Nick Crow Lab

TubeDriver v.1.3

User Manual

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Thank you for downloading “TubeDriver” by Nick Crow Lab.

TubeDriver - tube amplifier emulation plug-in for Windows (VST 32 and 64bit) and Mac OS X (VST and AU 32 and 64bit).

Installation

Mac OS X Installation

Open the DMG disk image file "TubeDriver.dmg".
For AudioUnit plug-in drag & drop the "component" package from it into the folder "/Library/Audio/Plug-Ins/Components/" folder on the hard disk. Both 32 and 64 bit plug-ins included in one package.
For VST plug-in drag & drop the "vst" package into the folder "/Library/Audio/Plug-Ins/VST/" folder on the hard disk. Both 32 and 64 bit plug-ins included in one package.
Restart your host audio application.

Windows Installation

Unpack the file "TubeDriver.zip" into the "VstPlugins" folder, the one which is connected with the your host audio application.
Restart your host audio application.

Consult your host application’s documentation for instructions on how to do this, if necessary.

TubeDriver's audio routing:

CONTROLS

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Pre EQ Controls:

1 High Pass Filter ON/OFF; 2 High Pass Filter frequency;

3 Peak Filter ON/OFF; 4 Peak Filter frequency; 5 Peak Filter Gain;

6 Shelf Filter ON/OFF; 7 Shelf Filter frequency; 8 Shelf Filter Gain;

9 Low Pass Filter ON/OFF; 10 Low Pass Filter frequency;

11 Low Pass Filter Resonance;

Tube Amp Controls:

12 BIAS - Adjusts tube stage's grid bias which control the symmetry of the tube amp saturation. Smaller values provide a more asymmetric saturation;

13 DRIVE - Amount of gain applied by the tube amp;

14 Boost - +12 db additional gain applied by the tube amp;

15 VOLUME - Output level control.

16 Over - Indicate when the output signal are overloading. If "Over" is red - turn down VOLUME control;

Post EQ Controls:

17 HP Freq – High Pass Filter frequency;

18 LP Freq– Low Pass Filter frequency;

Other Controls:

19 Oversample - Oversampling Rate in realtime;

20 16x On Render – Oversampling Rate in Render (Mixdown) mode of host:

OFF - Oversampling Rate in Render (Mixdown) mode of host same as in realtime;
ON - Oversampling Rate have a maximum (16x) value in Render (Mixdown) mode of host.

21 Bypass - Switch TubeDriver in bypass mode;

22 Mono - Switch TubeDriver in mono mode - process Left Input, output Left and Right;

23 Phase - Invert phase of output signal;

24 Dry/Wet – Overall Dry/Wet control;

25 THD (Total Harmonic Distortion) meter;

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