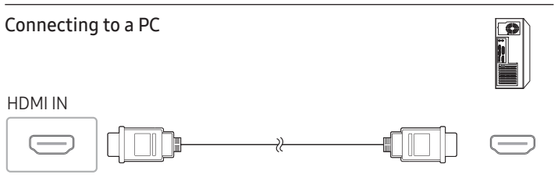
Installing M-Box on Rack Case



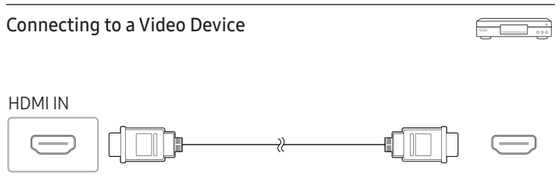
1. Attach the brackets to both sides of the M-Box main unit.
2. Fix the M-Box to the rack case.
   * Use appropriate screws that are compatible with the rack case size.

Connecting and using devices

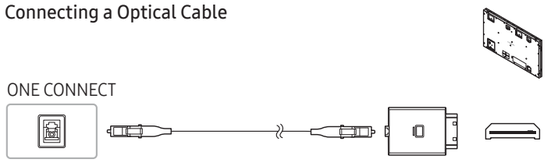
Connecting to a PC



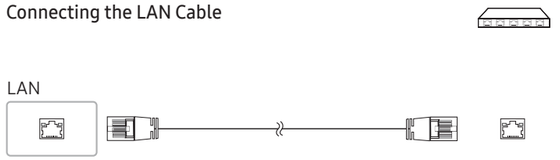
Connecting to a Video Device



Connecting a Optical Cable



Connecting the LAN Cable



Use a cable of CAT 6 (*STP type) or higher.
* STP: Shielded Twisted Pair
* Connect to a HUB or router that supports the DHCP function.

Troubleshooting Guide

Issues	Solutions
The screen keeps switching on and off.	Check that the cable between the product and the PC is connected correctly.
No Signal is displayed on the screen.	Check that the product is connected correctly with a cable.
	Check that the source device connected to the product is powered on.
Not Optimum Mode is displayed.	This message is displayed when a signal from the graphics card exceeds the product's maximum resolution and frequency.
	Refer to the Standard Signal Mode Table and set the maximum resolution and frequency according to the product specifications.

Issues	Solutions
There is no image on the screen and the power indicator blinks every 0.5 to 1 second.	The status of product is in power-saving mode.
	Press any key on the keyboard or move the mouse to return to the previous screen.
The remote control does not work.	Make sure that the batteries are correctly in place (+/-).
	Check if the batteries are flat.
	Check for power failure.
	Make sure that the power cord is connected.
	Check for any special lighting or neon signs switched on in the vicinity.

Specifications

Model Name		SBB-MBOX
Synchronization	Horizontal Frequency	15 – 255 kHz
	Vertical Frequency	24 – 120 Hz
Resolution	Optimum Resolution	3840 x 2160 @ 60 Hz
	Maximum Resolution	7680 x 4320 @ 60 Hz
Power Supply		AC100-240V~ 50/60Hz Based on the AC voltage of the adapter. For the DC voltage of the product, refer to the product label.
Environmental considerations	Operating	Temperature: 0 °C – 40 °C (32 °F – 104 °F) Humidity: 10% – 80%, non-condensing
	Storage	Temperature: -20 °C – 45 °C (-4 °F – 113 °F) Humidity: 5% – 95%, non-condensing
Supported models		IW008R

* This device is a Class B digital apparatus.
* For detailed device specifications, visit the Samsung Electronics website.
* The PVC Free (except for accessory cables) logo is the self-declared trademark of Samsung.
  - Accessory cables: signal cables and power cords

Warning! Important Safety Instructions

Please read the appropriate section that corresponds to the marking on your Samsung product before attempting to install the product.

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO QUALIFIED PERSONNEL.

⚡	This symbol indicates that high voltage is present inside. It is dangerous to make any kind of contact with any internal part of this product.
!	This symbol indicates that this product has included important literature concerning operation and maintenance.

» If your equipment uses an AC adapter:

- Only use the AC adapter with your product by Samsung.
- Do not use the power cord with other products.

» Do not install this equipment in a confined space such as a case or similar.

» The slots and openings in the cabinet and in the back or bottom are provided for necessary ventilation. The slots and openings must never be blocked or covered.

» The product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.

» Do not place a vessel containing water (vases etc.) on this apparatus, as this can result in a risk of fire or electric shock. (Apparatus shall not be exposed to dripping or splashing)

» The apparatus must be connected to an earthed MAINS socket-outlet (Class l Equipment only). Or Use only a properly grounded plug and receptacle (Class l Equipment only).

» To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.

» As long as this unit is connected to the AC wall outlet, it is not disconnected from the AC power source even if you turn off this unit by POWER.

This product is RoHS compliant.
This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.
For more information on safe disposal and recycling visit our website www.samsung.com/in or contact our Helpline numbers - 1800 40 SAMSUNG (1800 40 7267864) (Toll-Free) / 1800 5 SAMSUNG (1800 5 7267864) (Toll-Free)

Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.
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