

Hybrid

Addendum

Version 1.5



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chapter 1

Introduction

Welcome to Hybrid 1.5, the latest spawn of the Digidesign® High Definition Synthesizer. Hybrid 1.5 brings you several exciting new features that increase sonic possibilities.

System Requirements

To use Hybrid 1.5, you need the following:

- A Digidesign-qualified Pro Tools|HD® system, Pro Tools LE™ system, or Pro Tools M-Powered™ system
- An iLok USB Smart Key
- Hybrid 1.0 or higher installed on your system

For complete system requirements, visit the Digidesign website (www.digidesign.com).

Compatibility Information

Digidesign can only assure compatibility and provide support for hardware and software it has tested and approved.

For a list of Digidesign-qualified computers, operating systems, hard drives, and third-party devices, visit the Digidesign compatibility pages (www.digidesign.com/compatibility).

New Features in Hybrid 1.5

Hybrid 1.5 includes the following new and enhanced features:

VCF (Voltage Controlled Filter)

This is a new vintage-sounding filter for classic analog synthesis.

Filter Saturation Modes

Hybrid 1.5 provides six new Filter Saturation modes:

- Overdrive
- Distort
- Hard Clip
- Rectify
- Bit Crush
- Resample

New Patches

336 all-new patches in 18 categories, and 256 revised factory patches provide you with an extended range of sonic possibilities.




For detailed information on Hybrid 1.5's new features, see Chapter 3, "New Features."


Conventions Used in This Guide


All Digidesign guides use the following conventions to indicate menu choices and key commands:


Convention	Action
File > Save	Choose Save from the File menu.
Control+N	Hold down the Control key and press the N key.
Control-click	Hold down the Control key and click the mouse button.
Right-click	Click with the right mouse button.

The following symbols are used to highlight important information:

 *User Tips are helpful hints for getting the most from your Pro Tools system.*

 *Important Notices include information that could affect your Pro Tools session data or the performance of your Pro Tools system.*

 *Shortcuts show you useful keyboard or mouse shortcuts.*

 *Cross References point to related sections in this guide or other Pro Tools Guides.*

chapter 2

Installation and Authorization

Installing Hybrid 1.5

To install Hybrid 1.5:

- 1 Double-click the Hybrid installer application.
- 2 Follow the on-screen instructions to complete the installation.


The Hybrid installer puts the Hybrid plug-in files in the following locations:

Windows Program Files\Common Files\
Digidesign\DAE\Plug-Ins

Mac OS X /Library/Application Support/
Digidesign/Plug-Ins

Authorizing Hybrid

Hybrid 1.5 requires an authorized version of Hybrid 1.0.

 *For more information on authorizing Hybrid, see the Hybrid 1.0 Plug-in Guide*

Uninstalling Hybrid 1.5

Windows Vista

To remove a plug-in:

- 1 Choose > Control Panel.
- 2 Under Programs, click “Uninstall a Program.”
- 3 Select the plug-in from the list of installed applications.
- 4 Click Uninstall.
- 5 Follow the on-screen instructions to remove the plug-in.

Windows XP

To remove the Hybrid 1.5 plug-in:

- 1 From the Start menu, choose Settings > Control Panel > Software.
- 2 Select the Hybrid plug-in from the list of installed applications.
- 3 Double-click the Change/Remove button.
- 4 Follow the on-screen instructions to remove the plug-in.

Mac OS X

To remove the Hybrid 1.5 plug-in, do one of the following:

1 Locate and open the Plug-ins folder on your Startup drive (Library/Application Support /Digidesign/Plug-ins).

2 Do one of the following:

- Drag all files with “Hybrid” in their names to the Trash and empty the Trash.

– or –

- Drag all files with “Hybrid” in their names to the Plug-Ins (Unused) folder.

chapter 3

New Features

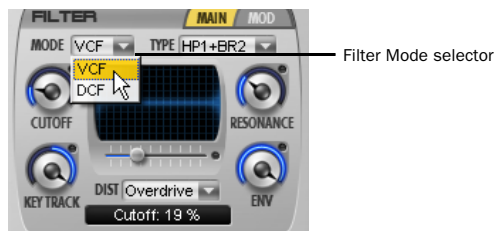
Hybrid 1.5 introduces several exciting new features and patches for increased sonic possibilities.

VCF (Voltage Controlled Filter)

The VCF is a new mode for the Hybrid 1.5 Filter. It emulates the sonic behavior and acclaimed sound of the filters in classic analog synthesizers of the 1970s and 80s. As opposed to the DCF (Digitally Controlled Filter), the VCF provides a sound character that can be described as warm, soft, and analog.

To select the VCF:

- 1 Go to the Filter section.
- 2 From the Mode pop-up, select VCF.



Selecting the VCF Filter mode

Filter Saturation Modes

There are six new Filter Saturation modes available in Hybrid 1.5. The Saturation modes change the type of distortion applied to the signal when increasing the Filter saturation.

Descriptions of the Filter Saturation Modes

Mode	Description
Overdrive	Creates a soft, tube-like clipping.
Distort	Creates a harder, brighter clipping.
Hard Clip	Creates a very hard, bright, transistor-like clipping.
Rectify	Creates a gentle distortion which retains the character of the input.
Bit Crush	Reduces the bit depth, creating deliberate aliasing.
Resample	Reduces the sample rate, creating deliberate aliasing

These Filter Saturation modes apply to both the VCF and the DCF.

To select a Saturation mode:

- 1 Go to the Filter section.
- 2 Select the mode from the Filter Saturation pop-up menu.



Selecting a Saturation mode

To adjust the Saturation level:

- Drag the Filter Saturation level slider.

💡 Saturation level in percent appears in the window beneath the Saturation menu.



Adjusting the Filter Saturation

New Patches

Hybrid 1.5 comes equipped with 336 all-new patches in 18 categories, in addition to 256 revised and re-programmed Hybrid 1.0 factory patches.

All of these patches make use of the new filter and saturation modes.

⚠ *When updating to Hybrid 1.5, your Hybrid 1.0 patch folder containing factory and user saved patches is moved into a subfolder called Hybrid 1.0, which resides within the Hybrid 1.5 patch folder.*

The following table lists the new patch category names and numbers.

Patch Category Number	Patch Category Name
01	Soft Pads
02	Bright Pads
03	Moving Pads
04	Actions Pads
05	Arpeggios
06	Sequenced
07	Poly Synths
08	Keyboards
09	Bells
10	Percussive
11	Basic Basses
12	Soft Basses
13	Hard Basses
14	Drones

Patch Category Number	Patch Category Name
15	Soft Leads
16	Hard Leads
17	Ambiences
18	FX



In the Patch folders, the completely new patches of Hybrid 1.5 are marked with a Plus symbol (+) added at the end of the name. For example: "01 Big Sur+."



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