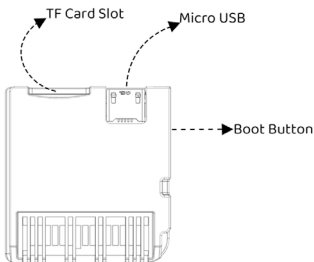


DSpico User Manual

Instruction

The DSpico is the open-source flashcart from the LNH Team. Designed for both DS and DS iconsoles, it features fully open hardware and firmware built on the RP2040 microcontroller.



Quick Start Guide

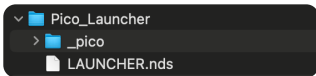
Prepare the micro SD card

1. Format your micro SD card using these steps:
<https://dsi.cfw.guide/sd-card-setup.html>

⚠ Warning

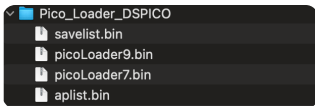
Do NOT use the built-in formatting tool of Windows!

2. Download the latest version of `pico-launch` from <https://github.com/LNH-team/pico-laun>
3. Unzip the `Pico-Launcher.zip` file.



4. Rename `LAUNCHER.nds` to `_picoboot.nds` and place it in the root of your SD card.
5. Copy the `_pico` folder to the root of your SD card.
6. Download the latest version of `pico-loader` from <https://github.com/LNH-team/pico-loader/releases>

7. Unzip the `Pico_Loader_DSPICO.zip` file.

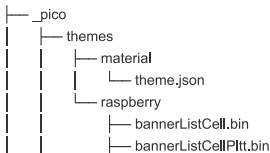


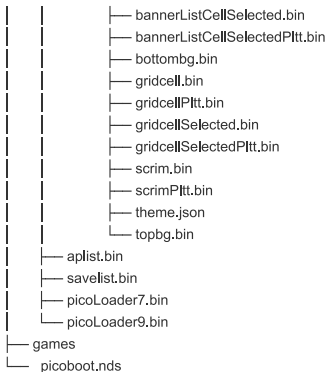
8. Copy the following files to the `_pico` folder:

- `picoLoader7.bin`
- `picoLoader9.bin`
- `aplist.bin`
- `savelist.bin`

9. Create a games folder on your micro SD card and copy all DS game ROMs into that folder.

10. The final directory structure will look like this:





Start your Dspico

1. Insert the micro SD card in your DSpico.
2. Insert the DSpico in your DS, DSi or 3DS device.
3. Turn on the device.the DSpico should appear on the menu.

Important

If you are using a DSi device, Pico Launcher should start automatically.

4. Launch the DSpico from the menu; Pico Launcher should start and show the contents of your micro SD card.
5. Navigate to a DS rom and press A to start it.

Update the firmware

1. Two approaches are available for obtaining firmware: compiling the firmware in accordance with guidance issued by the LNH team, or sourcing precompiled UF2 binary files directly.
2. Boot the DSpico in BOOTSEL mode
 - Eject the micro SD card and it should automatically enter BOOTSEL mode when it is connected to a PC via USB.
 - Or hold the BOOTSEL button while connecting to a PC via USB to enter BOOTSEL mode.
3. Copy DSpico.uf2 to the USB drive[RPI-RP2] that appeared when connecting the DSpico.

Note

After the copying is complete, the USB drive will appear again. No need to copy again.

4. Disconnect the DSpico from the PC.

FAQ

Q: "ERROR: Failed to open Pico Loader file."

A: /pico/picoLoader9.bin or /pico/picoLoader7.bin could not be opened. Check that you copied all necessary files to the micro SD card

Q: "Error: Failed to mount SD card."

A: Check if there's anything wrong with it, try reformatting or try a different micro SD card.