BANDWIDTH

MODERN STEREO WIDTH PLUGIN

IN THE MIX

Meet Bandwidth

Inspired by larger-than-life records and timeless analogue hardware, I set out to create a tool full of character yet modernised for precise control.

Bandwidth adds immense stereo width to any track in your mix while remaining 100% mono compatible.

It works on mono and stereo sources, ranging from subtle imaging to a sound that is wider than your speakers. You have to hear it to believe it.

I named it **Bandwidth** because it adds **width** precisely to any frequency **band** in your mix.

Most importantly, I hope you get a lifetime of use out of your new plugin. If you run into any issues or have any suggestions, you can reach out to me at **support@michaelwynneaudio.com**. There will always be a human there to help you (likely me!).

Features

Bandwidth creates width by synthesising additional copies of your signal and delaying these signals. Importantly, all width will sum in mono, ensuring that your original signal is not compromised in the rare case that it's played back on a mono system.

Mix sliders

Grab these first. They control the amount of stereo width added to the signal. Why do they go to 200%? Because Bandwidth pushes the boundaries of spatial processing further than any other processor.

Each frequency band has its own width mix control so that you can add width to any frequency range and target the processing accurately. Bands can also be soloed individually or together, allowing you to hear the processing more closely or use them as creative filters.

Strength

Controls the time domain of the processing, with larger values inducing more delay. Values from 3 to 6 work for most signals but I have extended the range for creative sound design cases. Adjust this to taste, even small adjustments can alter the sound in in rich ways!

Note: I advise you to keep this **below 6** for most bass sounds. Pushing it further often affects the L/R balance in creative ways. Always let your ears be the judge.

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Crossovers

These control the crossover frequencies between the low, mid and high bands. At default they are set at 400 and 4000Hz but you can narrow or widen any bands. The filters are 24dB/octave, which creates a natural and smooth drop off on each band.

- HIGH CROSS set to 6000Hz will result in the HIGH mix slider widening frequencies above 6000Hz.
- LOW CROSS set to 200Hz will result in the LOW mix slider widening frequencies below 200Hz.

Output section

Output gain - Some sources lose perceived volume when imaging is applied, others appear to increase in volume. You get to level match with your ears if needed.

Power - Bypass the plugin. You will notice all the lights on the UI turn off. The input signal is then fed directly to the output.

Monitoring - This section changes what is output from the plugin.
STEREO: Default state for normal operation.
SIDE: Solos the processing that is added to the sides. This is a delta signal so ignores any stereo information in the original sample/sound.
MID: Hear the MID channel being preserved no matter how much width is added. A nice check!

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Preset Browser

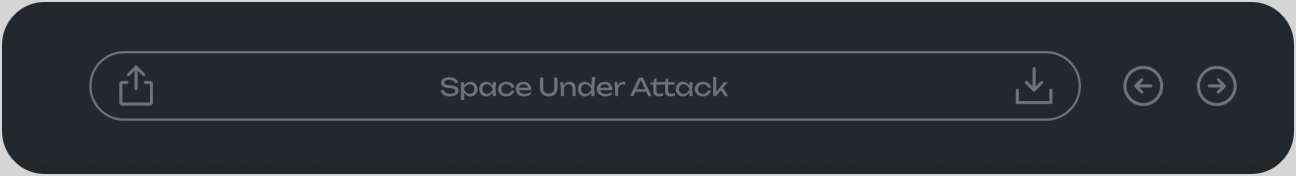Save and recall your favourite settings using the browser.

From left to right:
- Opens the preset folder on your computer, allowing you to delete presets, share presets and create and delete folders.
- Opens the preset browser to quickly select presets.
- Saves the current preset.
- Quickly browse presets without opening the browser.

Settings

Clicking the **IN THE MIX** logo in the top left corner of the UI opens the plugin settings.

Here you can see which version you have installed, access the user manual, authorise and de-authorise the plugin along with accessing GUI resizing options.

Space Under Attack

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BANDWIDTH

Audio Unit 64-bit v1.0.0

www.inthemix.store

User Manual

De-authorize

Window Size: 75%

Registered to

IN THE MIX

Download/Installation

Your software and licence key is sent to you via email after purchase is approved.

This email will be from In The Mix noreply@sendowl.com.

The download contains both the Mac and Windows installer.

Mac: Run the PKG installer and follow the instructions.

Windows: Double click on the setup file and follow the instructions.

NOTE: SendOwl may say that you only have a certain number of downloads left on your order. This will reset when you reach 0. If not, reach out to support.

Activation

Activate your software by entering the serial key/number that was emailed to you after purchase. This email will be from In The Mix noreply@sendowl.com.

If you run out of downloads or cannot activate your software, please email me at **support@michaelwynneaudio.com**

Compatibility

Operating Systems and plugin formats:

Windows 7 or above (64Bit): VST3, AAX

Mac OS10.14 or above (Intel and M-Series, 64Bit): VST3, AU, AAX

DAW supported: FL Studio, Ableton Live, Logic Pro, Pro Tools, Cubase, Studio One, Reaper, Reason, Nuendo, LMMS, Waveform, Ardour and most major DAWs. It even runs in most video editors that support VST3 and AU such as Davinci Resolve Studio.

EULA

You can read our End User License Agreement here: https://inthemix.store/pages/eula