DT Customizer ToGo v1.1

User Manual

Table of Contents

Introduction

DT Customizer was written to allow owners of Line 6 DT 50 and DT25 amps take advantage of the exciting capabilities provided with the 2.0 version of the amp firmware.

There are two versions of DT Customizer. There is a Mac version called DT Customizer (currently in beta testing), and there is an iPhone application (available in the App Store) called DT Customizer ToGo. Both versions allow users to modify and save DT amp voicing configurations to settings files stored on your computer or iPhone. These setting files can be used interchangeably between the two platform specific applications.

2

Overview

DT Customizer ToGo is an iPhone application, that gives you an easy way to modify and save DT-Series amp voicing configurations to settings files stored on your computer or iPhone.

Your iPhone is connected to a DT50 or DT25 via a Midi interface (such as the Line 6 Midi Mobilizer II). Then, you can modify the amp model settings. And, you can easily save these settings to your Dropbox!
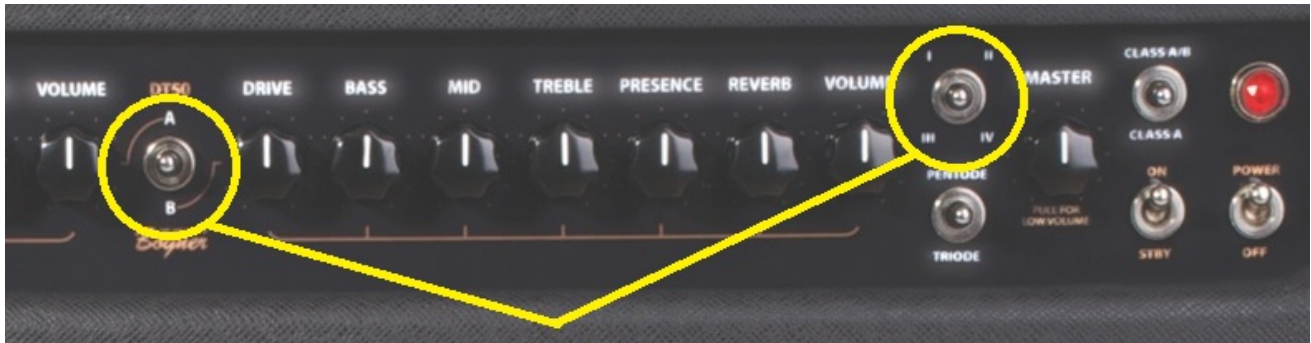

3

Getting Started

Once you have installed the 2.0 Firmware update for DT25 and DT50, follow these steps to get started:

- Download DT Customizer ToGo from the App Store.
- Connect your Midi interface to your iPhone.
- Make sure the Midi interface is functioning, and has the latest firmware installed.
- Power on the DT-Series amp (you can leave it in standby mode).
- Launch DT Customizer ToGo
- Start customizing your amp!

4

DT Series Voicings

As you customize your DT-Series amp, it will be important to understand that many settings can be stored in the amp, and can easily be summoned by changing the amp to the designated "voicing position".

The "voicing position" is defined by the Channel Letter (A or B) combined with the Voice Number (I, II, III, or IV). These combinations provide eight (8) voicing positions, which store groups of settings that can be stored and later retrieved by changing the Channel and Voice switches on the amp.
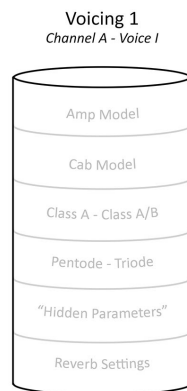

Figure 1: A Voicing

Each voicing stores an amp model, cab model, operating class, tube configuration, and other "hidden" parameters. This set of parameters can be summoned by choosing the

5

corresponding channel / voice combination. As mentioned above, there are a total of eight voicings to store and select.
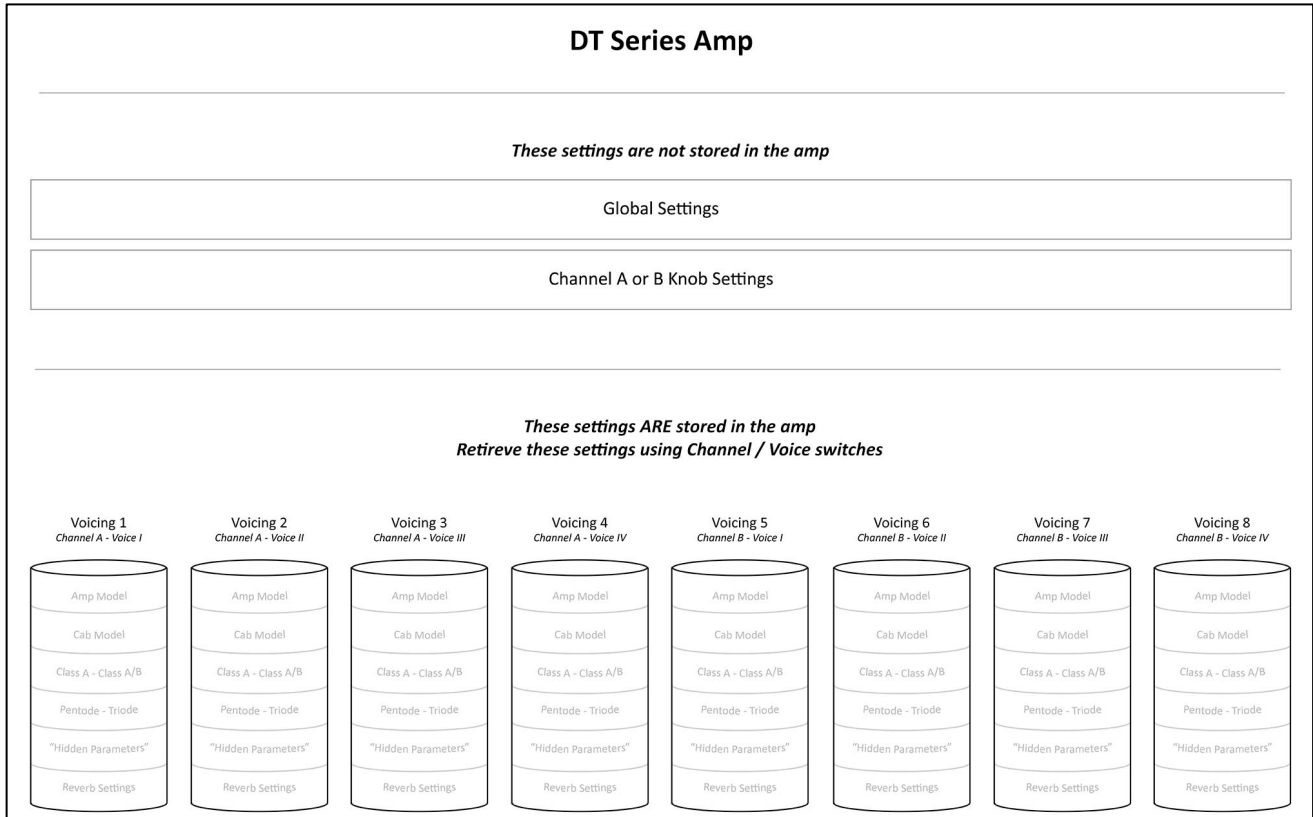

Figure 2: Voicing vs "Outside" Settings

Outside Settings

However, some amp settings are outside of the voicings. Some of these "outside" settings are used as "Global" settings, which apply regardless of the voicing position or channel selection. These include the Master Volume knob, the Low Volume Mode (LVM) Switch, and the Direct Output XLR Mic Emulation setting.
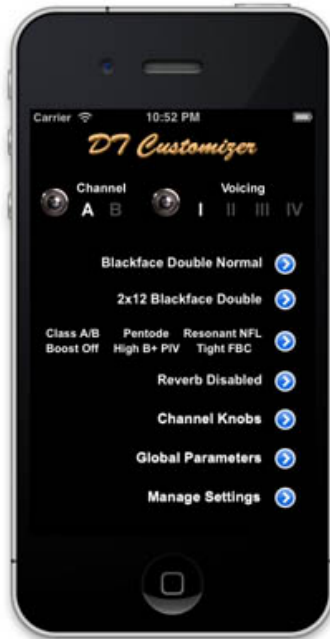
Another group of "outside" settings are the channel knobs. These settings do not get stored with the voicing settings.

6

You can use DTCustomizer to set these outside settings, but they will be overridden by the controls on the amp. Please note that the Master Volume knob and LVM switch are best used from the amp controls.

Once you configure your eight voicings the way you like them, you can save them offline to your iPhone or to a computer. This procedure is discussed later in the Chapter titled "Manage Settings Screen".

The Main Screen

The DT Customizer ToGo Main Screen allows you to change the current amp voicing, by changing the selected channel and/or voice index. This screen also displays the specified amplifier model, cabinet model, and power amp settings of the selected voicing.

From the Main Screen, you can click the corresponding details button and navigate to additional screens to perform the following tasks:

- Change the amp model.
- Change the cabinet model.
- Modify the DT-Series power amp settings.
- Modify the reverb settings.
- Modify the channel knob values.
- Modify the global amp parameters.
- Save and Load stored amp settings.

8

NOTE:

The Main Screen will synchronize with the amp, if the amp is connected when the DT Customizer ToGo app is launched. If the amp is connected after the app launches, you may have to change the channel or voice from the Main Screen a couple of times to get the amp to synchronize with the app.

Amplifier Model Selection Screen

You can use this screen to select your desired amplifier model. The selected HD Amp will be sent to the DT Series amp when you push Apply.

If you apply the amp model with the Use Amp Defaults switch On, you will select the HD Amp with its default Cab, Power Amp Operating Class and Tube Configuration, and additional amp parameter settings.

When you press the Apply button, the model will be sent to the amp, and the selection will be saved in the current settings.

The excellent assortment of amp models, assembled by Line 6, are described the following document:
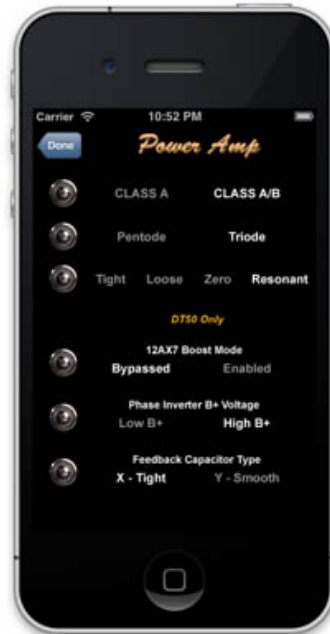
http://line6.com/support/manuals/

10

Cabinet Model Selection Screen

You can use this screen to select your desired cabinet model. The selected cab model will be sent to the DT Series amp when you push Apply.

When you press the Apply button, the model will be sent to the amp, and the selection will be saved in the current settings.

11

Power Amp Settings Screen

While the Operating Class and Tube Configuration parameters can be modified from the front panel of your DT-Series amp, there are four additional amp settings that can only be modified via Midi commands (sent by a tool like DT Customizer).

From the Power Amp Screen you can modify the following settings:

- Power Amp Operating Class: A - A/B
- Power Amp Tube Configuration: Triode / Pentode
- Topology / Negative Feedback Loop Type
- 12AX7 Boost Mode: Bypass / Enable *
- Phase Inverter B+ Voltage: Low / High *
- Feedback Capacitor Type: Capacitor X (tight) / Y (smooth) *

12

*NOTE:

The annotated items are for DT50 amplifiers only. Also, the Boost Mode is functional only when Low Volume Mode is Off.

The settings on this screen will be applied to the amp when you press the Apply button. These settings will be saved in the amp with the settings for the current voicing.

Reverb Settings Screen

This screen allows you to modify several reverb parameters, including the Reverb Mix value (which is also adjustable from the front panel of your DT-Series amp using the Reverb knob). You can also modify several Hidden Reverb Parameters, such as the Reverb Type, Decay, Pre Delay, and Tone values.

NOTE:
The settings on this screen will be applied to the amp when you press the Apply button. These settings will be saved in the amp with the settings for the current voicing.

14

Channel Knobs Screen

This screen allows you to modify the channel knob values (which are also adjustable from the front panel of your DT-Series amp).

NOTE:
Changing the channel knobs on the front panel of the amp will override any modifications applied from the DT Customizer app.

The settings on this screen will be applied to the amp when you press the Apply button. However, these settings are **NOT** saved in the amp with the settings for the current voicing.

15

Global Parameters Screen

Use this screen to modify the Master Volume and Low Volume Mode settings (also accessible from the front panel of the DT-Series amp. You can also modify the XLR Mic Emulation Model, which is not accessible via controls on the amp.

NOTE:

Changing the Master Volume knob or Low Volume Mode switch on the front panel of the amp will override any modifications applied from the DT Customizer app.

The settings on this screen will be applied to the amp when you press the Apply button. However, these settings are **NOT** saved in the amp with the settings for the current voicing.

16

Manage Settings Screen

Here you can save all the voicing parameters from the amp to a file stored on your device or on another computer. If you have a Dropbox account (which you can quickly setup if you do not already have one), you can easily save your amp settings to the Cloud! Just click Use Dropbox, sign in, and start saving your settings to (and loading from) Dropbox!

As long as the app is connected to your Dropbox storage, you will see buttons that will allow you to save and load from Dropbox. You will not see the Use Dropbox button when you are connected to your Dropbox account.

NOTE:

Loading and saving settings files requires the app to cycle through all of the voicings on the amp. This should take a minute or less, and you will see the amplifier channel and voice change.

Also, if you appear to be experiencing unusually high battery drain, unlink your iPhone from Dropbox.