Bundle Quick Start Guide

1. Remove RenderBEAST® PC from case and place in desired location.
   o Plug in the following items to the computer. *See Figure A for generic overview of ports.*
      ▪ Power cord
      ▪ Monitor: Plug the monitor into the graphics card (GPU) and not the motherboard (I/O)
      ▪ Keyboard and Mouse: Plug into the motherboard (may be wired or wireless dongle)
      ▪ Ethernet cable or Wi-Fi antennas (if necessary)

*Figure A: Sample RenderBEAST port identification* *Note: Each graphics card (GPU) will have unique and different connections. The image below is for a generic overview only and not intended to exactly replicate your custom RenderBEAST configuration.*
2. Remove Varjo headset, link boxes and power cables from case. See Figure B for overview of set-up.
   - Plug in the following items to the computer:
     - 1x DisplayPort from Headset to RenderBEAST (Plug into GPU port)
       - See Figure B: Cable 5
     - 1x USB-C from Link Box to RenderBEAST (Plug into motherboard port)
       - See Figure B: Cable 3
     - 1x Power from Link Box to the 60W port on Power Brick
       - See Figure B: Cable 2
     - 1x USB-C from Headset to Link Box
       - See Figure B: Cable 4
   - Plug the controllers into the Power Brick to charge, if necessary
     - See Figure B: Cable 7

Figure B: Connecting Varjo XR-4 headset
3. Remove and set up remaining peripherals from case.
   - Setup Vive® Base Stations on tripods (if using SteamVR tracking). See Figure C for tips on set-up.
     - **Base Stations can be used with Varjo XR-4 part numbers:**
       - V0017900
       - V0018200
       - V0018000
       - V0018300
       - V0018500
   - Turn on wireless keyboard/trackpad/mouse

*Figure C: Setting up Base Stations* *(Note: Base stations also sometimes referred to as “lighthouses”)*.

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**Tips for setting up the base stations**

*Note:*
The hardware may be purchased separately from the Accessories tab on www.vive.com/product/.

You may set up the base stations in a way that’s suitable for your place. For best results, you may follow these recommendations:

- Mount the base stations diagonally and above head height, ideally more than 2 m (6 ft 6 in).
- Secure the base stations in a location where they can’t be easily jostled or moved.
- Each base station has a 120-degree field of view, so it’s ideal to adjust its angle between 30 and 45 degrees to fully cover your play area.
- For optimal tracking, make sure that the maximum distance between the two base stations is 5 m (16 ft 4 in).
- Avoid setting up in an area with bright light, which may negatively affect the performance of the base stations.
4. Power on RenderBEAST.
5. Power on the Varjo headset (button on top right of headset).
6. Open Varjo Base software application on RenderBEAST computer.
   o Update your headset firmware if prompted
     ▪ Varjo Base application will automatically check that your headset firmware is up to date.
     ▪ If the firmware is not compatible with the current version of Varjo Base, you will be prompted to update the firmware.
   o Pair your controllers. **Note:** *First time use only. This step is not necessary after the first time.*
     ▪ Follow the instructions in Varjo Base to pair your controllers.
   o Update controller firmware if prompted.
     ▪ In Varjo Base, go to the Support tab and select Update under Controller firmware update.
     ▪ Follow the instructions on the screen to update the controllers.
     ▪ **Note:** *Varjo Base will incorrectly show “Update to version 0.xxx” even after firmware has been updated.*
7. Headset is setup and ready to run.

- **OPTIONAL ADDITIONAL SET-UP:** If also installing UltraLeap, 15M cables, etc., be sure to reference the specific set-up documentation included with the corresponding packaging of these optional add-on Varjo features.

- **RAVE Computer support:** For RenderBEAST and set-up questions:
  o Email: support@rave.com
  o Call: 1.800.966.7283

- **Varjo support:** For tips and tricks on Varjo, Varjo Base, and other product updates/usage:
  o Getting Started and Setting Up Your XR-4 Headset
    ▪ [https://varjo.com/use-center/get-started/varjo-headsets/setting-up-your-headset/setting-up-xr-4/](https://varjo.com/use-center/get-started/varjo-headsets/setting-up-your-headset/setting-up-xr-4/)
    - Alternatively, you can scan the QR code below to access the link above

**QUESTIONS?** Email support@rave.com or call 1.800.966.7283