



**EMO** / F2

HIGH-PASS/LOW-PASS FILTER

USER GUIDE

# INTRODUCTION

## Welcome

Thank you for choosing Waves. In order to get the most out of your Waves processor, please take the time to read through this manual.

In conjunction, we also suggest you become familiar with [www.wavesupport.net](http://www.wavesupport.net). There you will find an extensive answer base, the latest tech specs, detailed installation guides, new software updates, and current information on licensing and registration.

By signing up at [www.wavesupport.net](http://www.wavesupport.net), you will receive personalized information on your registered products, reminders when updates are available, and more.

## About Waves eMo F2

Waves eMo F2 is simple and effective 18-dB-per-octave high-pass/low-pass filter. It is configurable as either two independent mono filters or as a precisely ganged stereo filter. For extra flexibility, eMo F2 Stereo lets you control the Left and Right filters either independently or linked.

eMo F2 also provides a visual representation of the EQ curve that you can adjust by 'dragging' the curve itself, so you don't have to rely on conventional controls. However, if you know what EQ settings you want, you can simply enter the numerical values to achieve the same result.

Like all members of the eMo family, eMo F2 is touch-compatible, has zero latency, and is very light on CPU without compromising the sound quality.

## Features

- Easy-to-use 18-dB-per-octave high-pass/low-pass filter
- In the Stereo component, L/R filters can be controlled independently or linked
- Zero latency
- Light CPU consumption
- Touch-compatible

## Components

eMo F2 includes two components:

- eMo F2 Mono
- eMo F2 Stereo

# eMo F2 MONO INTERFACE



- 1 Filter Curve
- 2 HP Filter Switch
- 3 HP Frequency
- 4 HP Marker
- 5 LP Filter Switch
- 6 LP Frequency
- 7 LP Marker

# eMo F2 STEREO INTERFACE



- 1 Left Filter Curve (orange)
- 2 Left HP Filter Switch
- 3 Left HP Frequency
- 4 Left HP Marker
- 5 Left LP Filter Switch
- 6 Left LP Frequency
- 7 Left LP Marker
- 8 L+R Link Switch
- 9 Right Filter Curve (green)
- 10 Right HP Filter Switch
- 11 Right HP Frequency
- 12 Right HP Marker
- 13 Right LP Filter Switch
- 14 Right LP Frequency
- 15 Right LP Marker

# eMo F2 STEREO CONTROLS

eMo F2 Mono has single channel controls without the Link option, but is otherwise identical to eMo F2 Stereo.

**Left Filter Curve (orange):** Graphically represents the state of the Left high-pass (HP) and low-pass (LP) filters.

**Left HP Filter Switch:** Turns the Left HP filter on and off.



Options: On, Off  
Default: Off

**Left HP FREQ:** Determines the frequency of the Left HP filter.



Range: 16–21357 Hz  
Default: 16 Hz

**Left HP Marker:** Combines the Left HP filter switch and frequency controls into one click-and-drag marker.



Range: Same as the Left HP switch and frequency  
Default: Same as the Left HP switch and frequency

**Left LP Filter Switch:** Turns the Left LP filter on and off.



Options: On, Off  
Default: Off

**Left LP FREQ:** Determines the frequency of the Left LP filter.



Range: 16–21357 Hz

Default: 16000 Hz

**Left LP Marker:** Combines the Left LP filter switch and frequency controls into one click-and-drag marker.



Range: Same as the Left LP switch and frequency

Default: Same as the Left LP switch and frequency

**L+R LINK Switch:** Allows linked control over the Left and Right filter channels. When LINK is on, the frequency offset is preserved if Left and Right frequency values are different from each other. When LINK is off, the Left and Right filter channels behave independently of each other.



Options: On, Off

Default: On

**Right Filter Curve (green):** Graphically represents the state of the Right high-pass (HP) and low-pass (LP) filters.

**Right HP Filter Switch:** Turns the Right HP filter on and off.



Options: On, Off

Default: Off

**Right HP FREQ:** Determines the frequency of the Right HP filter.



Range: 16–21357 Hz

Default: 16 Hz

**Right HP Marker:** Combines the Right HP filter switch and frequency controls into one click-and-drag marker.



Range: Same as the Right HP switch and frequency

Default: Same as the Right HP switch and frequency

**Right LP Filter Switch:** Turns the Right LP filter on and off.



Options: On, Off

Default: Off

**Right LP FREQ:** Determines the frequency of the Right LP filter.



Range: 16–21357 Hz

Default: 16000 Hz

**Right LP Marker:** Combines the Right LP filter switch and frequency controls into one click-and-drag marker.

Range: Same as the Right LP switch and frequency

Default: Same as the Right LP switch and frequency