



This article needs some TLC. Read at your own risk.

PV-1000

The PV-1000 (a.k.a. Pi Bui-Sen) is a third-generation videogame console developed by Casio. It was released exclusively in Japan in 1983.

Failing to make a significant dent in the market, probably being overshadowed by [the competition](#), Casio decided to pull out the PV-1000 only several weeks after its launch.

This system scrapes metadata for the “pv1000” group and loads the pv1000 set from the currently selected theme, if available.



Quick reference

- **Emulator:** [MAME](#)
- **Folder:** /userdata/roms/pv1000
- **Accepted ROM formats:** .bin, .zip, .7z

BIOS

No PV-1000 emulator in Batocera needs a BIOS file to run.

ROMs

Place your PV-1000 ROMs in /userdata/roms/pv1000.


Emulators

MAME

[MAME](#), the Multiple Arcade Machine Emulator, is a multi-purpose emulation framework which facilitates the emulation of vintage hardware and software. Originally targeting vintage arcade machines, MAME has since absorbed the sister-project [MESS](#) (Multi Emulator Super System) to support a wide variety of vintage computers, video game consoles and calculators as well. MAME doesn't use an individual “core” for each system like RetroArch does, instead the ROM itself usually contains the necessary information to accurately emulate it, thus making it specific to the version of

MAME it was made for. Overall it's a very complicated subject, we have a [guide specific to arcade](#) just for it.

MAME configuration

MAME offers a **Menu** in-game ([HOTKEY] +  or [Tab] on the keyboard). This can be used to manually adjust inputs or game settings. If you're having issues with a specific game, check the [MAMEdev FAQ for that game here](#). For MESS systems specifically, you might find more information on [MESS's wiki](#). All options can also be edited by opening the `mame.ini` file.

Standardized features available to all versions of this emulator: `pv1000.videomode`, `pv1000.decoration`, `pv1000.padtkeyboard`

ES setting name batocera.conf_key	Description ⇒ ES option key_value
Settings that apply to all versions of this emulator	
VIDEO MODE <code>pv1000.video</code>	BGFX for post-processing, accel/opengl for raw image. ⇒ BGFX <code>bgfx</code> , Accel <code>accel</code> , OpenGL <code>opengl</code> .
BGFX GRAPHICS API <code>pv1000.bgfxbackend</code>	Depends on video mode being set to BGFX. Vulkan is better, when supported. ⇒ MAME Detect automatic, OpenGL <code>opengl</code> , OpenGL ES <code>gles</code> , Vulkan <code>vulkan</code> .
BGFX VIDEO FILTER <code>pv1000.bgfxshaders</code>	Apply a post-processing effect. ⇒ Off None, Bilinear default, CRT Geom <code>crt-geom</code> , CRT Geom Deluxe <code>crt-geom-deluxe</code> , Super Eagle <code>eagle</code> , HLSL <code>hlsl</code> , HQ2X <code>hq2x</code> , HQ3X <code>hq3x</code> , HQ4X <code>hq4x</code> .
CRT SWITCHRES <code>pv1000.switchres</code>	Allows the use of switchres profiles if present. ⇒ Off 0, On 1.
VERTICAL ROTATION (TATE) <code>pv1000.rotation</code>	Rotates screen by 90 degrees. Intended for rotating displays. ⇒ Off None, Rotate 90 autorot, Rotate 270 autorol.
ALT DPAD MODE <code>pv1000.altdpad</code>	If the D-Pad is oriented incorrectly for your controller. ⇒ Off (Default) 0, DS3 Orientation 1, X360 Orientation 2.

Controls

Here are the default PV-1000's controls shown on a [Batocera Retropad](#):



Troubleshooting

Further troubleshooting

For problems with MAME specifically, there are some tips on the [troubleshooting section on MAME's system page](#).

For further troubleshooting, refer to the [generic support pages](#).

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