



# TC·HELICON<sup>®</sup>

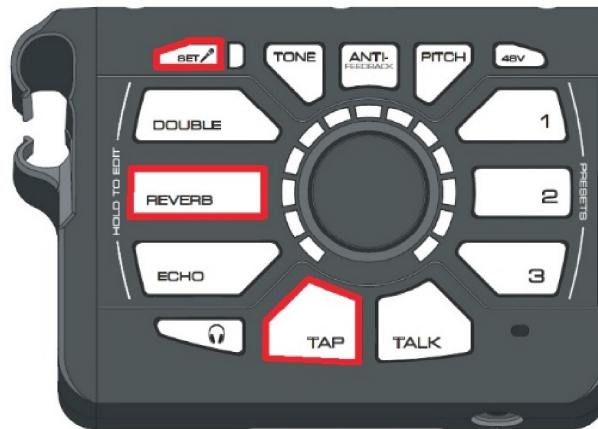
<b>Company</b>	<b>TC-Helicon Vocal Technologies Inc.</b>
<b>Document</b>	<b>Perform V Test Modes</b>
<b>Version</b>	<b>1.0</b>
<b>Created</b>	<b>July 14, 2015</b>
<b>Created by</b>	<b>RE</b>
<b>Products Supported</b>	<b>Perform V</b>
<b>Notes</b>	<b>This document outlines how to access the different test modes for the Perform V device.</b>

## Revisions

<b>Rev.</b>	<b>Description</b>	<b>Date</b>
1.0	Initial Release	July 14, 2015

## Front Test

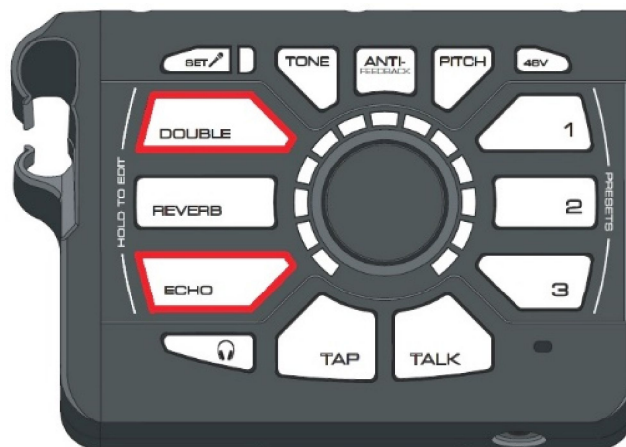
1. Hold down the "TAP", "REVERB" and "SET" buttons and power up the Perform V.



2. Turn the encoder, and press the lit buttons to step through the front test which tests all buttons/LEDs.

## Factory Reset

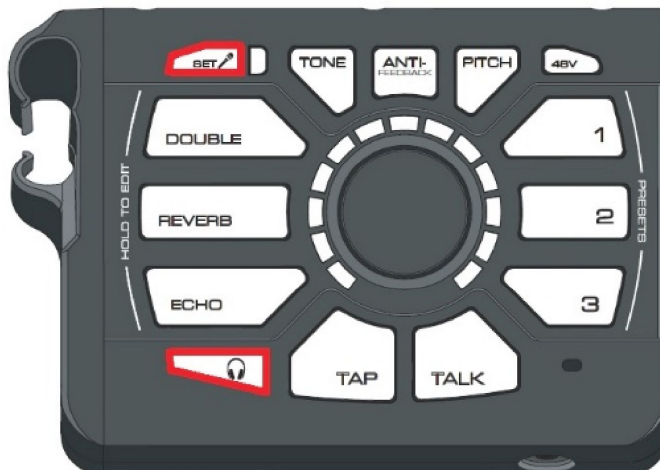
1. Hold down the "DOUBLE" and "ECHO" buttons and power up the Perform V.



2

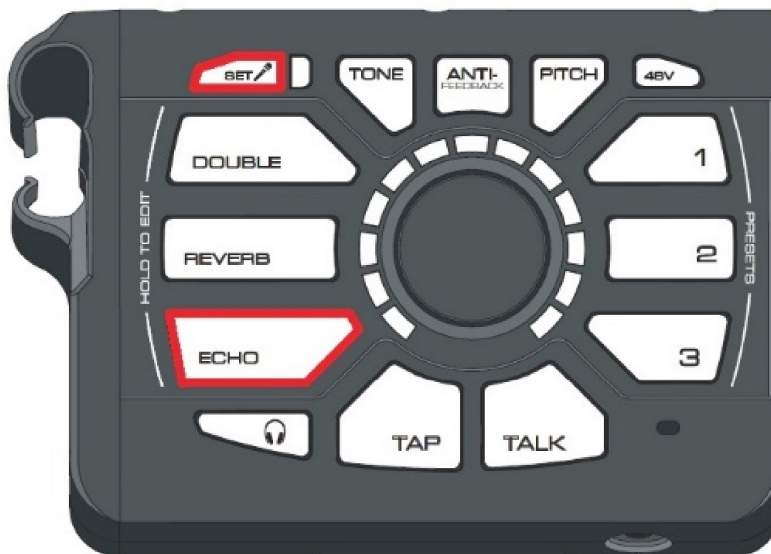
## Update Serial Flash

1. Hold down the "SET" and "Headphone" buttons and power up the Perform V, then use MIDI-OX to update the device.



## Update Internal Flash

1. Hold down the "SET" and "ECHO" buttons and power up the Perform V.



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