

---

# **mzf2wav Documentation**

*Release latest*

**Jan 10, 2019**



---

## Contents:

---

<b>1</b>	<b>Introduction</b>	<b>3</b>
<b>2</b>	<b>Installation</b>	<b>5</b>
2.1	Binaries . . . . .	5
2.2	From source . . . . .	5
<b>3</b>	<b>Usage</b>	<b>7</b>
3.1	Related software . . . . .	7
<b>4</b>	<b>Contributors</b>	<b>9</b>



This document covers software to transfer an MZF image to a cassette by using a WAV file as an intermediate.  
Please see [ReadTheDocs](#) for the latest documentation.



# CHAPTER 1

---

## Introduction

---

This project is closely related to [MZPut](#), which is used to transfer an MZF image from a PC directly to an MZ. MZPut was originally built upon this utility, but later versions of MZF2WAV were inspired by MZPut.

Also see the related pages:

- [PC tape interface](#).
- [File transfer / Data transfer problem](#).
- [Using an audio recorder](#).





### 2.1 Binaries

There are pre-compiled binaries for [Linux](#) and [Windows](#). After unzipping the archive, the binary for Linux can be found in `mzf2wav/src/linux/release`, for Windows it can be found in `mzf2wav\src\w32\release`.

### 2.2 From source

Retrieve the source code with Git.

```
git clone https://github.com/jfjlaros/mzf2wav.git
```

To compile for Linux:

```
cd mzf2wav/src/linux
sh build.sh
```

For Windows, use:

```
cd mzf2wav\src\w32
build.bat
```

The binary will be placed in the `release` subdirectory.



Fig. 1: The help screen of MZF2WAV

To convert an MZF image named `image.mzf` to a WAV file named `image.wav`, run the following command:

```
mzf2wav image.mzf image.wav
```

The program recognises the following options:

option	description
-i	sets initial speed mode (0, 1, 2, 3 or 4), default = 0.
-t	sets turbo speed mode (0, 1, 2, 3 or 4), default = 2.
-l	sets correction for fast initial mode (-50 to 50).
-2	sets correction for fast turbo mode (-50 to 50).
-b	sets bit rate.
-c	sets conventional writing mode.
-s	sets fast writing mode (default).
-w	sets turbo writing mode.
-p	reverse polarity.

For a full explanation of the different modes of operation, see the section [operation modes](#) of the MZPut documentation.

### 3.1 Related software

Please check out [MZF2WAVGUI](#), a graphical user interface for this project (Windows only). There is also a nice [tutorial](#) on how to use this software to directly connect to an MZ.



## CHAPTER 4

---

### Contributors

---

Original author, maintainer: Jeroen F.J. Laros.

The author would like to acknowledge Karl-Heinz Mau for:

- Testing the Windows program and giving feedback.
- [Hosting](#) the project.

And Ricky El-Qasem for:

- [MZF2WAVGUI](#), a graphical user interface for this project.
- Making a nice [tutorial](#) on how to use this software to directly connect to an MZ.