

## Unboxing and Setup Guide for the Edge Blending Processor



Welcome to the unboxing and setup guide for the Edge Blending Processor. This guide will help you smoothly navigate through the unboxing process and provide you with essential instructions to set up your device effectively. Please make sure to read carefully to ensure a successful installation.

**Release Date:** May, 2024

**Applicable Models:**

- G812/G814
- M811L/M811/M812/M813/M814
- UD101L/UD101/UD102/UD103/UD104

**1. Download Essential Technical Information:** Before proceeding, make sure to download the necessary technical documents from the provided sources:

- Edge Blending Quick Installation Guide: [Download Here](#)
- Edge Blend Calculator Excel file: [Download Here](#)
- User Manual: Available at <https://www.vnstw.com/supp.php#>
- GCT PC Tool: [Download Here](#)
- GCT User Guide: [Download Here](#)
- RS232 Protocol for System Control: [Download Here](#)

**2. Connect Cables and Power System:** It is suggested to connect all the related devices from one power supply system with good grounding and check whether there is any floating voltage between connecting devices. Before powering on the system, please ensure all cables are properly connected and no floating voltage. These precautions will prevent damage from floating voltage in the system. Hot plug will have more chance for the failure.

**3. Quick Setup with GCT:** For a quicker and more convenient setup, use the GCT (GeoBox Control Tool). Connect the GCT via USB or Ethernet using a Cat 5/6 cable. Multiple GCT can be opened at the same time to control multiple boxes with different IP. WiFi router and

Bluetooth keyboard/mouse is recommended for convenient setup in front of the screen. Please refer to the User Guide for Ethernet connection details.

**4. Simultaneous Use of GCT and Remote Controller:** Both the GCT and remote controller can be used simultaneously. Users can save setting data into the Profile Index using either method.

**5. GCT Backup to PC:** Remember that each file can store only one Profile Data. With 5 Profiles available, save each one into separate files.

**6. System Reset:** Insert a small pin into the Reset hole on the back panel for 5 seconds to reset the system to default settings and user Profile data will be erased at the same time.

**7. Additional Reset Information:** Resetting via remote controller, OSD, or FW/MCU code update will not erase user Profile data.

**8. Output Resolution:** By default, the GeoBox output resolution is FHD. Adjust this to match the native resolution of your projector. Set the output resolution separately for each channel.

**9. Saving Final Settings:** Save your final settings into the Profile Index. Either click SAVE + Number key on the remote controller or navigate to [System] → [Save Profile] in GCT. All channels will be saved simultaneously.

**10. Recalling Profile Settings:** To recall settings from the Profile Index, click PROFILE + Number key or go to [System] → [Load Profile] in GCT. This action will restore settings for all channels.

## GCT Hotkeys for Quick Geometry Alignment

Ensure your PC language is set to English for smooth keyboard and mouse operations. Follow these steps for efficient geometry alignment:

1. Open and connect GCT, moving the GCT window to the PC.
2. Click [Warp Adjust] → Select Channel → [P] key to enable the grid pattern with different color modes.
3. Use [CTRL + P] to turn off the pattern and access OSD menu for operation using the IR controller.
4. Utilize [CTRL+ ALT+ #] to select channels or click using the mouse.
5. Start geometry alignment from [2x2] → [3x3] → [5x3] and so on.

6. Press [M] to change the [Warp Adjust] mode sequentially, adjusting for complete Line position shifts.
7. Use [CTRL + Arrow] to select control points for adjustments.
8. Adjust control point positions using [Arrow], defaulting to 8 pixels/step (editable).
9. For more precise adjustments, use [Shift + Arrow] for geometry adjustments at 1 pixel/step.
10. Press [CTRL+R] to reset geometry alignment settings in the current Warp Adjust mode and channel.

**Important Alignment Sequence:**

Follow this sequence for effective geometry alignment: [2x2] → [3x3] → [5x3] → [9x5] → [17x9]. If return from [17x9] to [5x3], only data under [5x3] will be retained. [2x2] alignment can be performed at any time without affecting warp adjustment results.

Geometry alignment can be time-consuming. After achieving significant alignment milestones, save your settings into the Profile Index.

**Enhanced Control with Bluetooth Keyboard and Mouse:** For extended control distance and ease of use in front of the screen, consider using a Bluetooth keyboard and mouse.

Thank you for choosing our Edge Blending Processor. Following these instructions will help <https://drive.google.com/file/d/1JXykqqtioinYDtW-nSle8ZaITslpku/view?usp=sharing> questions or need assistance, please refer to the provided technical documents or contact our support team. Enjoy your seamless visual experience!

Technical support global: [Support@VNStw.com](mailto:Support@VNStw.com)