

Emote 1.1

Users' Manual

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Introduction

Emote is a stand-alone program for:

- OS X computers running 10.9.5 or higher
- PCs running Windows 7 or higher
- VST, AudioUnit, and Pro Tools plugin formats

Emote gives you control of all features and settings of your H9000/H9000R effects processor, allowing you to craft your effects extremely quickly and intuitively. Think of Emote as your artistic partner, letting you dig deeper into the creative potential of the H9000/H9000R.

Note: For brevity's sake we will henceforth in this manual use the term "H9000" to describe either a H9000 or H9000R hardware.

Downloading the Installer

Emote is available as a free download at

<https://www.eventideaudio.com/support/downloads/emote-software-h9000>

Once the installer is downloaded, double click the installer icon and follow the onscreen instructions. The installer allows you to choose which formats of Emote to install, as well as the install paths.

- On OS X, since Emote is manually downloaded from our website (as opposed to the OS X app store), you will be prompted to approve the installation of the program during the install process.
- On Windows machines, since Emote is not digitally signed by Microsoft, your machine may give you some extra security prompts while installing.

If the computer running Emote is connected to the Internet, it will automatically poll Eventide's servers to check for any updated versions and alert you if there is a newer version available.

Making Sure Your H9000 Hardware is Up To Date

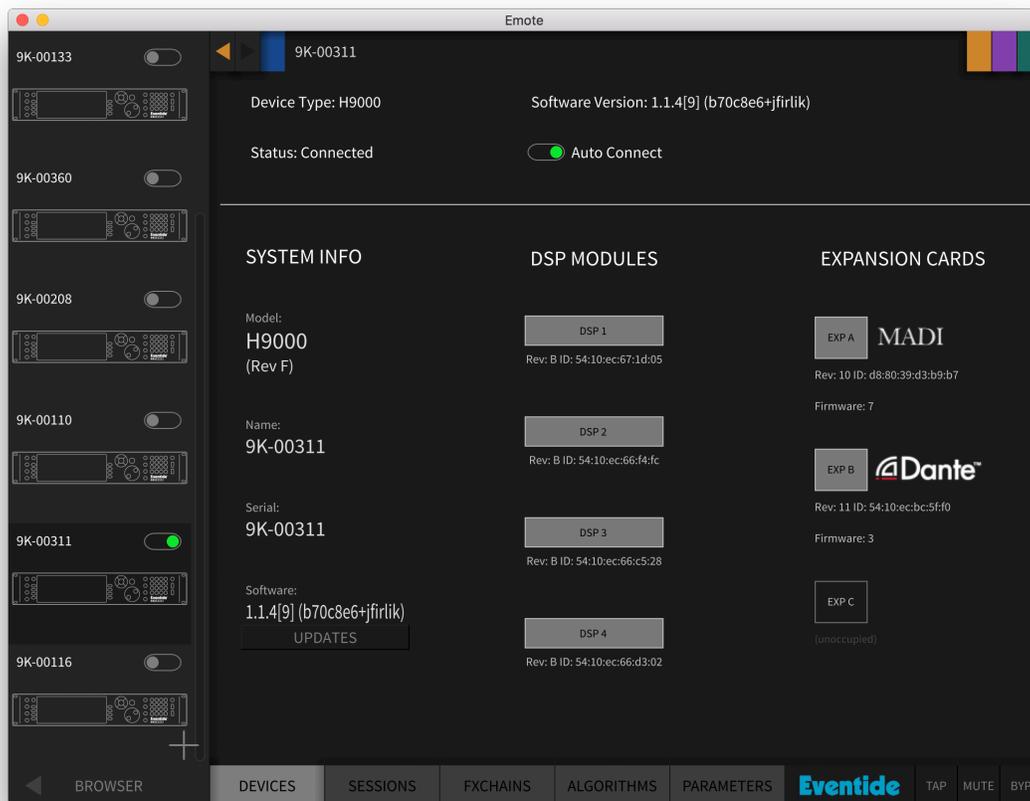
In order for Emote to work optimally, your H9000 should be updated to the latest available firmware. Please refer to your H9000's user's manual for details.

How to Use This Document

Before using Emote, we suggest you have at least a basic familiarity with the H9000's hardware and effects structures. Please refer to your H9000's user's manual for an overview of its operation, as well as deeper details on its functions.

Connecting Emote to the H9000 Hardware

- Make sure your H9000 is connected to your local area network, using the RJ-45 connector on its rear panel or the included wi-fi dongle.
- Launch the Emote software on a computer that is connected to the same Local Area Network.
- Upon launch, Emote will show a list of available H9000 units on the left side of the screen. Any available H9000s will be displayed by their default names (or custom names, if renamed through the H900 front panel interface).
- Click the “connect” toggle above the H9000 icon to “activate” the unit you wish to control. The main interface will populate with data from that unit and you can now view and control that H9000.



The Emote User Interface

Emote makes use of the “drag and drop” method for most operations. Anytime you want to load a Session, FX Chain, Algorithm, etc., simply drag it from the browser window located on the left and drop it onto the appropriate spot in the middle of the screen.

This dragging concept also extends other areas such as moving Algorithms, or creating Input/Output connections.

Emote’s interface contains four key areas:

- 1: Tabs
- 2: Main Screen
- 3: Browser Window
- 4: Color Blocks



Tabs

Click on any of the 5 tabs at the bottom of the screen to quickly switch the main screen between the following areas:

- Devices
- Sessions
- FX Chains
- Algorithms
- Parameters

Main Screen

The large center portion of the Emote interface changes, depending on which tab you have clicked on. This portion of the interface is where you do most of the work configuring FX Chains, algorithms, etc.

Browser Window

Click the large triangle in the bottom-left corner of the browser window to show/hide its contents. The browser window's contents change dynamically, depending on which tab you have selected, and thus which area of the H9000's effects structure you are working in at the time.

Color Blocks

The color blocks at the top of the screen correspond to the different tabs at the bottom, but also show the specific name of the relevant data.

- The **BLUE** block corresponds to the Devices tab and displays the name of the specific H9000 you are currently connected to.
- The **YELLOW** block corresponds to the sessions tab and displays the name of the currently loaded Session.
- The **PURPLE** block corresponds to the FX Chain tab and displays the name of the currently loaded FX Chain.
- The **GREEN** block corresponds to the Algorithms tab and displays the name of the currently loaded Algorithm.

Click on any color block to bring it into focus and switch to that area of the interface. You can also click on the forward/back arrows at the top of the screen to navigate among tabs. Note that the back and forward arrow will also respond based on your last used page, which make navigating more fluid and intuitive.

Other User Interface Controls:

- Option-click (OSX)/Alt-Click (Windows) on any onscreen fader to return it to its default value.
- Click the TAP tab a single time to temporarily display the current tempo used by the H9000. Click the TAP tab repeatedly to manually set a new tempo.
- Click the MUTE tab to toggle global mute on/off.
- Click the BYPASS tab to toggle global bypass on/off.
- The Emote window can be resized within the standalone desktop application, but not in the plug-in versions.
- Click on the “Back/Forward” triangles at the top of the screen to scroll between different pages of the user interface.

Using Emote

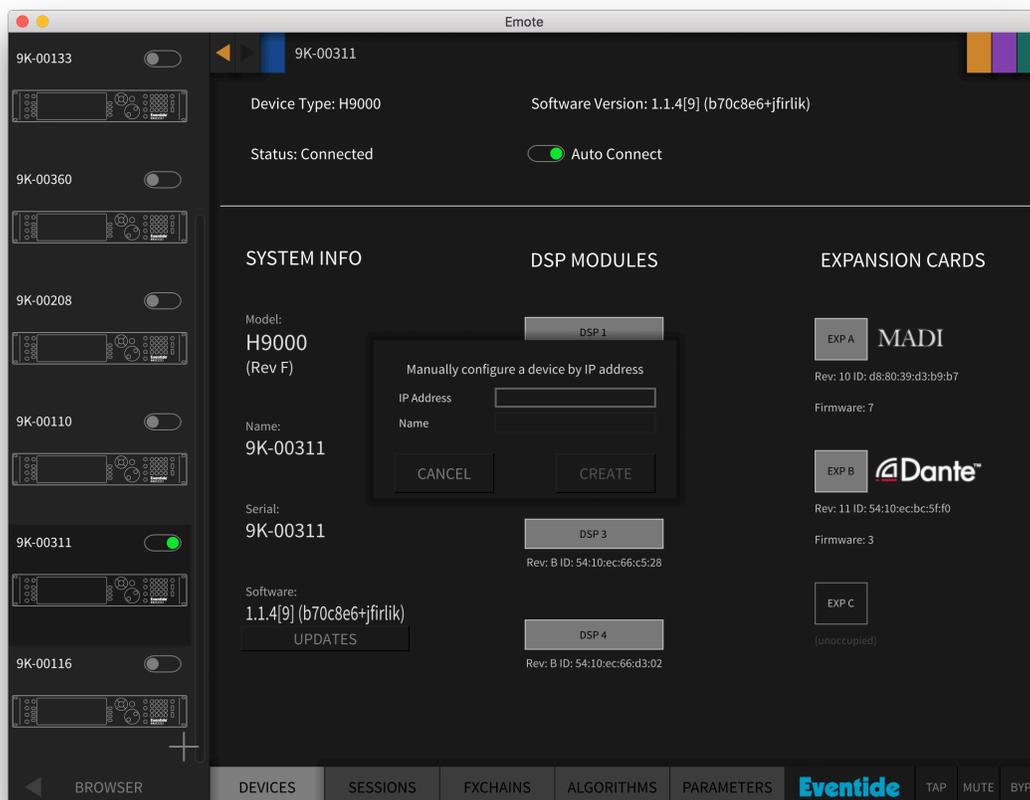
Devices

The devices screen shows information for the currently selected H9000 you are controlling, such as firmware version, number of installed DSP modules, types expansion cards and their firmware versions, etc.

In the device screen, the browser shows/hides the available H9000s present on the local area network.

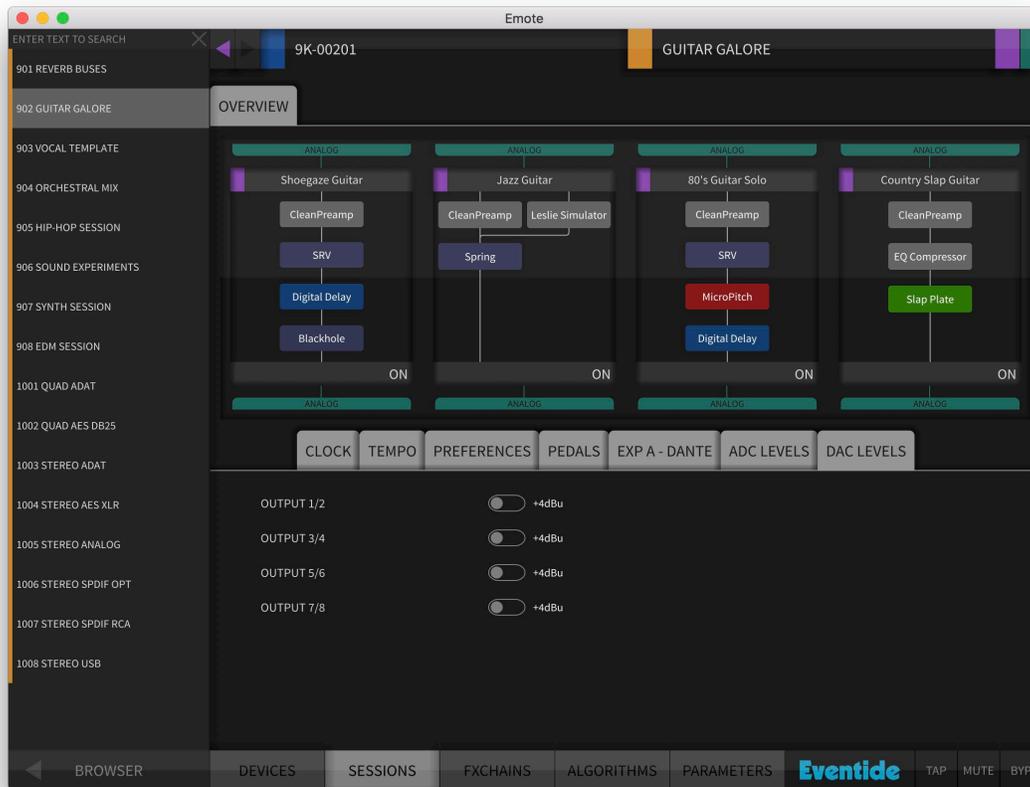
Click the slider in the browser window to connect to the desired H9000. You can also activate the “auto-connect” feature of a given device, to have it automatically connect to that unit when Emote is launched on a specific machine.

Click on the + icon at the bottom of the browser window to manually enter the IP address of an H9000 on the network. This feature can be useful if Emote is not displaying a unit that you know is available on the network.



Note that, as seen on the above screenshot, Emote allows you to connect to multiple H9000 units at once. You can then click on the specific unit, shown in the list on the left that you wish to control at any given time.

Sessions



The sessions screen offers control of two key areas:

- The currently loaded session and the FX Chains that make it up
- The assorted settings data (organized into assorted grey tabs)

Loading a Session

Use the mouse to drag and drop a session (preset or user-created) from the browser window on the left to the middle of the screen. The session will then load.

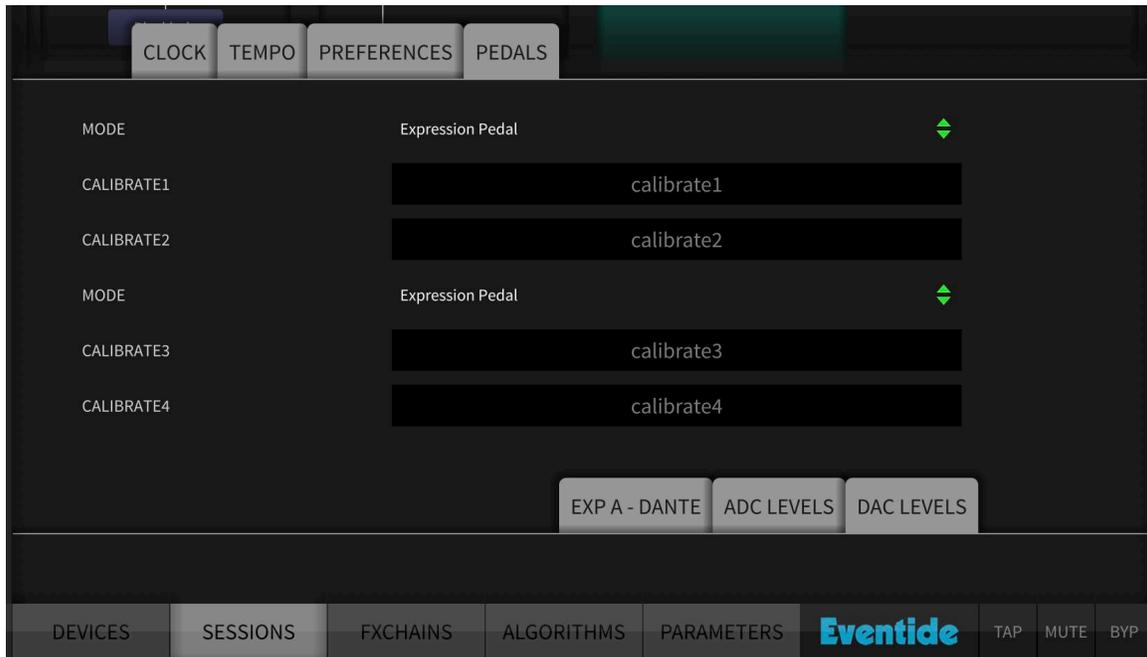
You can also type text into the search box at the top of the browser window to find a particular session. Click the “X” to clear the search field and once again show all sessions.

If you have a session that is in your file browser, you can go to the Session tab on the upper menu and click Open. From there, you can browse your computers file system to find your desired Session. These files will be prefixed with .9ks



Adjusting H9000 Settings

- Click on the tab that represents the settings category you wish to adjust. It will expand to show the assorted settings in that category.
- Use the mouse to adjust the specific settings parameter you wish to change.



FX Chains



The FX Chains screen allows loading of specific FX Chains into available slots and also offers adjustments of FX Chain settings.

Adding an FX Chain

Use the mouse to drag and drop an FX Chain (preset or user-created) from the browser window on the left to the specific FX Chain slot you wish to populate. The FX Chain will then load.

You can also type text into the search box at the top of the browser window to locate a particular FX Chain. Click the “X” to clear the search field and once again show all sessions.

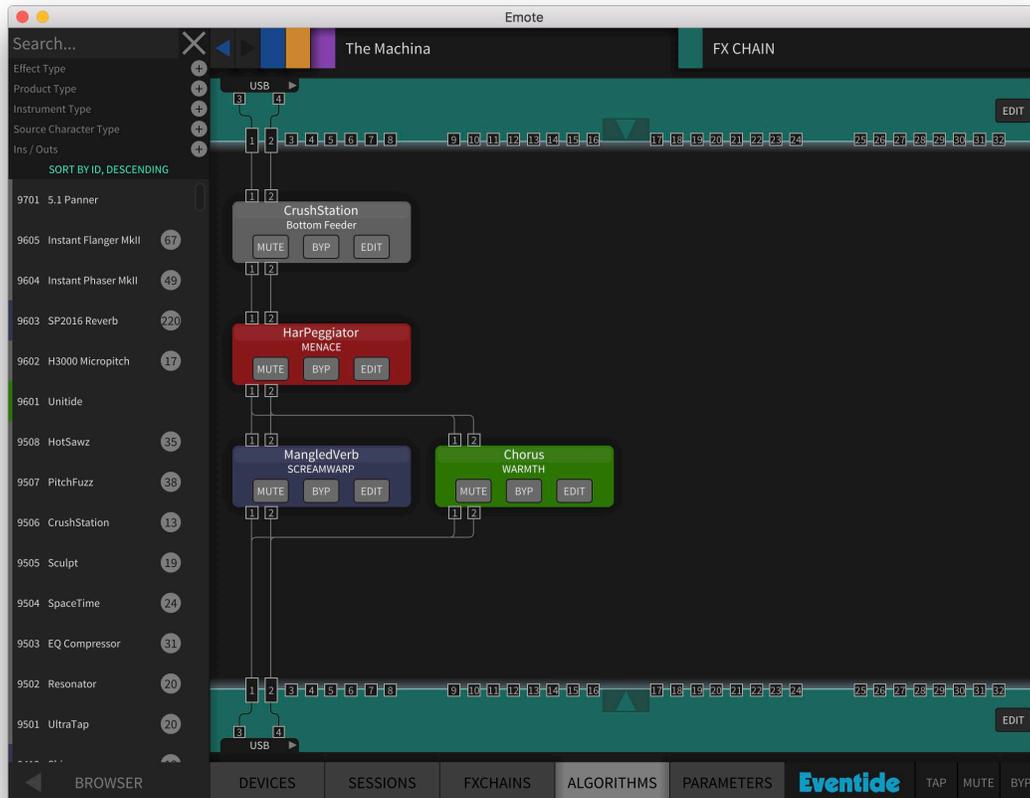
Deleting an FX Chain

To delete an FX Chain, simply drag the FX Chain you want to delete back to the browser window on the left and drop it. The FX Chain will then be deleted, after first prompting you with an “Are You Sure?” message.

Adjusting FX Chain Settings

- Use the mouse to adjust the onscreen controls for each FX Chain, including:
 - Mute
 - Bypass
 - Input and output levels
 - Mix
- Option-click the level faders or mix control top return them to their default state.
- Double-click the FX Chain name to type a new title, then press the RETURN key to save the new name.
- Click on an individual algorithm shown in the FX Chain to adjust its parameters.
- Click on the input or output block of an FX Chain to adjust the parameters for the audio input/output for that FX Chain.

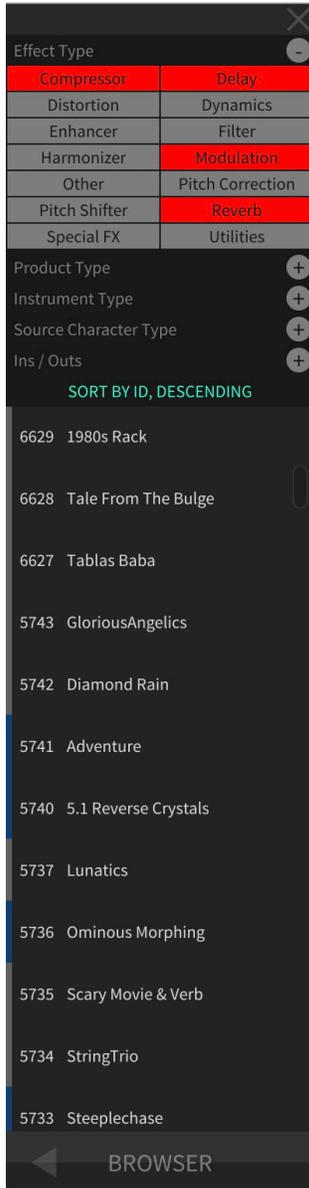
Algorithms



The algorithms screen allows you to:

- Edit Algorithm Routing Within an FX Chain
- Configure Audio Connections
- Mute and Bypass individual algorithms

Selecting an Algorithm



In addition to the search window, Emote also offers powerful tag filtering capabilities, built to quickly narrow down the choices from the large number of available algorithms.

Click on a “+” icon to show/hide an algorithm category.

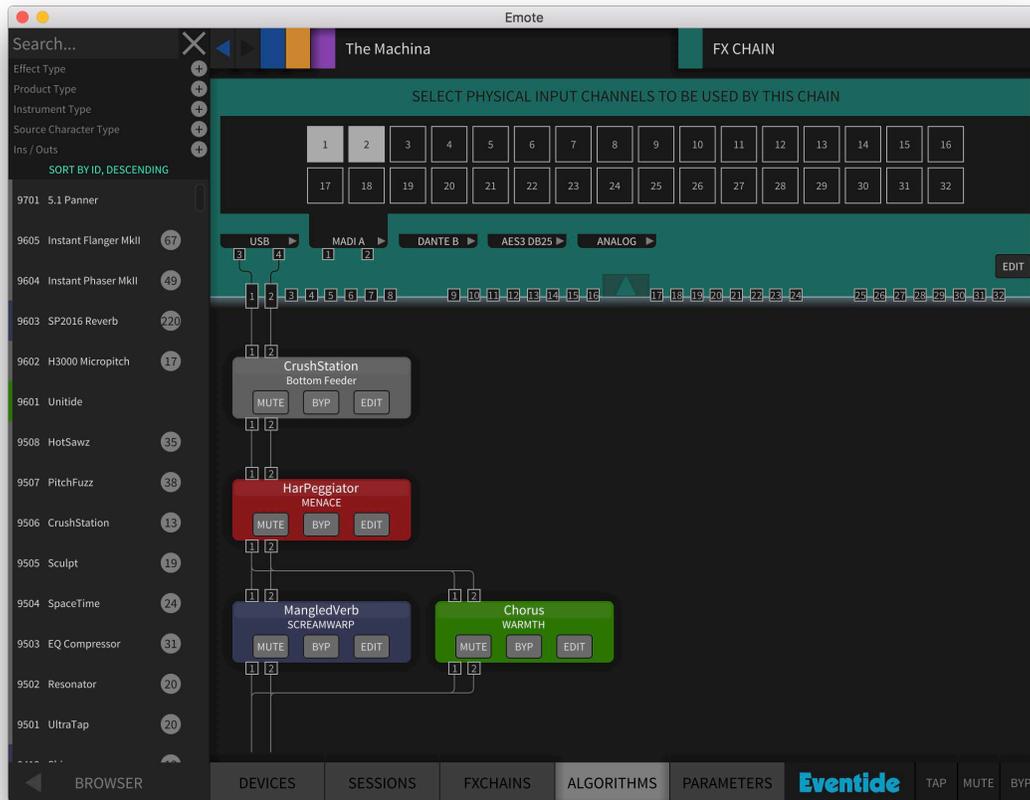
Within that category, click on an algorithm type to toggle it on/off.

The browser will now only display algorithms that match the tags that are currently highlighted in red.

Hover the mouse cursor over an algorithm in the list to display its description.

To remove tags, simply click on your previously selected tags to un-highlight these selections.

Editing Algorithm Routing Within an FX Chain



- Click and drag an algorithm to a blank area of the main screen to move or copy that algorithm to one of the other available slots.
- Click and drag an algorithm to another algorithm slot to “swap” the position of the two algorithms.

Note that deleting an algorithm that is used in an existing routing will keep the routing intact, instead of erasing the routing path.

Configuring Audio Connections



- Click on the show/hide triangle at the top of the screen to display the audio I/O categories.
- Click on the audio I/O category (USB, AES/EBU, Analog, etc.) to show its available I/O channels at the top of the screen.
- Click on an I/O channel of the top of the screen to activate it. The active channel will now show up as a routing block above the algorithm.
- Use the mouse to make connections between the channels and the algorithm connection points. Connections can be “multed” to multiple destinations, as well as be made in series or parallel.
- Emote also allows you to graphically configure routing of Direct I/O pathways. Please refer to the H9000 user’s manual for more information on this function.

Parameters



The parameters screen allows adjustment of specific parameters within an algorithm. To get to this screen:

- Click on a specific algorithm, from the FX Chain or click 'Edit' on the Algorithm block.
- Click on the parameters at the bottom of the screen.

Parameter categories are divided up into tabs; Click on the appropriate tab to display the group of parameters you wish to adjust.

Click on a parameter tab's "pin" control to lock that group of controls and make it always visible.

Option-click (OSX)/Alt-Click (Windows) on a parameter to return it to its default value.

MIDI & Controller Mapping

Parameters in Emote can be controlled by three different external controls:

- MIDI
- Expression
- Function control

This is done by right-clicking a specific parameter, then selecting the “Mapping” control.



Doing so will bring up the mapping panel along the right-hand side, where you can select:

- Controller source
- Action type
- Control & parameter minimum/maximum ranges.

All of these operations work the same way as the front panel of the H9000.

You can also click the “Learn” button to assign a controller automatically. After pressing “Learn”, move the physical control you wish to pair with the parameter and click “Apply”.

After clicking “Apply” the parameter should show a glowing green indicator across the range of the mapping



Parameter Automation

You can now automate H9000 parameters, within your DAW software, using the plugin version of Emote.

Algorithms in the H9000 can contain any number of parameters; However, most DAW hosts assume that the plug-ins they are hosting will have a static, consistent number of parameters, that is declared to the DAW up front.

For this reason, it is necessary to use logical parameters to map between what the DAW sees, and what the H9000 has currently loaded.

This is achieved by using the H9000 “Functions” section as the interface to the DAW automation. This approach also has the added benefit of being able to aggregate multiple H9000 parameters together and automate them in a single automation lane.

When the plug-in version of Emote is loaded into your DAW, the options for automation will appear; each of the four possible FX chains contains 8 Functions each.

Additionally, each separate FX chain also offers the following functions to the DAW automation interface:

- Mute
- Bypass
- Input Gain
- Output Gain
- Mix controls

To begin automating some parameters:

- Follow the instructions in the “MIDI & Controller Mapping “ section above, to assign some H9000 parameters to a Function.
- In your DAW, write some automation data to the lane corresponding to that specific H9000 Function.



Note that while four FX chains are always exposed in the DAW, there may not actually be 4 chains running on your H9000. In this case, automating any unused ones won't have any effect.

If you replace an FX chain within the H9000, the DAW automation data will still exist, and will apply to whatever parameters are assigned to the Function in the newly created FX chain

Loading and Saving Files

Emote has menus at the top of the screen for Sessions, FX Chains, and Algorithms.

Session Menu

Within the Sessions menu, you can:

- Open a session from a file you have saved to your computer
- Save a session file to your computer
- Save a session file to the connected H9000

FX Chains Menu

Within the FX Chains menu, you can:

- Open an FX Chain from a file you have saved to your computer
- Save an FX Chain file to your computer
- Save an FX Chain file to the connected H9000

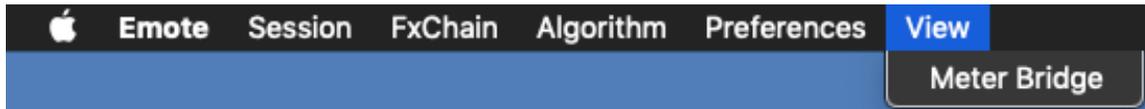
Algorithms Menu

Within the Algorithms menu, you can:

- Open an Algorithm preset from a file you have saved to your computer
- Save an Algorithm preset to your computer
- Save an Algorithm preset to the connected H9000

Metering

Emote now has the ability to view all 8 of the H9000's hardware IO meters in a separate Meter Bridge window, found under the View menu of any connected H9000.





The meter bridge allows you to view any physical IO source or destination in banks of 8. This is useful for debugging setup issues or doing more precise gain staging, as these meters are hardware-based, unlike the software metering provided within each FX chain.

Note that the H9000 shares these meter channels with the front panel LED meters; viewing them in Emote will override any existing front panel LED meter configurations.