

Kramer AV KC-Virtual Brain5 Room Control



Kramer AV KC-Virtual Brain5 Room Control User Guide

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Kramer AV KC-Virtual Brain5 Room Control



Product Information

Specifications

- KC-Virtual Brain5 Control Server
- Power supply (12V DC) with adapters for US, UK, and EU
- VESA mounting bracket
- VESA screw set
- Quick start guide
- HDMI OUT Connector
- RJ-45 Port
- HDMI IN Connector
- Power Connector
- Power Button with LED
- USB 3.0 Connectors (x2)
- USB 2.0 Connector
- Micro SD Card Slot
- Lock Anchor

Product Usage Instructions

Step 1: Check what's in the box

Make sure you have the following items:

- KC-Virtual Brain5 Control Server
- Power supply (12V DC) with adapters for US, UK, and EU

- VESA mounting bracket
- VESA screw set
- Quick start guide

Step 2: Get to know your KC-Virtual Brain5

The KC-Virtual Brain5 has the following features:

#	Feature	Function
1	HDMI OUT Connector	Connect to an HDMI sink
2	RJ-45 Port	Connect to a LAN (default mode)
3	HDMI IN Connector	Connect to an HDMI source
4	Power Connector	Connect to the 12V DC power supply
5	Power Button with LED	Press to power ON or turn OFF the device
6	USB 3.0 Connectors (x2)	Connect to USB devices, for example, a keyboard and a mouse
7	USB 2.0 Connector	Connect to a USB device, for example, a keyboard or mouse
8	Micro SD Card Slot	Not in use
9	N/A	Not in use
10	Lock Anchor	Use to lock the device to the desk

The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

Step 3: Mount KC-Virtual Brain5

Install the KC-Virtual Brain5 using one of the following methods:

- Method 1: [Provide detailed instructions for the mounting method 1]
- Method 2: [Provide detailed instructions for the mounting method 2]

Step 4: Connect inputs and outputs

If direct connectivity to KC-Virtual Brain5 is required, follow these steps:

1. Switch OFF the power on each device before connecting it to your KC-Virtual Brain5.
2. Connect the devices as shown in the diagram provided in the user manual.
3. For specified extension distances, use the recommended Kramer cables available at www.kramerav.com/product/KC-Virtual Brain5. Using third-party cables may cause damage.

Step 5: Connect power

Connect the power cord to KC-Virtual Brain5 and plug it into the mains electricity.

Step 6: Operate KC-Virtual Brain5

To operate the KC-Virtual Brain5, follow these steps:

1. Ensure you know IP networking.
2. Open a browser and enter "Brain:8090/docker.html" in the URL.
3. The screen may appear blank when opening the KC/brain UI for the first time.
4. Click "INSTALL/UPGRADE" to install the brains on the docker. The process may take around 1 minute.
5. KC-Virtual Brain5 is shipped with 5 licenses installed, and the Docker image is configured to start your brains when powering on a new unit.
6. Go to "GET LICENSES" to check how many licenses are installed. If the window is empty, contact your local customer support.
7. Click "STATUS" to check the status of the brains.
8. Click "RESTART" or "STOP" to restart or stop the brains.
9. Click "LOG" to download the logs. A zip file will be created in the download directory.

If you want to work with different network parameters, contact your local service engineer. The URL to access the brain is 8001/kramer-ui/index.html.

FAQ

- **Q:** Where can I download the full user manual?
- **A:** You can download the full user manual from www.kramerav.com/downloads/KC-Virtual Brain5.
- **Q:** How do I check if firmware upgrades are available?
- **A:** You can check if firmware upgrades are available in the latest user manual downloaded from www.kramerav.com/downloads/KC-Virtual Brain5.
- **Q:** What should I do if I need assistance with IP networking?
- **A:** If you need assistance with IP networking, it is recommended to contact your IT manager.
- **Q:** How many licenses are installed on the KC-Virtual Brain5?
- **A:** The KC-Virtual Brain5 is shipped with 5 licenses installed. You can check the number of installed licenses by going to "GET LICENSES" in the KC/brain UI. If the window is empty, contact your local customer support.
- **Q:** Can I use third-party cables for connectivity?
- **A:** It is recommended to use the recommended Kramer cables available at www.kramerav.com/product/KC-Virtual Brain5 for connectivity. Using third-party cables may cause damage.
- **Q:** How do I access the brain for different network parameters?
- **A:** To access the brain with different network parameters, it is recommended to contact your local service engineer. The URL to access the brain is 8001/kramer-ui/index.html.

KC-Virtual Brain5 Quick Start Guide

This guide helps you install and use your KC-Virtual Brain5 for the first time.

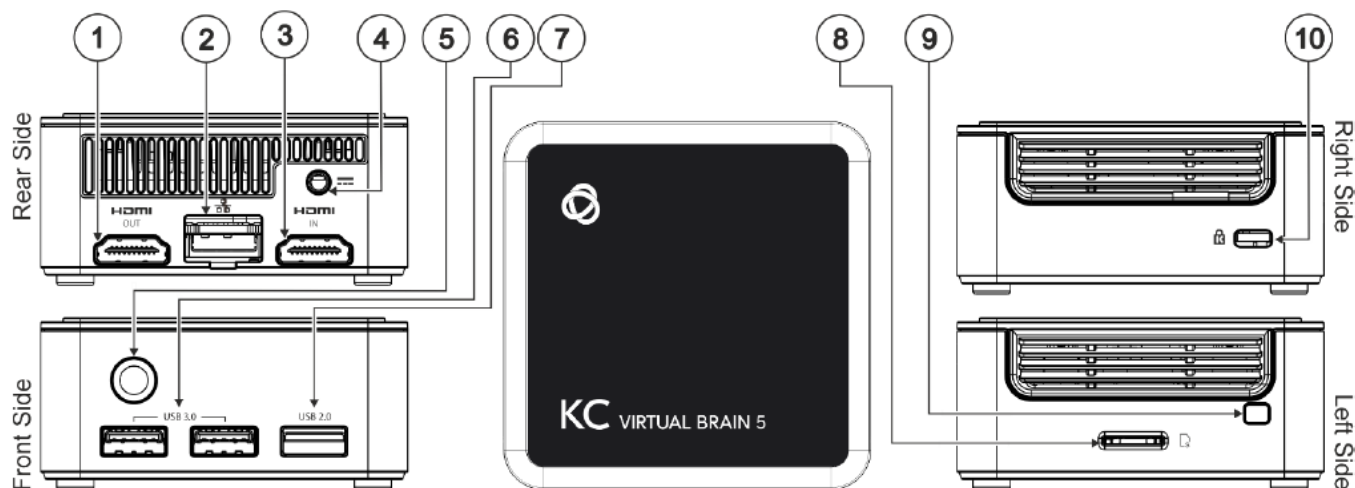
Go to www.kramerav.com/downloads/KC-Virtual Brain5 to download the latest user manual and check if firmware upgrades are available.

Installation Instructions

Step 1: Check what's in the box

- KC-Virtual Brain5 Control Server
- 1 Power supply (12V DC) with adapters for US, UK, and EU
- 1 VESA mounting bracket
- 1 VESA screw set
- 1 Quick start guide

Step 2: Get to know your KC-Virtual Brain5



#	Feature	Function
1	HDMI OUT Connector	Connect to an HDMI sink.
2	RJ-45 Port	Connect to a LAN (default mode).
3	HDMI IN Connector	Connect to an HDMI source.
4	Power Connector	Connect to the 12V DC power supply.
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6	USB 3.0 Connectors (x2)	Connect to USB devices, for example, a keyboard and a mouse.
7	USB 2.0 Connector	Connect to a USB device, for example, a keyboard or mouse.
8	Micro SD Card Slot	Not in use.
9	N/A	
10	Lock Anchor	Use to lock the device to the desk.

Step 3: Mount KC-Virtual Brain5

Install KC-Virtual Brain5 using one of the following methods:

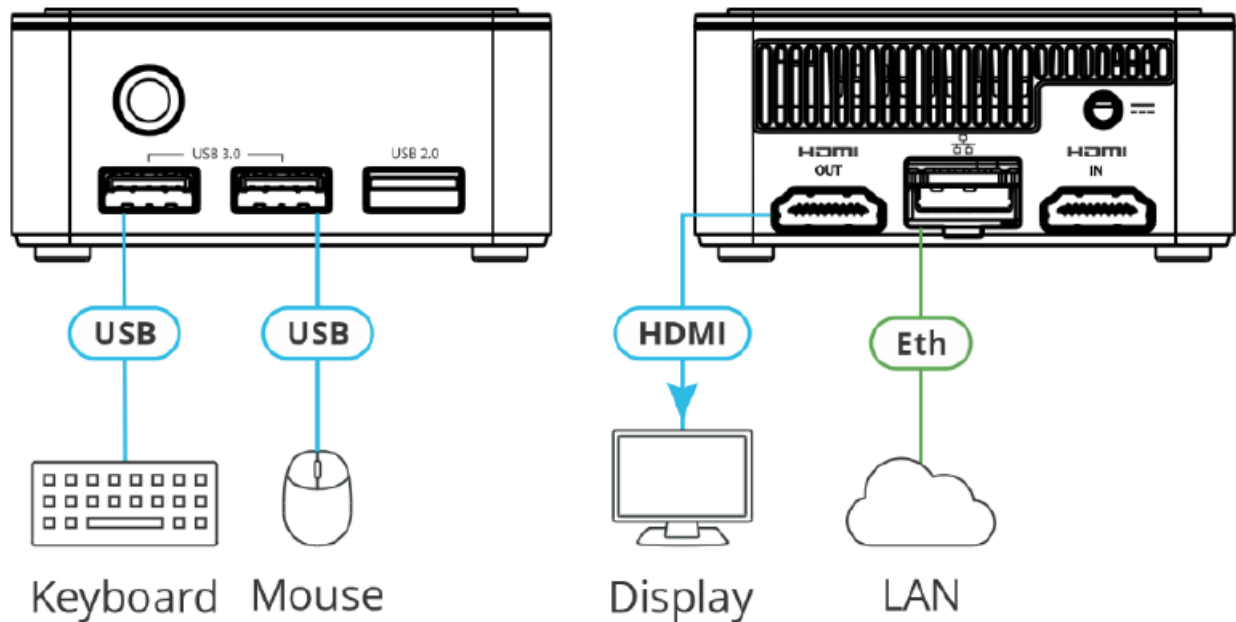
- Place KC-Virtual Brain5 on a flat surface.
- When mounting on a wall, install the VESA mounting plate with 4 screws, insert the 2 hand-tightened screws into the bottom of the device, and mount the device on the mounting plate using the 2 screws.
- Ensure that the environment (e.g., maximum ambient temperature & air flow) is compatible with the device.

- Avoid uneven mechanical loading.
- Appropriate consideration of equipment nameplate ratings should be used to avoid overloading of the circuits.
- Reliable earthing of rack-mounted equipment should be maintained.
- The maximum mounting height for the device is 2 meters.

Step 4: Connect inputs and outputs

If direct connectivity to KC-Virtual Brain5 is required, connect the device as shown below.

Always switch OFF the power on each device before connecting it to your KC-Virtual Brain5.



To achieve specified extension distances, use the recommended Kramer cables available at www.kramerav.com/product/KC-Virtual Brain5. Using third-party cables may cause damage!

Step 5: Connect power

Connect the power cord to KC-Virtual Brain5 and plug it into the mains electricity.

Safety Instructions (See www.kramerav.com for updated safety information)

Caution

- For products with relay terminals and GPIO ports, please refer to the permitted rating for an external connection, located next to the terminal or in the User Manual.
- There are no operator-serviceable parts inside the unit.

Warning

- Use only the power cord that is supplied with the unit.
- Disconnect the power and unplug the unit from the wall before installing it.

Step 6: Operate KC-Virtual Brain5

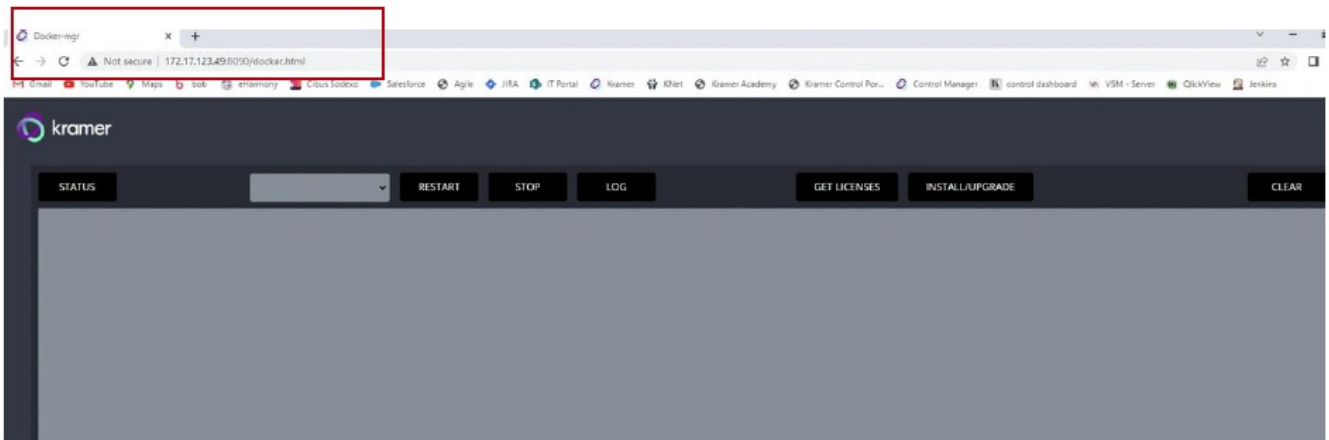
- Knowledge of IP networking is required to perform the following procedure. Inaccurate IP calculation could damage your IP network when you start KC-Virtual Brain5.

- A DHCP server is recommended. You may need to contact your IT manager to get the IP of your brain.

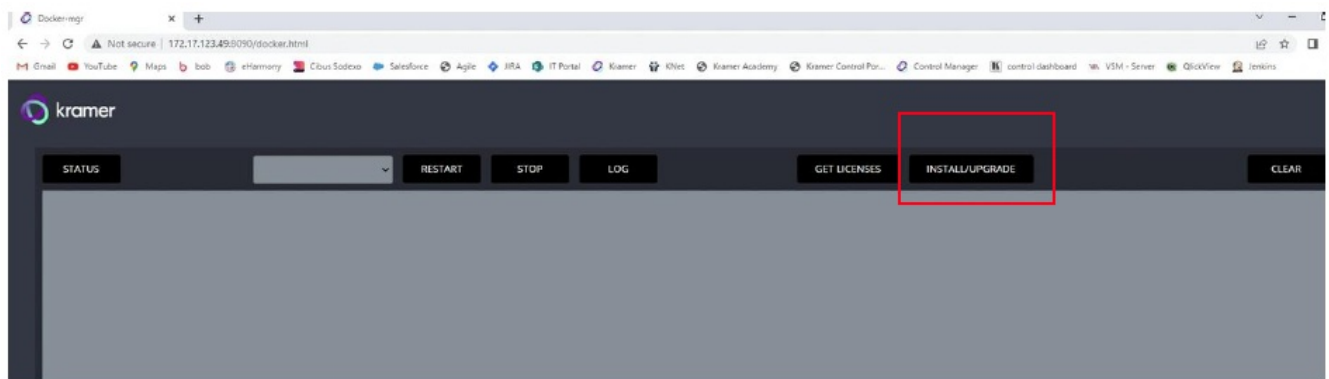
To operate KC-Virtual Brain5, you need to follow the steps below

1. Open a browser and enter Brain <IP_Address>:8090/docker.html in the URL.

When opening a KC/brain UI for the first time, the screen appears blank.



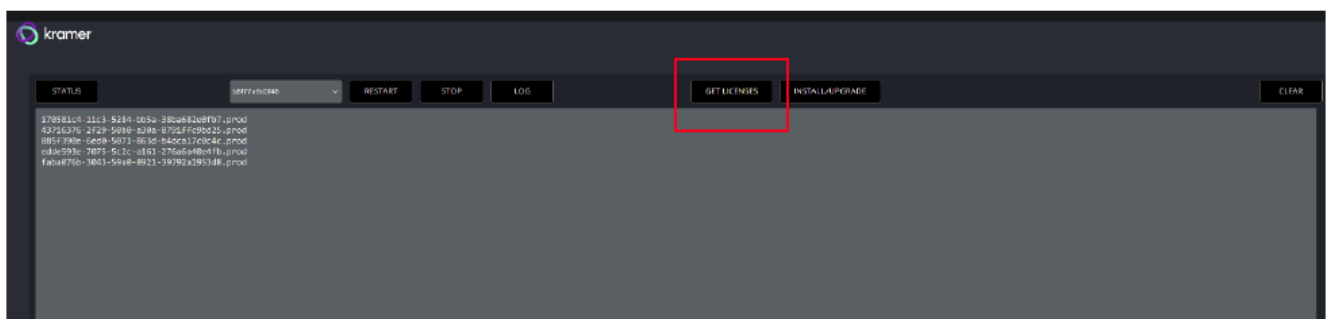
2. Click INSTALL/UPGRADE to install the brains on the docker. The process can take around 1 minute.



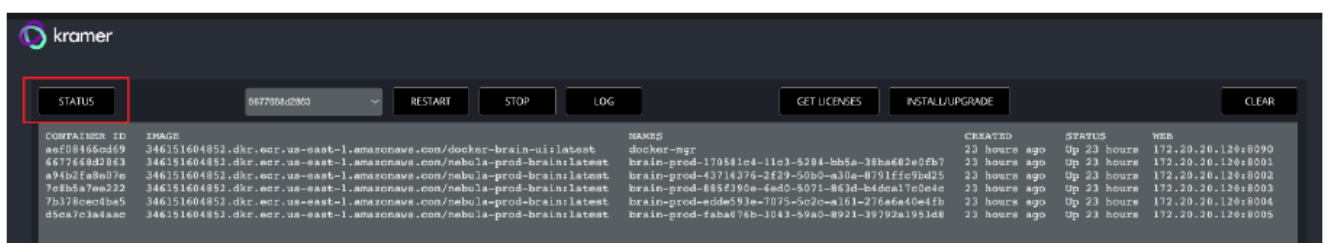
KC-Virtual Brain5 is shipped with 5 licenses installed and the Docker image is configured to ensure that powering on a new

KC-Virtual Brain5 unit will start your brain.

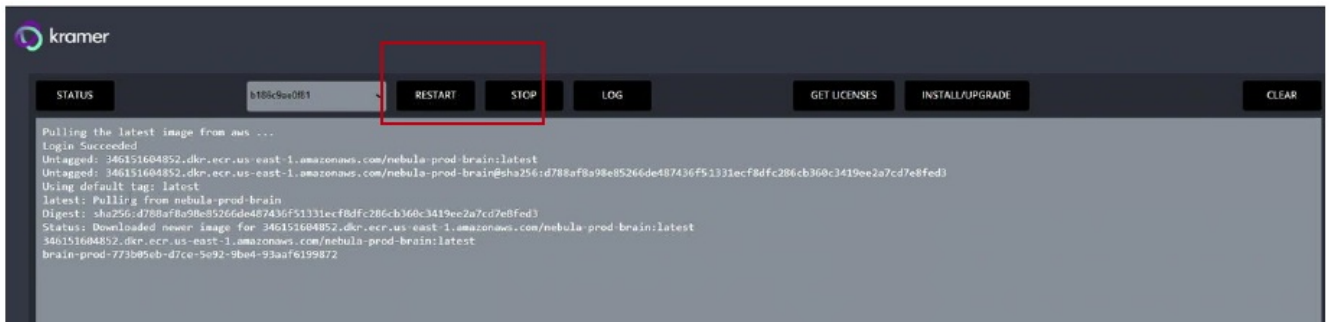
3. Go to GET LICENSES to check how many licenses are installed. If the window is empty, contact your local customer support.



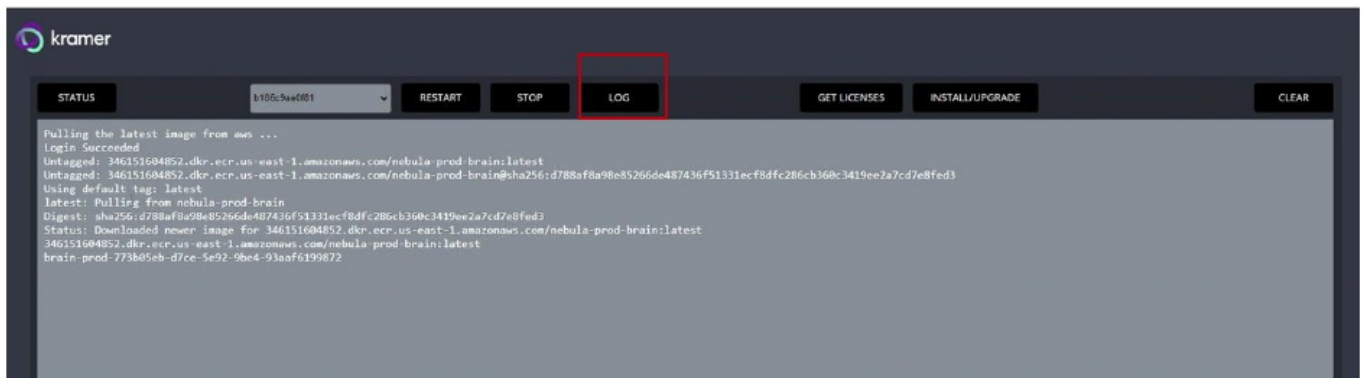
4. Click STATUS to check the status of the brains.



5. Click RESTART or STOP to restart or stop the brains.

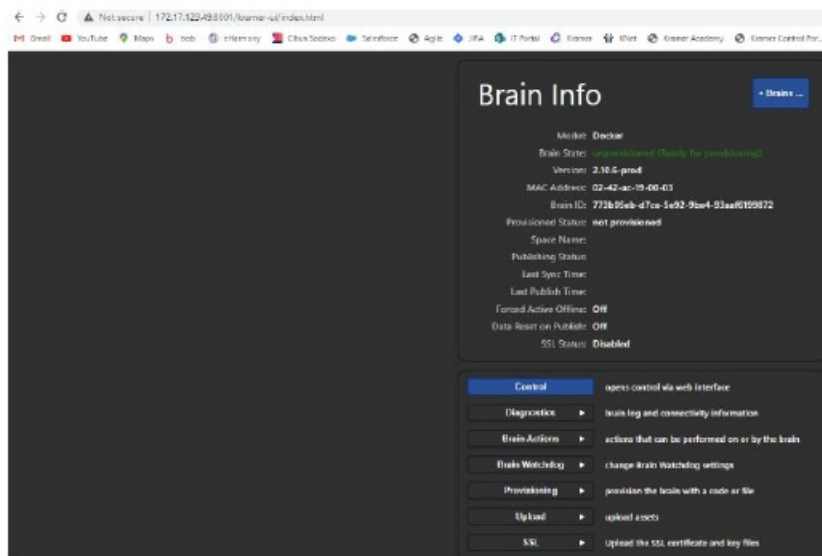


6. Click LOG to download the logs. A zip file is created in the download directory.



Host Network

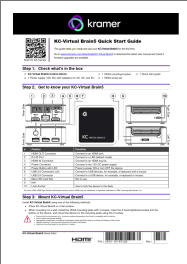
If you want to work with different network parameters, contact your local service engineer.
The URL to access the brain is <IP_Address>:8001/kramer-ui/index.html.



kramerav.com.



Documents / Resources

	<p>Kramer AV KC-Virtual Brain5 Room Control [pdf] User Guide</p> <p>KC-Virtual Brain5 Room Control, KC-Virtual, Brain5 Room Control, Room Control</p>
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References

- [Kramer | Audio Visual Solutions - Kramer](#)
- [No resources found](#)
- [No resources found](#)
- [Kramer Pro AV manufacturer - Product Categories](#)
- [KC-Virtual Brain5 Hardware Platform with 5 Instances of Kramer BRAINware](#)
- [User Manual](#)