
AdafruitMAX9744 Library Documentation

Release 1.0

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CircuitPython module for the MAX9744 20W class D amplifier.

CHAPTER 1

Dependencies

This driver depends on:

- [Adafruit CircuitPython](#)

Please ensure all dependencies are available on the CircuitPython filesystem. This is easily achieved by downloading the [Adafruit library and driver bundle](#).

CHAPTER 2

Usage Example

See `examples/simpletest.py` for a demo of the usage.

3.1 Adafruit_MAX9744

CircuitPython module for the MAX9744 20W class D amplifier. See `examples/simpletest.py` for a demo of the usage.

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class `adafruit_max9744.MAX9744` (*i2c*, *, *address=<sphinx.ext.autodoc._MockObject object>*)
MAX9744 20 watt class D amplifier. Construct this by passing the following parameters: - *i2c*: The I2C bus for the device.

Optionally specify: - *address*: The address of the device if it has been overridden from the default with the AD1, AD2 pins.

volume_down()
Decrease the volume by one level.

volume_up()
Increase the volume by one level.

CHAPTER 4

Contributing

Contributions are welcome! Please read our [Code of Conduct](#) before contributing to help this project stay welcoming.

CHAPTER 5

Building locally

To build this library locally you'll need to install the `circuitpython-build-tools` package.

```
python3 -m venv .env
source .env/bin/activate
pip install circuitpython-build-tools
```

Once installed, make sure you are in the virtual environment:

```
source .env/bin/activate
```

Then run the build:

```
circuitpython-build-bundles --filename_prefix adafruit-circuitpython-max9744 --
↪library_location .
```


a

adafruit_max9744, [7](#)

A

`adafruit_max9744` (module), [7](#)

M

`MAX9744` (class in `adafruit_max9744`), [7](#)

V

`volume_down()` (`adafruit_max9744.MAX9744` method),
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`volume_up()` (`adafruit_max9744.MAX9744` method), [7](#)