

BMG ARCADE INSTALLER

Operator USB Preparation and Installation Manual

This procedure explains how to prepare a Ventoy USB installer, copy the BMG Arcade installation files to the USB, and install the machine using the BMG installer image.

Important Safety Instructions

- This process can erase the target computer drive.
- Make sure the correct USB drive is selected when installing Ventoy.
- Do not remove power while the installer is copying files or installing Ubuntu.
- Use the correct installer image: **BMG_Installer_v3.iso**.

Required Files and Equipment

1. Prepare the Required Items

You need:

- One USB flash drive 32GB or larger.
- A Windows computer or Linux computer to prepare the USB.
- The BMG installer zip from the bucket.
- The image file named:

BMG_Installer_v3.iso

The extracted package must contain this folder:

BMG_INSTALLER

Inside **BMG_INSTALLER**, confirm that these items exist:

```
arcade_setup  
Linux  
install_bmg_arcade.sh
```

Download the BMG Installer Zip

2. Open the Download Link

On the preparation computer, open this link in a browser:

http://www.bmg-support.org/resource/software/auto_vento/BMG_ARCADE_INSTALLER.zip

Download the BMG Arcade installer zip file from this folder.

The zip package should contain the installer image and the **BMG_INSTALLER** folder.

3. Extract the Zip File

After the download finishes, right-click the zip file and select **Extract All**.

After extraction, you should see:

BMG_Installer_v3.iso
BMG_INSTALLER

Do not rename these files.

Install Ventoy on the USB

4. Download Ventoy

Open the official Ventoy website:

<https://www.ventoy.net/en/download.html>

Download the correct Ventoy package for your computer.

For most Windows computers, download the Windows zip package.

5. Install Ventoy to the USB

1. Insert the USB flash drive into the preparation computer.
2. Extract the Ventoy download.
3. Open the Ventoy folder.
4. On Windows, run:
Ventoy2Disk.exe
5. Select the correct USB drive from the device list.
6. Click **Install**.
7. Confirm the warning messages.

Installing Ventoy erases the selected USB drive. Confirm the USB drive carefully before clicking Install.

6. Confirm the Ventoy USB Is Ready

After Ventoy finishes installing, unplug and reconnect the USB if needed.

The USB should appear as a normal drive named something like:

Ventoy

Open the Ventoy USB drive.

Copy the BMG Files to the Ventoy USB

7. Copy the Installer Image to the Root of the USB

Copy this file directly onto the main/root area of the Ventoy USB:

BMG_Installer_v3.iso

The image file must not be placed inside the **BMG_INSTALLER** folder.

Correct location:

Ventoy USB / BMG_Installer_v3.iso

8. Copy the BMG_INSTALLER Folder to the Root of the USB

Copy the complete folder below directly onto the main/root area of the Ventoy USB:

BMG_INSTALLER

Correct folder structure on the USB:

```
Ventoy USB /  
├── BMG_Installer_v3.iso  
└── BMG_INSTALLER /  
    ├── arcade_setup /  
    ├── Linux /  
    └── install_bmg_arcade.sh
```

Do not put **BMG_Installer_v3.iso** inside the **BMG_INSTALLER** folder. Ventoy must see the ISO file at the root of the USB.

9. Safely Eject the USB

When copying is finished, safely eject the USB from the preparation computer.

Do not remove the USB while files are still copying.

Install the Machine Using the USB

10. Boot the Arcade PC from the Ventoy USB

1. Turn the arcade PC off.
2. Insert the Ventoy USB.
3. Turn the PC on.
4. Open the boot menu by spamming F12 during the boot process
5. Select the USB drive. You can use arrow keys to navigate to it and press Enter or simply double-click on it using the mouse

The boot key depends on the motherboard. Common keys are:

F8
F11
F12
ESC
DEL

11. Select the Installer Image

When the Ventoy menu appears, select:

BMG_Installer_v3.iso

Press **Enter** to boot it.

Select **Normal Mode**

12. Start the BMG Arcade Installer

The Ubuntu/BMG installer will start from the image.

Follow the on-screen installer menu and select the BMG Arcade installer option when shown.

The installer image is used to install the operating system. The **BMG_INSTALLER** folder on the USB provides the arcade setup files and game folder used after installation.

13. Wait for the Installation to Complete

Allow the installer to finish completely.

During installation, the system may copy files, install drivers, install BMG services, and prepare the arcade environment.

Do not shut down the machine during this process.

14. Reboot After Installation

When installation is complete, reboot the machine if prompted.

Remove the USB only when the installer tells you to remove it, or after the PC has powered off/restarted safely.

First Boot After Installation

15. Let the System Start Automatically

On first boot, the machine should log in automatically and start the BMG arcade services.

Wait for the BMG startup screens and prompts.

If the system asks for the cabinet serial number, enter the serial number printed on the machine label.

16. Confirm the Game Starts

After setup is complete, the machine should prepare the game and launch it automatically.

Confirm that:

- The desktop loads.
- The BMG startup menu or status window appears.
- The game starts.
- The cabinet hardware is responding.

Final USB Structure Check

Item	Correct Location on USB
BMG_Installer_v3.iso	Root of the Ventoy USB
BMG_INSTALLER folder	Root of the Ventoy USB
arcade_setup	Inside BMG_INSTALLER
Linux	Inside BMG_INSTALLER
install_bmg_arcade.sh	Inside BMG_INSTALLER

Common Mistakes

17. Check These Before Repeating the Installation

If the installer does not work, check these items first:

- The ISO file is at the root of the USB.
- The folder name is exactly:

`BMG_INSTALLER`

- The script name is exactly:

`install_bmg_arcade.sh`

- The **Linux** folder is already extracted and is inside **BMG_INSTALLER**.
- The USB was prepared with Ventoy before copying the BMG files.