



Channel-F

The Channel-F is a console developed by Fairchild. It was released in 1976.

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



Quick reference

- **Emulator:** [RetroArch](#)
- **Core:** [libretro: freechaf](#)
- **Folder:** /userdata/roms/channelf
- **Accepted ROM formats:** .zip, .rom, .bin, .chf

BIOS

MD5 checksum	Share file path	Description
ac9804d4c0e9d07e33472e3726ed15c3	bios/sl31253.bin	
da98f4bb3242ab80d76629021bb27585	bios/sl31254.bin	
95d339631d867c8f1d15a5f2ec26069d	bios/sl90025.bin	

ROMs

Place your Channel-F ROMs in /userdata/roms/channelf.

Emulators

RetroArch

[RetroArch](#) (formerly SSNES), is a ubiquitous frontend that can run multiple “cores”, which are essentially the emulators themselves. The most common cores use the [libretro](#) API, so that's why cores run in RetroArch in Batocera are referred to as “libretro: (core name)”. RetroArch aims to unify the feature set of all libretro cores and offer a universal, familiar interface independent of platform.

RetroArch configuration

RetroArch offers a **Quick Menu** accessed by pressing [HOTKEY] +  which can be used to alter various things like [RetroArch and core options](#), and [controller mapping](#). Most RetroArch related

settings can be altered from Batocera's EmulationStation.

Standardized features available to all libretro cores: `channelf.videomode`, `channelf.ratio`, `channelf.smooth`, `channelf.shaders`, `channelf.pixel_perfect`, `channelf.decoration`, `channelf.game_translation`

ES setting name <code>batocera.conf_key</code>	Description ⇒ ES option key_value
Settings that apply to all cores of this emulator	
GRAPHICS BACKEND <code>channelf.gfxbackend</code>	Choose your graphics rendering ⇒ OpenGL <code>opengl</code> , Vulkan <code>vulkan</code> .
AUDIO LATENCY <code>channelf.audio_latency</code>	Audio latency in milliseconds, turn it up if you hear crackles ⇒ 256 256, 192 192, 128 128, 64 64, 32 32, 16 16, 8 8.
THREADED VIDEO <code>channelf.video_threaded</code>	Improves performance at the cost of latency and more video stuttering. Use only if full speed cannot be obtained otherwise. ⇒ On <code>true</code> , Off <code>false</code> .

libretro: freechaf

libretro: freechaf configuration

Controls

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



Troubleshooting

Further troubleshooting

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

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