

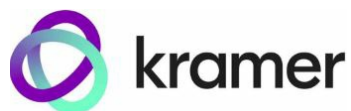


kramer KC-BRAINWARE-25 Control Processor User Manual

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kramer KC-BRAINWARE-25 Control Processor



Product Information

Specifications

- **Hardware Platform:** KC-BRAINware-25
- **Number of Instances:** 25
- **Supported Interfaces:** HDMI, Microphone (3.5/6.5mm), Ethernet (RJ45)
- **Simplified AV Installation:** Control up to 25 rooms without installing a physical Brain
- **Scalable to Your Installation:** Supports controlling up to 25 standard spaces
- **Format Conversion:** Use Kramer FC family of control format converters to enable controlling almost any device
- **Fully Customizable UI:** Using Kramer Control, easily personalize your control interface any way you like
- **Space Controller:** Controls any AV device with its corresponding logic
- **No Programming Required:** Install and start using the platform in minutes with no need for programming

Technical Specifications

- **Data Ports**
 - 2 USB 3.1 Gen 1 (blue): On female USB type-A connectors
 - 3 USB 2.0 (black): On female USB type-A connectors
 - 1 LAN: On an RJ-45 connector
- **Input:**
 - 1 Microphone: On a 3.5mm jack
- **Output:**
 - 1 HDMI: On a female HDMI connector
 - 1 DisplayPort: On a female DisplayPort connector
 - 1 Unbalanced Stereo Audio Line Out: On a 3.5mm jack
- **Video:**
 - Max. Resolution HDMI Input: 4K@60
 - Max. Resolution DisplayPort Output: 4K@60
 - Max. Resolution HDMI Output: 4K@30 (RGB)
 - Video Streaming Playback (using Kramer VIA app Multimedia feature): 1080p@60fps

Product Usage Instructions

Installation

1. Ensure all necessary cables are connected to the appropriate ports.
2. Connect the power adapter to the device and plug it into a power source.

Setting Up the Control Interface

1. Power on the device.
2. Access the Kramer Control software on your computer or mobile device.
3. Follow the instructions provided by the software to personalize your control interface.

Controlling AV Devices

1. Ensure the AV device you want to control is connected to the KC-BRAINware-25.
2. Launch the control interface on your computer or mobile device.
3. Select the appropriate room or space you want to control.
4. Use the interface's controls to operate the AV device as desired.

FAQ

- **Q:** Do I need programming skills to use the KC-BRAINware-25?
 - **A:** No, programming skills are not required. The platform can be installed and used without any programming.
- **Q:** Can I control more than 25 rooms with the KC-BRAINware-25?
 - **A:** No, the KC-BRAINware-25 supports controlling up to 25 standard spaces.
- **Q:** What resolution can the KC-BRAINware-25 handle?
 - **A:** The KC-BRAINware-25 supports a maximum resolution of 4K@60 for HDMI input and DisplayPort output. The maximum resolution for HDMI output is 4K@30 (RGB).
- **Q:** How do I customize the control interface?
 - **A:** You can easily personalize your control interface using the Kramer Control software. Follow the instructions provided by the software to customize the interface according to your preferences.

KC-BRAINware-25 is a hardware platform with 25 instances of Kramer BRAINware software already installed on the device. KC-BRAINware-25 is designed to maximize the features and benefits of Kramer BRAINware for controlling up to 25 standard spaces (e.g. a standard space could include a scaler, monitor, lighting system, touch panel and keypad). Kramer BRAINware is an enterprise-class, revolutionary, user-friendly, software application that enables you to execute all your room control actions straight from a computer without installing a physical Brain between the user interface and the controlled devices.

Using the power of Kramer Control cloud-based control & space management platform, Kramer BRAINware enables you to operate multiple devices over Ethernet such as scalars, video displays, audio amplifiers, Blu-ray players, sensors, screens, shades, door locks, and lights. Designing a system was never easier, with Kramer Control's programming free, intuitive drag & drop Builder. Install, configure and modify your control system without any prior knowledge in programming.

FEATURES

- **Simplified AV Installation:** Control up to 25 rooms without installing a physical Brain
- **Scalable to Your Installation:** Supports controlling up to 25 standard spaces
- **Format Conversion:** Use Kramer FC family of control format converters to enable controlling almost any device
- **Fully Customizable UI:** Using Kramer Control, easily personalize your control interface any way you like
- **Space Controller:** Controls any AV device with its corresponding logic
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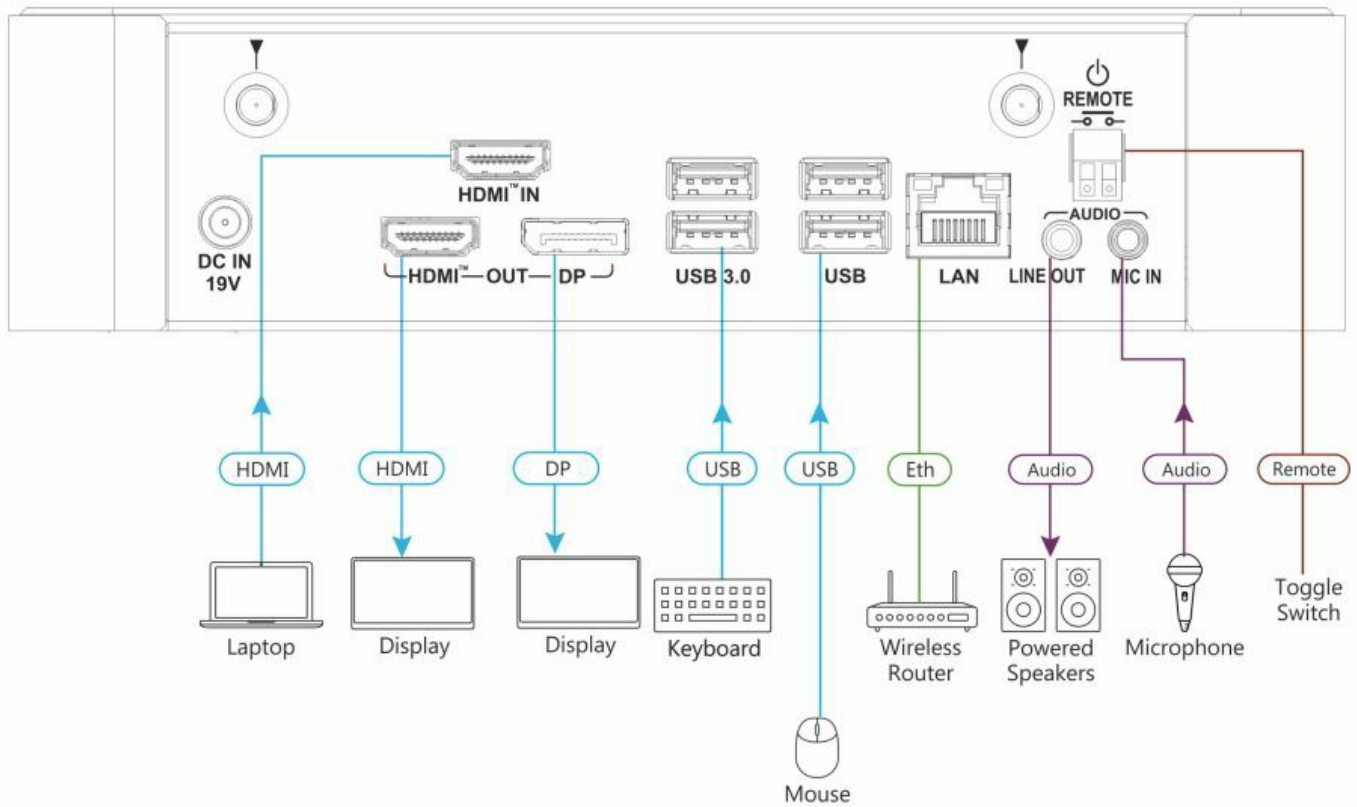
TECHNICAL SPECIFICATIONS

- **Data ports:** 2 USB 3.1 Gen 1 (blue): On female USB type-A connectors
 - **3 USB 2.0 (black):** On female USB type-A connectors
 - **1 LAN:** On an RJ-45 connector


- **Entrance:** 1 Microphone: On a 3.5mm jack
- **Exit:** 1 HDMI: On a female HDMI connector
 - **1 DisplayPort:** On a female DisplayPort connector
 - **1 Unbalanced Stereo Audio Line Out:** On a 3.5mm jack
- **Video:** Max. Resolution HDMI Input: 4K@60
 - **Max. Resolution DisplayPort Output:** 4K@60
 - **Max. Resolution HDMI Output:** 4K@30 (RGB)
 - **Video Streaming Playback (using Kramer VIA app Multimedia feature):** 1080p@60fps
- **Audio Integrated High Definition Audio:** 5.1 channel
 - **Processor:** 3.60 GHz quad core (8th Generation)
- **General Main Memory:** 8GB (2 x 4GB DDR4 SDRAM modules)
 - **Storage:** 128GB, solid–state drive
 - **LAN:** Gigabit LAN
- **Energy requirement source:** 19V
 - **Consumption:** 5A
- **Environmental conditions:** Operating Temperature: 0° to +40°C (32° to 104°F)
 - **Storage Temperature:** –40° to +70°C (–40° to 158°F)
 - **Humidity:** 10% to 90%, RHL non–condensing
- **Accessories included:** Power adapter
- **Product dimension:** 21.00cm x 19.00cm x 5.00cm (8.27" x 7.48" x 1.97") W, D, H
- **Product weight:** 1.4kg (3.1lbs) approx
- **Verse and dimension:** 40.50cm x 29.70cm x 9.00cm (15.94" x 11.69" x 3.54") W, D, H
- **Verse and weight:** 2.8kg (6.1lbs) approx



Connections



Documents / Resources

	<p>kramer KC-BRAINWARE-25 Control Processor [pdf] User Manual KC-BRAINWARE-25 Control Processor, KC-BRAINWARE-25, Control Processor, Processor</p>
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References

- [User Manual](#)