LEA BERTUCCI XTENDED VOX

CONTENTS

INTRODUCTION

Explore the outer reaches of the human voice with this incredibly unique world of cutting-edge textures, rhythms and evolving drones. Curated and produced by composer and sound artist Lea Bertucci, this powerful tool captures the radical visceral vocalisations of herself and three renowned pioneers of the avant-garde — Audrey Chen, Cansu Tanrikulu & Phil Minton. From earth-shaking bass drones to window-shattering sound effects, whispers, rhythmic clicks and glissandi to haunting multiphonic choirs; these alien-like instruments will hum, hiss, heckle and haunt to create immediate tension, atmosphere, horror and beauty — a wealth of delights and terrors for any experimental producer, beatmaker or film composer.

With 49 original presets, bursting with invention — ideal for creating cinematic trailer music and non-diegetic sound FX, particularly for horror or sci-fi, or adding texture, atmosphere and a distinctly human element to any genre of music. Xtended Vox captures the unique voices and sonic vocabularies of Lea Bertucci and three acclaimed vocal artists, stretching across varying generations and geographies and melding free improvisation with formalised composition. The original vocal recordings have been taken to new sonic dimensions using warped using multiple outboard and digital processing techniques, accessible via the dynamics fader — cycle through layers of varying processing, each unique to each individual preset. The library encompasses the most radical and eccentric of vocal techniques, from visceral throat singing to alien nasal sounds; from the most fragile of whispers and birdsong-like whistles to lip trills, yodels, shrieks and ululations — pushing the boundaries of what can be done with contemporary voice.

QUICK SPECS

MAC SYSTEM REQUIREMENTS

Mac OS X 10.13 to OS 12
Minimum: 2.8GHz i5 minimum (quad-core), 8GB RAM. Recommended: 2.8GHz I7 (six-core), 16GB RAM.

Intel and Apple Silicon/ARM are supported.

32-bit is not supported.

PC SYSTEM REQUIREMENTS

Windows 7, Windows 8, Windows 10 or Windows 11, 64-bit only. Intel Core i7 6th gen and later or AMD Ryzen 7

32-bit is not supported.

~2.5GB install Size

NKS Compatible

ABOUT LEA BERTUCCI

Lea Bertucci is a New York-based experimental musician, composer and performer whose work explores relationships between acoustic phenomena and biological resonance. Bertucci's approach to music is marked by dense masses of sustained dissonance and a fascination with the sonic substance of common experience. Her work spans over a decade, with 8 full-length solo albums and a number of collaborative projects. In 2018 and 2019, she released solo albums Metal Aether and Resonant Field on NNA Tapes, and has since gone on to found her own label, Cibachrome Editions, with 2021's A Visible Length of Light as the inaugural release followed by 2022's Murmurations, a duo with composer, improviser and artist Ben Vida. In addition to her long-standing practice with woodwind instruments, her work incorporates spatialized speaker arrays, radical methods of free improvisation and creative misuses of audio technology. In recent years, her projects have expanded toward site-specific and spatially aware projects that initiate new access points to architecture.

This release follows her highly acclaimed 2020 release, **Acoustic Shadows** — a sample library and record which received praise as Boomkat's top 5 albums of the year, and The Guardian's contemporary album of the month.
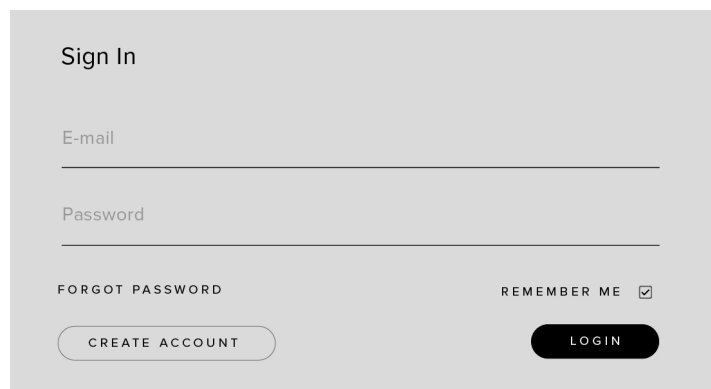
DOWNLOADING & INSTALLING

Thank you for buying LEA BERTUCCI - XTENDED VOX. If you are new to Spitfire Audio you can get up to speed here: https://www.spitfireaudio.com/about/

First though, grab the 'Spitfire Audio App' from this link, this app will enable you to download the library: http://www.spitfireaudio.com/info/library-manager/

THE SPITFIRE AUDIO APP

When you launch the app you will be prompted to login using the same details you use at our site. Then you'll see the page pictured below:
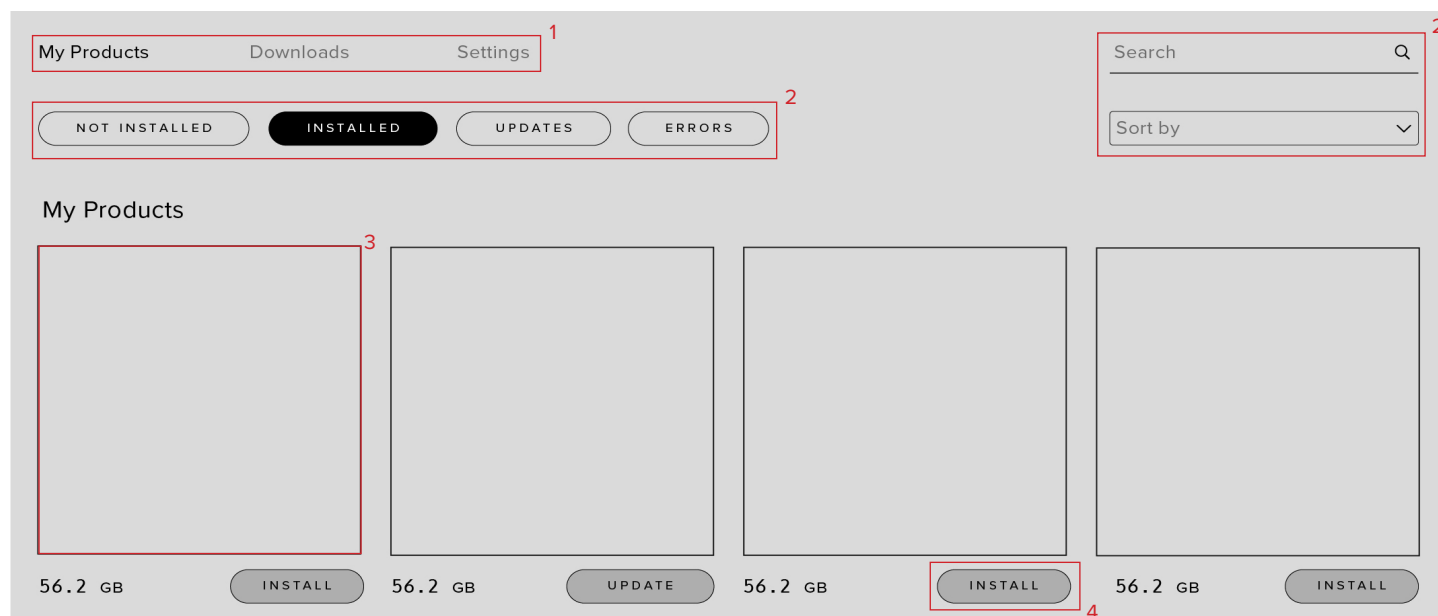
Sign In

E-mail

Password

FORGOT PASSWORD   REMEMBER ME ☑

CREATE ACCOUNT   LOGIN

1. TABS the default tab is My Products, which shows all of the libraries on your Spitfire Account. Downloads will show currently downloading products.

2. FILTERS Clicking these filters will quickly display products are not installed, those already installed, and any available updates. Clicking again will remove the filter.

3. LIBRARY All libraries and plugins will appear with their artwork on the My Products tab. Clicking this artwork will open the product page.

4. INSTALL/UPDATE buttons allow you to quickly start a download directly from the My Products tab, instead of clicking through to the Library. Next to the button the size of the download is shown.

My Products   Downloads   Settings   1

Search   🔍   2

NOT INSTALLED   INSTALLED   UPDATES   ERRORS   2

Sort by   ⌄

My Products

3

56.2 GB   INSTALL   56.2 GB   UPDATE   56.2 GB   INSTALL   56.2 GB   INSTALL

4

THE SPITFIRE APP PREFERENCES

My Products   Downloads   Settings

General   Auto Login
Default Content Path
VST2 Install Location
VST3 Install Location
AU Install Location
AAX Install Location
About
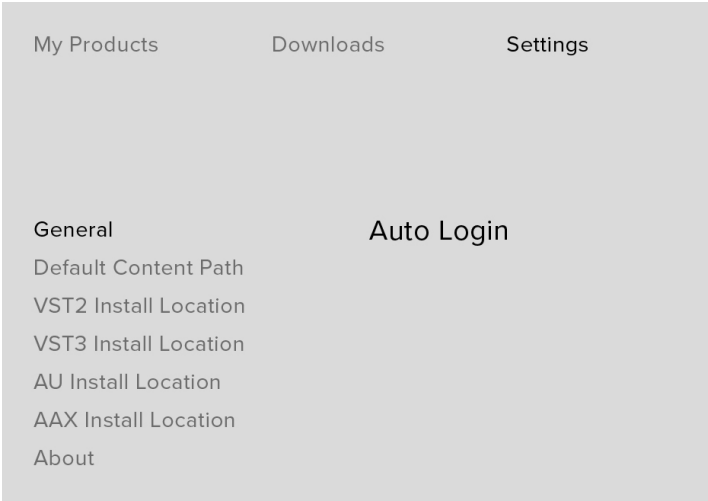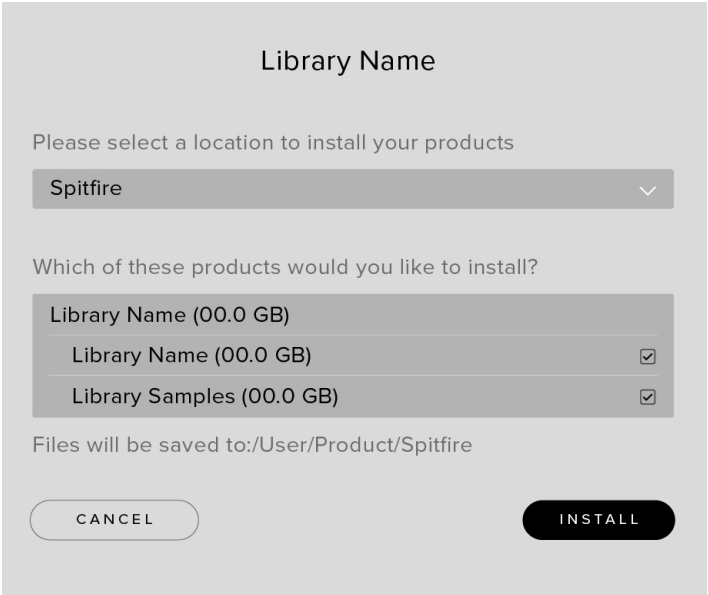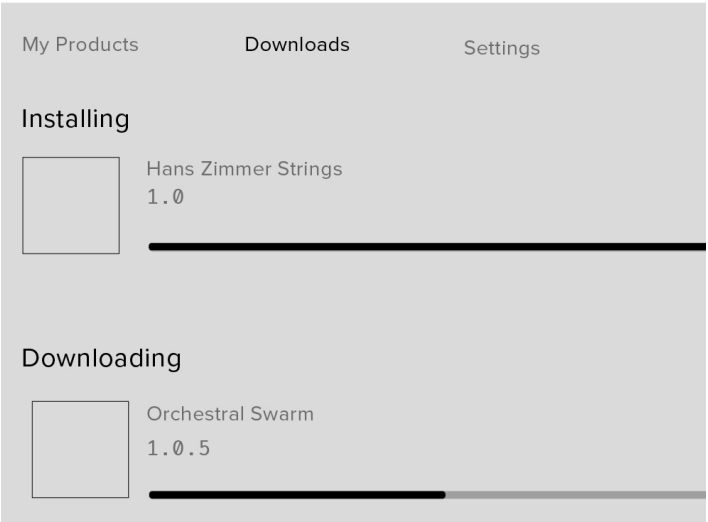
If this is your first time using the Spitfire Audio App for a download you may wish to first navigate to the Settings tab. Here you can set the Default Content location for where you wish to download your libraries. You can also you can set the default VST2 install location to the folder where your DAW expects to find VST files.

Here you can also enable Auto Login to save time in future.

Library Name

Please select a location to install your products

Spitfire   ⌄

Which of these products would you like to install?

Library Name (00.0 GB)	
Library Name (00.0 GB)	☑
Library Samples (00.0 GB)	☑

Files will be saved to:/User/Product/Spitfire

CANCEL   INSTALL

Once you are happy with your preferences, simply click the Install button for the library. This is either directly on My Products tab under the library artwork, or it can be found by clicking on the library image and clicking the install button on the page that appears.

Clicking either of these will prompt you for a location, the default content location in your preferences will be suggested but you can select any suitable location. If installing from a hard drive, ensure that you choose the drive as the location.

My Products   Downloads   Settings

Installing

Hans Zimmer Strings
1.0

Downloading

Orchestral Swarm
1.0.5

After clicking install you will be directed to the Downloads tab where you can watch the progress if you like. You can of course leave the Downloads tab and start other downloads but at this point you should leave the Spitfire App open until the download completes.

THE DEDICATED PLUGIN

Unlike other Spitfire libraries you don't need Kontakt Player or the full Kontakt to run this library. LEA BERTUCCI - XTENDED VOX is contained within its own plugin, built for VST, AU and AAX. Once you have completed the installation, you are ready to go!

LOGIC PRO X

• On a fresh project, a track dialogue box will automatically pop up

• Choose 'Software Instrument', and then look beneath the 'Instrument' dropdown

• Select AU Instruments > SA Recordings > LEA BERTUCCI - XTENDED VOX

CUBASE

• Right-click the track window and choose 'Add Instrument Track'

• Underneath the 'Instrument' dropdown, choose LEA BERTUCCI - XTENDED VOX

• Select 'Add Track'

PRO TOOLS

• Go to the 'Track' menu at the top of the screen, and select 'New'

• In the pop-up, select Stereo and Instrument Track, and press 'Create'

• In the first Insert slot, select multichannel plug-in and 'Instrument'

• You should see LEA BERTUCCI - XTENDED VOX available as an option

HAVE A LOOK AROUND

LEA BERTUCCI - XTENDED VOX INTERFACE
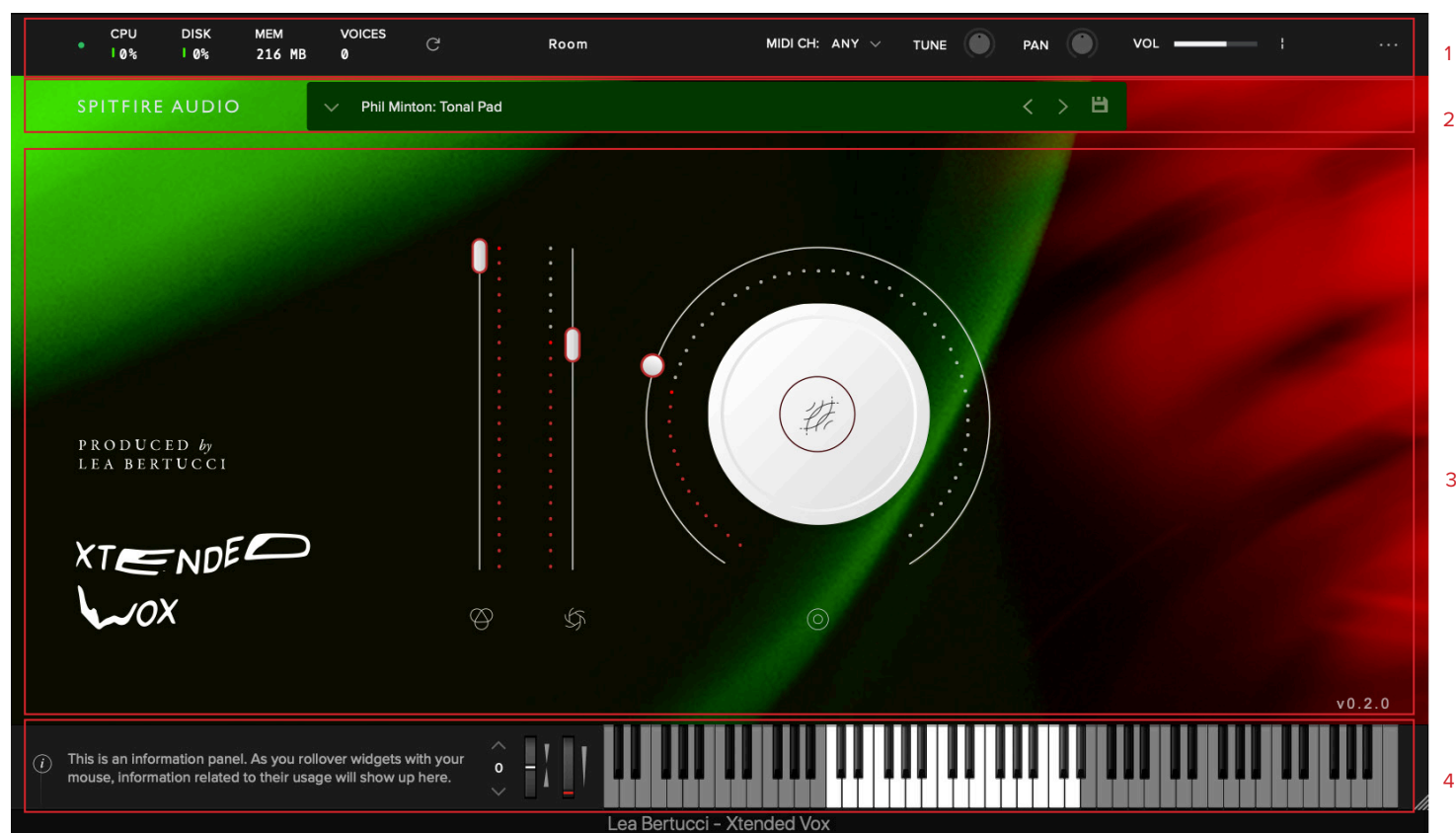
OPENING YOUR FIRST PRESETS

When you first open this library, this is what you will see. It opens with Phil Minton: Tonal Pad as the default preset.
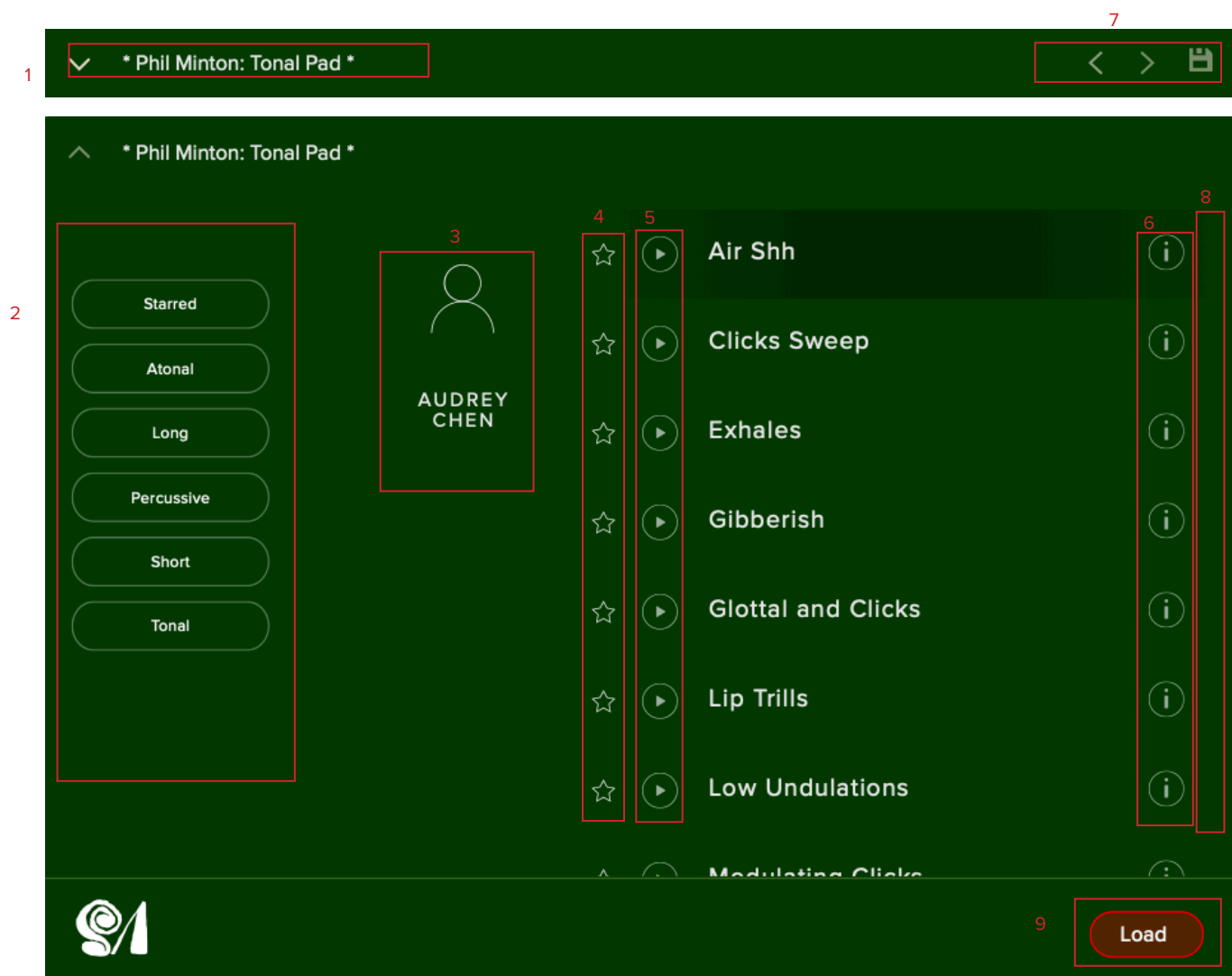
1. TOP MENU

2. PRESET SELECTOR

3. MAIN CONTROLS

4. KEYBOARD PANEL

PRESET SELECTOR

1. PRESET NAME

Here you can see the currently selected preset.

2. FILTERS

Click on a filter to only show those presets. The filters are subtractive, so selecting "Vocals" will show you only the Vocals presets.

Click the "Clear" button to return to a view of all presets.

3. INSTRUMENT GROUP/PATCH

As you scroll through the available presets, the instrument group/patch is displayed here.

4. STARRED

Click here to favourite your presets. Once selected they show in the "Starred" filter.

5. PREVIEW

Play back a short example of the preset without having to load it. Enormously helpful when choosing a sound.

6. PRESET LIST

Scroll through the list of presets here. Double-click to load a preset or click the 'Load' button.

6. INFORMATION

Hover over on the "i" icon to see some information about the preset.

7. NEXT, PREVIOUS AND SAVE

With the presets view collapsed you will be able to see the Next, Previous and Save icons.

Next and Previous will simply send you to the next available preset - if you have a filter enabled, you will scroll through the filtered set of presets.

Save allows you to save your own preset, click save, name the preset and it will appear under the "user" filter.
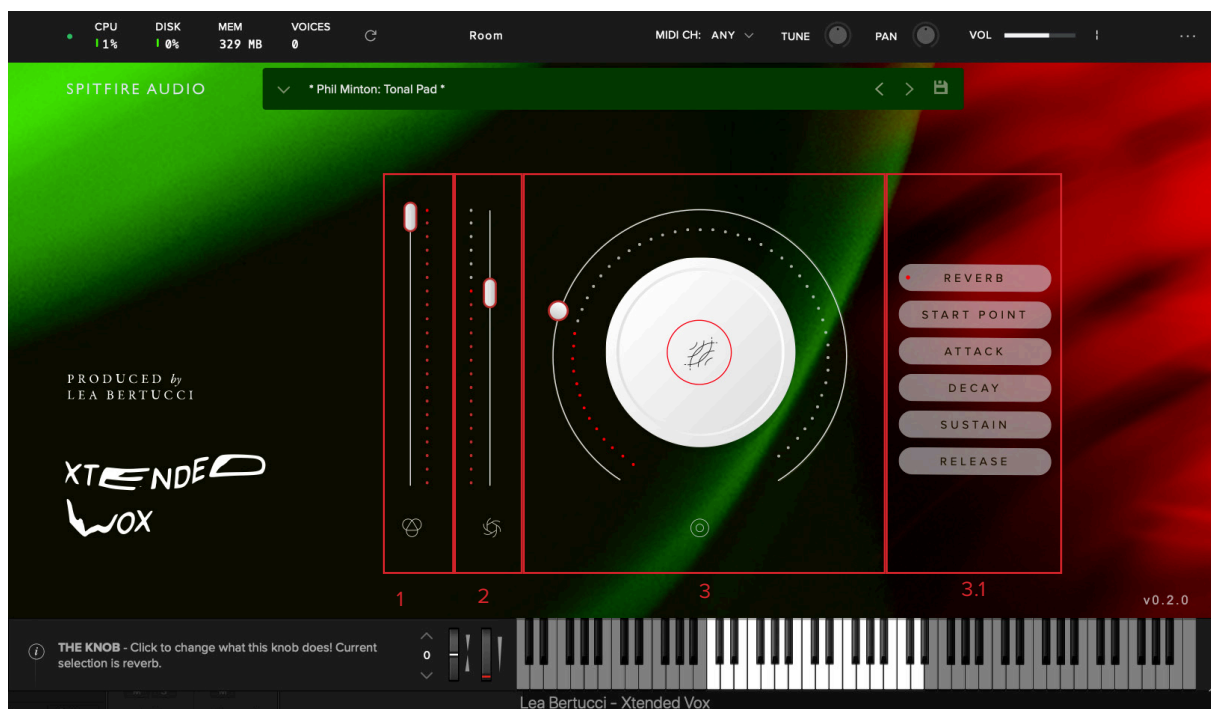
8. SCROLL

Drag up and down to see more presets.

9. LOAD

Select a preset and then press "load" (or double-click the preset).

MAIN CONTROLS

1. EXPRESSION

This is a control for you to adjust the level of the technique. (CC#11)

2. DYNAMICS

This slider allows you to move between a dry signal and a tape FX signal. (CC#1)

3. KNOB

The configurable knob allows you to control any of the other available parameters for the particular preset.

Hover over the knob and it will turn black.

3.1 CLICK: Click and you will be able to see all available controls for a particular preset. LEA BERTUCCI - XTENDED VOX features 6 additional controls on the Knob Control depending on the patch.

REVERB - Controls the amount of reverb being added. You can select alternative reverb types in the reverb selection box. (CC#19). More information on

START POINT - This cuts further into the note. Combine with the ADSR controls to create new unique sounds. (CC#18)

ATTACK - Allows you to change the length of the attack of a note. (CC#94)

DECAY - Change the time it takes for the note to fall to the sustain level. (CC#95)

SUSTAIN - Change the level of the note when a key is held down. (CC#96).

RELEASE - Change the length of time samples will continue to play after key-release. (CC#17)

TOP MENU

1. LED

Shows when an instrument is loaded by lighting solid green. If this is flashing, your instrument is not fully loaded yet.

2. CPU METER

An indication of how much your CPU is being used, the green flash next to the CPU meter will turn red when you are overloading it.

3. DISK METER

How much of the sample drive bandwidth is being used. If this is close to, or going over 100% it's time to consider a faster drive. See next page for settings that can help get the most out of a slower drive.

4. MEMORY

This shows how much RAM you are currently using in this instance of the plugin. While the preset is loading, this will show the instrument loading into memory.

5. VOICES

Shows how many voices are being used at any one time.

6. REFRESH

Refresh the instrument, alt-click to refresh the whole plug-in. This can be useful if you have hanging MIDI notes or have moved samples in your file system. Right click this for additional options, such as switching all instances to a different mode.

7. REVERB TYPE

Select which type of Reverb you would like to be active, choose from 7 different impulse responses.

8. MIDI CH

Set the MIDI channel that will control the instrument here. If in doubt select "any" so that the instrument will react to any incoming MIDI messages.

9. TUNE

Move this knob to tune in semitone increments, shift-click to move in increments of 0.01 of a semitone. Alt-click to reset to default.

10. PAN

Pan the signal left and right. Cmd/Ctrl-click to reset.

11. VOLUME

Control the overall volume of the instrument.

12. PLUGIN SETTINGS

J. MAXIMUM VOICES — Enter the maximum number of voices that can play at once. More voices = More CPU and memory used.

K. PRELOAD SIZE — The minimum number of sample values preloaded into memory for each audio recording. Increase for slower hard drives. Default is 12888.

L. STREAM BUFFER SIZE — The number of sample values kept in memory for each audio recording stream at any time. Increase for slower hard drives. Default is 65536.

M. MASTER TUNING— Change the default tuning of the plugin. For example A = 440hz or A = 432 HZ.

MAXIMUM VOICES	512	J
PRELOAD SIZE	12288	K
STREAM BUFFER SIZE	65536	L
MASTER TUNING	440	M

INSTRUMENTS/PRESETS

AUDREY CHEN

Air Shh: Long shhing noises with extra air.
Clicks Sweep: Alien-like fast clicking effect.
Exhales: Breathy exhales of air.
Gibberish: Fast nonsense sounds with the illusion of words.
Glottals and Clicks: Multiple clicks and plosives in a loop.
Lip Trills: Looping trills made with the lips.
Low Undulations: Long notes modulated by moving the throat.
Modulating Clicks: Slowly evolving clicking effect.
Pitched Mmm: Straight, tonal mmms.
Pitched Yodel: Randomly pitched long yodelling.
Pursed Lips: Forcing air through the lips.
Random Tss: Random looping tss sounds made through teeth.
Clicks and Noises: A collection of short percussion clicks and noises.
Pitched Lip Trills: Pitched trills made with the lips.

CANSU TANRIKULU

Birdsong: Birdsong effect made through teeth.
Clicks: Fast clicking and glottal sounds.
Electronics 1: Random vocal sounds fed through electronic effects.
Electronics 2: More random vocal sounds fed through electronic effects.
Multiphonic Exhales: Exhaling air and creating several tones.
Pitched Bouncy Castle: Long vowel shaped sounds that bounce quickly.
Pitched Chest Pound: Tonal vowel shapes with fast and constant chest pounding.
Tongue Roll: Fast and maniacal tongue rolling with pitches.
Whispered Sibilants: Fast whispering sibilants.
Gulps: Rising and falling gulps that land on notes.
Oyee: Fast yodel-like shouts.
Quick Gliss Vowels: Fast rising glissando vowels.
Whistles: Short whistle tones.

LEA BERTUCCI

Aah and Mmm Warp: Aah and mmm variations with electronic effects.
Consonants: Consonant variations with electronic effects.
Suraloo & Word Salad: Random words with electronic effects.
Aah Warp: Random pitched aahs with electronic effects.
Ess Whisper: Haunting whispers.
Whoa Falls: Short falling whoas with effects.

PHIL MINTON

Bel Canto Gliss: Loud rising vowel notes.
Distorted Sub: Distorted and bassy sub.
Explosive Rewind: Crazy and fast vocal explosions.
Hard Gliss: Hard rising glissandos.
Multiphonics: Multiple notes at the same time!
Soft Gliss: Soft rising glissandos.
Soft Tonal Modulation: Soft tones with moving mouth shapes.
Soft Yodel: Fast and crazy random yodelling.
Throat Rhythms (Tempo Synced): Demonic throat noises synced to tempo.
Tonal Pad: Soft tonal pad.
Long Whistles: Long whistle tones.
Wild Air: Stormy wind effect.
Grendel: Frightening, devil-like short sound.
Percussion: A collection of percussive mouth sounds.
Throat Scary: Deep, demonic throat effects.
Short Whistles: Short whistle tones.

REVERB IR OPTIONS

The convolution reverb menu allows you to select from a collection of 7 impulse responses, ranging from short studios and rooms to long, cavernous churches and halls.

Church Balcony
Kiln
Drum Studio
Plate Reverb
Room
Church Far
Big Hall

APPENDIX A —
FAQS AND TROUBLESHOOTING

Q: WHAT ARE THE SYSTEM REQUIREMENTS?

MAC SYSTEM REQUIREMENTS

Mac OS X 10.13 to OS 12
Minimum: 2.8GHz i5 minimum (quad-core), 8GB RAM.

Recommended: 2.8GHz I7 (six-core), 16GB RAM. Intel and Apple Silicon/ARM are supported.

32-bit is not supported.

PC SYSTEM REQUIREMENTS

Windows 7, Windows 8, Windows 10 or Windows 11, 64-bit only. Intel Core i7 6th gen and later or AMD Ryzen 7

32-bit is not supported.

Q: I WANT TO RESET THE PLUGIN SETTINGS TO THE DEFAULT

You can delete the .settings file to reset the settings to default. This is located at:

Users/username/Music/Spitfire Audio - on a Mac

C:\Users\username\AppData\Roaming\Spitfire Audio - on a PC.

Q: MY LIST OF PRESETS IS EMPTY, HOW DO I SOLVE THIS?

If you have moved the LEA BERTUCCI - XTENDED VOX Library folder, you can solve this problem by using the "Locate Library" feature in the Spitfire Audio App.

If this does not solve the problem, the library likely needs reauthorising, to do this, use the "repair" feature in the Spitfire Audio App.

Q: I SEE A RED EXCLAMATION MARK IN THE TOP LEFT, WHAT DOES THIS MEAN?

This means that there is an error, you can click the exclamation mark to open a log with further details. It is likely that using the "Repair" and "Locate Library" features in the Spitfire Audio App will solve the problem but if not, contact our support team at spitfireaudio.com/support and attach the log.

Q: CAN I INSTALL ON MORE THAN ONE COMPUTER?

With our products you have two licenses. This means that you are allowed to download and install on two computers you own, say your main rig and your mobile rig. If you have purchased the library on a hard drive, you should copy the contents of the drive on to the destination machine before completing the download with the Spitfire App. If you downloaded LEA BERTUCCI - XTENDED VOX, you can copy the library folder over to the second machine and then use the "Repair" and "Locate Library" features in the Spitfire Audio App.

Q: I CAN'T SEE THIS IN THE KONTAKT LIBRARIES PANE AND WHEN I TRY AND LOAD IT INTO KONTAKT IT SAYS NO LIBRARY FOUND

This library does not run in Kontakt, it is a standalone plug-in that you can run in your chosen DAW.

Q: HOW DO I AUTHORIZE XTENDED VOX ON A MACHINE NOT CONNECTED TO THE INTERNET?

It not possible to authorise this library on a machine not connected to the internet. Authorisation is done with the Spitfire Audio App and an internet connection is required.

Q: HOW CAN I REDOWNLOAD A PRODUCT?

This can easily be done via your Spitfire Audio App. To reset both your entire library download or the latest update;

• Open up the Spitfire Audio App and log in with your account email and password.

• Select the product artwork you wish to re-download

• On this page is a "cog wheel". Select this, choose "reset" from the menu. Then "Reset Entire Download" (for a full download) or (Latest Update) for the latest update.

This will reset your latest update ready for install again. You can repeat this process for any of the libraries you own.

Note that there is a limit to how many times you can reset your downloads in a certain time frame. If you do exceed your reset limit please get in touch.

Q: DIFFICULTIES IN DOWNLOADING / INSTALLING

Customers may find that they have some difficulties in the downloading process. If you find that you are having some trouble, please check the list below for possible causes:

• The formatting of your drive, if it is FAT32 this will cause errors, because there is a maximum file size with this format of 4GB and our download files will exceed this limit. To solve this problem, reformat your drive or use a different drive. We recommend NTFS on PC and Mac OS Extended on Mac. Other possible issues:

• Spitfire App freezes in the "Extracting" stage for hours. This may be because our libraries are often very large files, and this is the stage where the compressed files are extracted and placed in their final locations on the hard drive. There could be hundreds of GB of content to unpack, so it really can take hours. If you're unsure whether it has crashed or is simply extracting files, visit the installation folder you chose when you started the install. If everything is working normally you'll see various files appearing in the folder (or one of its sub-folders).

• If your download gets stuck and is continually cycling and not resuming, please get in touch with us, giving us as much detail as possible about your set up. It would be helpful if you can tell us your operating system, where you are downloading from (your country, and also whether you're at home or work), your ISP, and whether there are any proxy servers or firewalls between your computer and the internet.

Q: I HAVE FAST INTERNET, WHY IS MY DOWNLOAD SLOW?

We have no direct influence on your actual download speeds, our libraries are hosted on Amazon servers which are normally very quick but it may well be that at certain times of the day when traffic is particularly busy, your ISP may throttle your connection speeds.

We would advise you to leave your download running overnight as speeds should ramp up at less busy times. Our Spitfire App downloader aims to use as much of the available bandwidth as possible to give you the quickest possible speeds, and may take several minutes to reach its peak.

Q: CAN I TRY BEFORE I BUY?

No - it is not currently possible to demo our products.

If you go to our Youtube channel you'll see many walkthroughs containing detailed info about all our products -- you can hear them being played in real time with no smoke and mirrors!

Q: MY LIBRARIES ARE NOT SHOWING UP IN MY SPITFIRE APP

A handful of customers may find that when they log into their Spitfire App, some of their previously purchased products do not show up in the 'Installed' section or in the 'Download Ready' section either. It may be that you have purchased these under another email address. Checking other possible email addresses for your previous purchases may help to find these missing products. If this is not the case, and these missing products were purchased a few years ago, please create a support ticket telling us your account email address, and any serial numbers you may have to go with these missing products. Our support team can also merge one or more accounts together if you'd like to consolidate all your purchases in one place.

The more information we have, the quicker we can get you back up and running!

Q: HOW DO I UPDATE MY PRODUCTS?

The main premise of downloading our products is that our Spitfire App downloads into the folder you choose, so it is important to choose the folder above where you want the download to go. The best file path for our products is something very simple, a long file path will cause errors as there is a character limit on how far the Spitfire App can read. We advise a file path of something along the lines of: Samples Drive > Spitfire Audio

When it comes to downloading / updating - if you have a folder called 'Spitfire Audio' always point the Spitfire App to the folder Spitfire Audio - never go into this folder and choose the actual library in question.

Q: HOW DO I REDOWNLOAD THE LATEST UPDATE?

With the continuous improvements to our Spitfire Audio App, we have incorporated the ability to reset your own downloads.
This can easily be done via your Spitfire Audio App.
Open up the Spitfire Audio App and log in with your account email and password.

• Select the product artwork you wish to re-download

• On this page is a "cog wheel". Select this, choose "reset" from the menu. Then "Reset Entire Download" (for a full download) or (Latest Update) for the latest update.

• This will reset your latest update ready for install again.

You can repeat this process for any other updates you wish.

If you do not see the option to reset your download in your Spitfire Audio App, we would advise to download the latest version of the Spitfire App from spitfireaudio.com/info/library-manager/.

Q: I'VE BEEN WAITING AGES FOR MY DOWNLOAD LINKS?

We run all our orders through a fraud checking process. The automatic fraud check takes 20 minutes (but can take up to an hour during a very busy period, e.g.. Black Friday) If your order gets caught at this stage, we run a manual order check, and this can delay the processing of your order for up to 24 hours (though this would be a rare and exceptional case).

You should however receive an order confirmation email IMMEDIATELY upon placing your order. This confirms that your order has successfully been logged in our system and that your payment was successfully taken. Please check your junk folders before contacting our support.

Q: CAN I DOWNLOAD ON A PC, THEN TRANSFER TO A MAC OR VICE VERSA?

Yes, you can copy the library folder and plugin files over to the second machine and then use the "Repair" and "Locate Library" features in the Spitfire Audio App. Please note that although the majority of the download can be done on a separate machine, you will always need an internet connection to finish the authorisation process.

Q: HOW DO I DOWNLOAD PRODUCTS ON MAC OSX 10.9?

The version of the Spitfire App needed to install LEA BERTUCCI - XTENDED VOX only supports Mac OSX 10.10 to OS 12.

Q: I HAVE FOUND A BUG

In some cases we can't squash them all and bugs shamefully make their way through. If you think you have found a bug, please contact us with all the relevant information;

• A description of the bug you have found

• A screencast (video) of the bug happening, or an audio example

• The exact preset name (or presets) in question and also the library giving us as much detail as possible will help us get to the bottom of the issue.

Q: WHAT IS YOUR REFUNDS / RETURNS POLICY?

If you have NOT completed the download / installation process, and bought within 14 days then we CAN refund / return your product, please contact support with your account email address and order number so we can handle this quickly. If you HAVE completed the installation process (even if you've not yet registered your serial number), please see our EULA in regards to why we do not accept refunds and returns. We can refund hard drive orders up until the point when the drive is dispatched from our office. This is usually 1-2 days after you order.

Q: I'VE FORGOTTEN MY PASSWORD?

If you have forgotten your password, please see this link spitfireaudio.com/my-account/login/, and click 'Forgotten Password'. If at some point in the past you asked us to merge two or more accounts but have since forgotten, you MAY find that the forgotten password isn't working for the email address you asked us to merge FROM. In this case, please contact support with your name, and any email addresses you think we might know about, and we'll work out what has happened.

APPENDIX B —
DEFAULT CC MAPPINGS

Dynamics	1
Global Gain	7
Global Pan	10
Expression	11
Release	17
Start Point	18
Reverb	19
Attack	94
Decay	95
Sustain	96