

# Scripting Function Keys

Many input devices nowadays include dedicated function keys for particular (usually hardware-related) functions, such as volume adjustment, brightness adjustment, power off, etc. Batocera supports the scripting of these function keys to certain commands, and includes most common function keys for various platforms. But it is possible that your device in particular doesn't have these coded in yet, or you simply want to change what the function key does. This can be achieved via the configuration of [triggerhappy](#).

## Create a custom mapping

You can create a custom mapping that is overlaid on top of the [default function keys](#).

1. Connect to your Batocera machine either [by SSH](#) or by [WinSCP](#) (any method that lets you see the root of the system).
2. Navigate to `/etc/triggerhappy/triggers.d/` and find the `multimedia_key_<device name>.conf` for your device.
3. Copy the contents of that to `/userdata/system/configs/multimedia_keys.conf`.
4. Make your appropriate edits to it and save it.

Your custom `multimedia_keys.conf` file's configuration will be overlaid on top of the default profile. If there are conflicting settings, the one in `/userdata/system/configs/multimedia_keys.conf` will take priority.

## Create my own mapping

If you want to customize hotkeys, just create a file in your data here :

```
/userdata/system/configs/multimedia_keys.conf
```

It can be empty, but in this case, it will do nothing. The best is to start for the current config and modifying it.

So, for example on odroid go super, to copy the current configuration and modify it, for example to enable suspend mode,

- copy `/etc/triggerhappy/triggers.d/multimedia_keys_Hardkernel_ODROID_GO3.conf` to `/userdata/system/configs/multimedia_keys.conf`
- then modify the line :

```
KEY_POWER 1 /sbin/shutdown -h now
```

by

```
KEY_POWER 1 /usr/sbin/pm-suspend
```

- reboot.

## Find the mapping key name

How to guess which value correspond to which button ?

Easy.

- Run in a terminal the command :

```
evtest
```

- choose your controller
- press the button

```
Event: time 1614795871.549381, type 1 (EV_KEY), code 99 (KEY_SYSRQ), value 0
```

- In this example, the button i pressed on my keyboard was : KEY\_SYSRQ

## What is the default mapping

Default multimedia keys mapping is configured in one file here : /etc/triggerhappy/triggers.d.

There are several files, depending on your board, but only one is used at once.

It is generally multimedia\_keys.conf, but on some boards like odroid go advance or super, there is a specific file, mainly to manage the extra actions.

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