V-MACHINE™

STAND ALONE VST PLUG IN PLAYER

- QUICK START GUIDE -

Introduction

Thank you for purchasing the V-Machine. You now own an extraordinary product that offers stand-alone playback of VST (Virtual Studio Technology) plug-ins originally designed for operation on the Windows operating system.
We urge you to read the full PDF manual included on the CD from start to finish in addition to this quick start guide as some of the concepts of the V-Machine require detailed explanation.
Congratulations on the purchase of your new V-Machine. We know it helps you make some great music!

V-Machine Features

The Hardware:

Features:
• External hardware host for Windows plugins (VST instruments and effects)
• Low latency real-time audio performance
• Presets can contain plug-in chains, layers, and zone splits
• Intuitive Keypad button user interface
• Extensive third party MIDI controller support
• LCD Panel
• Sturdy compact chassis

Technical specifications:
• 1 Ghz CPU   • 1G IDE flash disk
• 512 MB RAM   • HD audio codec

Connections:
• Audio Line Out (2 x TS 6.35mm): Line level -10dB
• Audio Line Input (1 x 3.5mm stereo mini jack): Line Level -10dB
• Headphone output (3.5mm stereo)
• 2 x USB (Host) for connection of USB peripherals
• 1 x USB (Slave) for connection to host computer
• 1 x MIDI Input (5-pin female DIN)
• 1 x Kensington® Security Slot
• DC IN : 12V 2A external 110-240V 50/60Hz plug-pack

The VFX Application facilitates:

Features:
• The creation of Preset sounds incorporating plug-in chaining, layering, keyboard mapping, and mixing
• The auditioning of Presets on the host computer
• Interaction with the VST GUI
• File management of Banks, Presets
• Configuration of Global System Settings
• The synchronization of settings to the V-Machine

What's in the Box?

• SM Pro Audio V-Machine
• Power supply
• This quick start guide
• USB cable
• Getting started CD – VFX application, Operation manual (PDF) and FREE plug-ins.
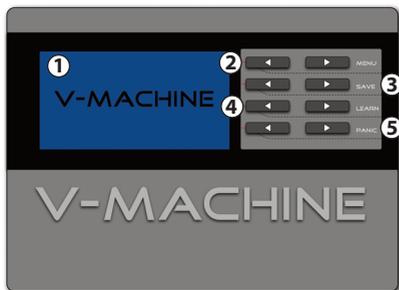
About this Quick Start Guide
This Guide covers:

• Overview of the V-Machine
• How to connect the V-Machine
• Basic operation of the V-Machine
• Installation of the VFX Application Software
• Overview of the VFX Application Software
• Connecting the V-Machine to your computer
• Installation of plug-ins
• Synchronization of the V-Machine
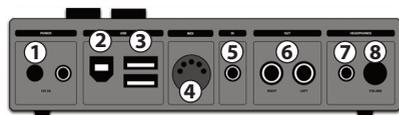• Additional information and support

Overview
Front:

① **LCD Panel:**
The panel has four rows which display the Bank name, Preset name, selected parameter and parameter value

② **Bank buttons:**
Browse Banks (left = previous, right = next)

③ **Preset buttons:**
Browse Presets (left = previous, right = next)

④ **Parameter buttons:**
Select parameters (left = previous, right = next)

⑤ **Parameter value buttons:**
Adjust current parameter value (left = down, right = up)

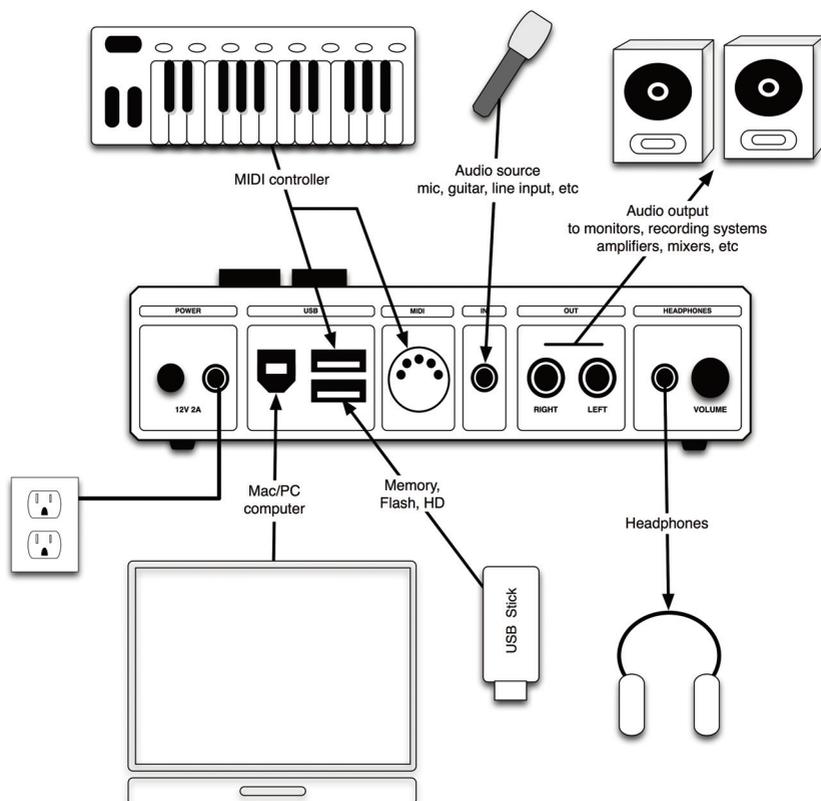*** Note:** Defined below are the dual press keypad selection functions.*
• 1st row: Enters the Global System Settings
• 2nd row: Saves the current preset
• 3rd row: Activates the MIDI learn function
• 4th row: Activates the MIDI panic function

Back:

① **Power Switch**
Switches the V-Machine on and off

② **USB to Host**
Port to connect the V-Machine with the PC

③ **USB Port**
Two ports to connect mass storage devices and/or MIDI controllers

④ **MIDI In**
Port for MIDI controllers

⑤ **Audio In**
Connection of audio input signal

⑥ **Audio Outs**
Main stereo output signal

⑦ **Headphone Out**
Port to connect headphones

⑧ **Headphone Volume**
Rotary headphone amplifier volume control

How to connect the V-Machine

MIDI controller

Audio source
mic, guitar, line input, etc

Audio output
to monitors, recording systems
amplifiers, mixers, etc

POWER   USB   MIDI   IN   OUT   HEADPHONES

12V 2A

RIGHT   LEFT   VOLUME

Mac/PC
computer

Memory,
Flash, HD

Headphones

USB Stick

*It should be pointed out, that extreme output volumes may damage your ears and/or your head-
phone units. Turn down the LEVEL controls before you switch on the unit.*

Basic Operation of the V-Machine

1. Connect the outputs on the rear panel of the V-Machine with your powered speakers, amplier, or mixer. You can also use the headphone amplier provided.
2. Connect a MIDI controller to the MIDI in port or a USB port on the rear of the V-Machine.
3. Connect the included plugpack to the V-Machine and mains power.
4. Depress the power button on the rear panel and wait while the V-Machine initializes.
5. The V-Machines front panel displays 4 lines of text: Selected Bank, Selected Preset within the selected Bank, Selected plug-in parameter within the selected Preset, and the Selected parameter value.
6. Navigate the Banks and Presets using the keypad button interface while monitoring the LCD Panel.
7. Play your MIDI controller and enjoy playing your Presets!
8. Global System Settings and other functions are accessed by pressing two buttons simultaneously. Refer to the operational manual for further details.

*** Note:** See "Connecting the V-Machine with the Computer" to install plug-ins on the V-Machine.*

Installation of the VFX Application Software

The V-Machine is a stand-alone unit designed to operate without the requirement of PC/Mac computer for performance. However, the full power of the unit is only realised when configured for use by the VFX Application software.

Requirements:

Windows based PC
Minimal: Pentium 1 GHz / Athlon XP 1.33 GHz, 512 MB of RAM, Windows XP / Vista or later.
Suggested: Pentium 2.4 GHz / Athlon XP 2.4 GHz, 1 GB of RAM, Windows XP / Vista or later.

Intel based Mac
Minimal: Any Intel based Mac
Suggested: 1.66 GHz Intel Core Duo processor, 1 GB of RAM, Mac OS X 10.4.4 or later.
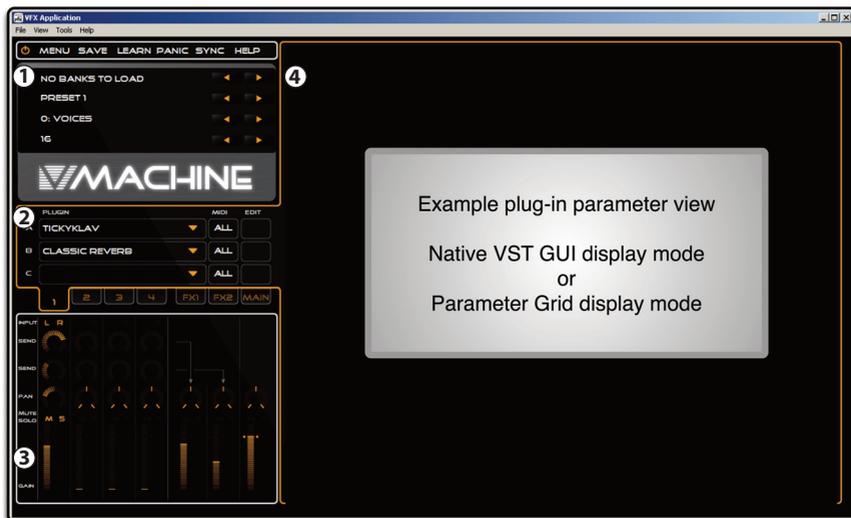
How to install:

Windows
• Insert the Getting Started CD into your computers CD drive
• Run the 'VFXWebSetup.exe' download wizard
• The wizard automatically downloads the most up to date version of the VFX Application and prompts for user for confirmation during the installation process on your computer
• After installation is complete the VFX Application is available for use from the Start Menu->All Programs->VFX->VFX Application

Mac
• Insert the Getting Started CD into your computers CD drive
• Run the 'Download VMACHINE for Mac' download wizard
• The wizard directs your web browser to the SM Pro Audio website where you can download the most up to date version of the VFX Application
• The Mac VFX Application is downloaded in .dmg disk image file format
• Double click the .dmg file to mount the image and follow the installation instructions provided
*** Note:** It is also possible to simply download the latest version of the VFX Application from the SM Pro Audio website at any time.*

Overview of the VFX Application Software
The VFX Application GUI has an intuitive four (4) Pane layout design

① V-Machine Pane
Represents a virtual V-Machine. The clickable keypad interface responds just as the hardware version.

② Plug-in Pane
A tab layout structure offers quick access to all Plug-in Slots in the current Presets mixer configuration.

③ Mixer Pane
The Mixer Pane offers quick access to traditional mixer channel operations such as gain, pan, mute, and solo, etc.

④ Parameter Pane
This Pane displays the currently selected VST plug-ins parameters in either Native VST GUI mode or Parameter Grid mode.

Connecting the V-Machine with your computer

1. Install the VFX Application from the Getting Stared CD onto your computer.
2. Connect a MIDI Keyboard to the V-Machine.
3. Connect the V-Machine to your computer using the included USB Cable.
4. Power on the V-Machine.
3. Launch the VFX Application.
4. The VFX Application detects that the V-Machine is connected and displays the V-Machine Pane, Plugin Pane, Mixer Pane and the Parameter Pane.
6. Use the VFX Application to install plug-ins, create Banks and Presets, and audition sounds.
7. Synchronize the V-Machine with the VFX Application conguration as desired.

Installation of plug-ins
Plug-in installation wizard

The VFX Application includes a plug-in installation wizard designed to assist you in installing a range of plug-ins on your V-Machine and computer. The wizard prompts you for user feedback and confirmation during the step-by-step installation process. Typically, plug-in .dll files are transferred to the appropriate folder along with any support and sample files.

*** Note:** Some plug-ins have complex installation methods that may not yet be incorporated in the VFX plug-in installation wizard. Plug-ins with specific authorisation requirements will be catered for on a case-by-case basis and added to the wizard over time. Updates will be available on www.smproaudio.com.*

Installing Windows VST ".dll" plug-in files manually on the computer

Many plug-ins can be installed on your computer by copying the raw VST .dll file to a newly created folder in the following location 'My Documents\VFX Plug-ins'. The folder name should be the same as the plug-in name.

Installing plug-ins on the V-Machine without the VFX Application

The V-Machine will recognize certain raw VST .dll files when loaded onto the V-Machine. This method will not work with all plug-ins as some plug-ins have much more complex installation requirements.

Synchronization of the V-Machine
Sync via USB cable

Pressing the SYNC icon in the VFX Application activates synchronization.

Load/Save to Stick synchronization method

The Load/Save to Stick synchronization method involves mounting a compatible USB memory stick (Thumb drive) into an available USB connector slot on your computer. Once mounted, you can select the 'Load from Stick' or 'Save to Stick' from the File drop down menu as desired.
The V-Machine hardware features a file management utility that can be accessed via the Global System Settings Menu. It is possible to perform 'Load from Stick' and 'Save to Stick' function when a USB Memory stick is connected to V-Machine.
For more detailed information on the SM Pro Audio V-Machine hardware, the VFX Application Software, and warranty issues, please consult the User Manual contained on the V-Machine CD.

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