

V Expressions Ltd



Infinity Expansion Pack

a sound enhancing expansion pack for the Roland TD-50 Drum Module

[John 6:24](#)

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Introduction

Thank you for purchasing V Expressions Ltd's **Infinity** expansion for the TD-50!

Based on the extreme success of our "Professional" pack for the Pearl Mimic Pro, we've started from scratch with **Infinity**. Using industry-standard mixing techniques as our approach, we've achieved a brand-new level of realistic power to result in the best kits available to date for the TD-50!

Infinity's kits are designed with more power to bring the real feel of an actual acoustic in your presence. Kits offer extremely improved realism for nearly any situation or demand and are intended for everything from simple practice to professional gigging & recording. **Infinity** provides naturally dry, lightly produced, and even all the way to very heavily mastered metal kits for all your needs.

The best part of **Infinity** is the **brand-new ambience design platform**! This makes every kit's environment space **infinitely adjustable**! We've taken careful consideration with **Infinity** to offer a completely new platform that **produces a wider range of Ambience modification**. The ambience section is re-designed from the ground up for extremely fast modification of your environmental effects. This allows you to **take any kit from a dead booth all the way up to a large chamber with little effort**. With our pre-modeled room, reverb, and enhancement effects, you can **add Reverb and Enhancement as desired to our default room modeling**! With just a few small adjustments, you can now **take environmental Ambience of a kit to all new dimensions never offered before**. *(see the Tips & Tricks section in the manual for more info)*

Listening to customer's desires, **Infinity** brings the **far more realistic sound** TD-50 drummers have been asking for. **Infinity** meets these requests with more powerful, natural kits, with varying degrees of processing, and unlimited, controllable environmental ambience. **Infinity** kits provide this realistic dry-to-wet environmental space, while producing a **more cutting and true drum kit sound**. Simply put, **you can now have the feel of a powerful acoustic kit in your very presence**, and in any room environment you desire!

Infinity also provides turn-key extras, ready for your custom creation. **Four alternative tom sets with 5 toms each**, and **four alternative bass drums**, are ready for your own personal customization and creation via copy into any kit.

Cymbal modeling across the kits on this expansion are modeled to reflect brighter commonly used **Zildjian A Customs**. Tunings may vary slightly across kits to achieve the kit's overall intended voice. **Three alternative Zildjian K cymbal dark cymbal sets in three different mix variations ready for copying to any kit**. *(the K crashes are awesome!)*

Infinity is completely and newly designed for truly realistic acoustics in various production states and spaces, and to fit in numerous music spaces and situations. If you desire a vast offering of professional mixed acoustics in various levels of production that you can consider your own, **Infinity** is for you.

Infinite Options:

New in Infinity! We've taken careful consideration with **Infinity** to offer a completely new platform that produces a wider range of Ambience modification. **Infinity** is designed from the ground up for extremely faster editing of your environmental effects. With just a few clicks and turns, you can now take environmental Ambience of a kit to all new dimensions.

With all manual faders set to 0dB, you will experience our "default" mix for each kit. The "default" version will be noted by its name and description here in the manual. For most kits, Room Ambience is turned on alone for the most realistic result.

With the Ambience slider, you can now increase up to 6dB, or decrease infinitely, to control your room environment. This results in quickly choosing whether your kit is completely dry or exists in various room or chamber sizes.

Reverb and Enhance are also pre-modeled for fast and easy enabling and adjustment. If you desire reverb, simply turn it on! If you desire enhancement (*additional light brilliance*), simply turn it on!

Finally, while you're already in the Ambience tab, you can also continue to tweak the balance of your chosen enabled effects with the simple turn of their knobs. Here, you will have up to 6dB of headroom to play with!

Simply follow these steps to speed through these settings:

Step 1: Adjust the Ambience fader to default 0dB.

Step 2: Click the "Ambience" button a few times to reach the top of the Ambience tab.

Step 3: Enable/disable effects as desired. (*you may want to increase the fader to hear the differences better*)

Step 4: Simply use the turn knobs to fine tune your enabled effects' balance as desired.

That's it! With these simple and quick adjustments, you can now emulate your favorite kit in any environment from a small dead booth, to a large wet chamber, and a whole lot in between!

Volume: If you are using one of our previous expansions (Foundations/Studio X), you may desire to match **Infinity's** kit volumes to these previous expansions. To do so, follow these steps:

Step 1: Click the mixer button a few times to reach the Mixer's top page.

Step 2: Click the "Kit Volume" tab.

Step 3: Decrease the kit volume by 3-6dB. (*as desired*)

Creation: When creating new kits via the copy function, pay attention to "production" of each kit. It is better to start with the kit whose overall production you like most to copy into. Copy this preferred "production" kit to a new or blank bank. (*this is your "recipient" kit*) From there, copy in other desired components (*individual drums, cymbals, etc. from the "donor" kits*) with the "Inst/VEdit Only" contents only. By taking these steps, you can easily create new custom kits with your desired snare, toms, cymbals, etc. This process ensures the best results when creating new kits. (*page 32 of your Roland TD-50 Owner's Manual*)

Advanced: You can mix & match components as mentioned above into new kits, or exchange components between kits. While creating your own kits, you can keep or dump V-Edit, or Pad EQ/Comp settings as you desire. Based on your choices, you can retain a destination kit's production sound, bring a production sound with your copy from a donor kit, or even copy a production sound to another kit by using the copy feature for instruments, and choosing Pad EQ/Comp Only.

Performing: In live situations, it is suggested that the kits be played to the mixing console in stereo as they are modeled and then adding/reducing the desired effects to accommodate the current environment. We suggest creating a "sound check" pattern of your personal playing that utilizes as many of the components as possible for your sound engineer to use during sound check.

Thank you once again for purchasing the **Infinity** from V Expressions Ltd. We hope you enjoy it!

Infinity Kit Listing

Kit	Name	Sub Name	Description
<p>“ProCoustic Kits” (<i>Professional Acoustic Kits</i>) ProCoustic kits are designed to replicate naturally mic’d and mixed acoustics through high-quality console “channel-strip-mixing” only. This is to achieve a more natural and realistic “mixed” result. These kits will be enjoyed by those that appreciate having their “own” powerful acoustic sound. * **</p>			
1	ProCoustic Kit 1	Raw Body	Standard natural acoustic with nice rounded bodied toms.
2	ProCoustic Kit 2	Scooped Thick	Vibrant defined deep toms with a deeply scooped bass drum.
3	ProCoustic Kit 3	Deep Scoop	Deeply scooped bass drum, shallow toms with nice presence.
4	ProCoustic Kit 4	Round Body	Classic bass drum, deep classic toms, standard classic snare.
5	ProCoustic Kit 5	Tight Rimshot	Tight snare w/ rimshot enabled, deep toms & bass drum.
6	ProCoustic Kit 6	Tight No Rimshot	Similar to above, with rimshot removed for a thicker snare.
7	ProCoustic Kit 7	Defined Punch	Extremely defined & punchy toms & bass drum, tight amb snare.
8	ProCoustic Kit 8	Throaty McThroat	Thick snare w/ a very throaty overall mix, wide range mahogany toms.
9	ProCoustic Kit 9	Mac Throaster	Similar to above, tighter low end, thicker rich snare.
10	ProCoustic Kit X	Defined Punch	Alt punch kit w/ deep bass, moderately tight snare & bubinga toms.

“CmpCoustic Kits” (*Compressed Acoustic Kits*) CmpCoustic kits are designed to take ProCoustic kits to the next level of mixing with additional “buss compression”, for a more “pre-mastered” and realistic sound. These kits will be favorites for those that gig and enjoy making videos. * **

11	CmpCoustic Kit 1	Raw Body	Standard natural acoustic with nice rounded bodied toms.
12	CmpCoustic Kit 2	Scooped Thick	Vibrant defined deep toms with a deeply scooped bass drum.
13	CmpCoustic Kit 3	Deep Scoop	Deeply scooped bass drum, shallow toms with nice presence.
14	CmpCoustic Kit 4	Bright Round	Brightened classic bass drum, deep classic toms, standard classic snare.
15	CmpCoustic Kit 5	Warm Round	A compressed warmed version of the Round Body ProCoustic kit.
16	CmpCoustic Kit 6	Tight Rimshot	Tight snare w/ rimshot enabled, deep toms & bass drum.
17	CmpCoustic Kit 7	Defined Punch	Extremely defined & punchy toms & bass drum, tight ambient snare.
18	CmpCoustic Kit 8	Throaty McThroat	Thick snare w/ a very throaty overall mix, wide range mahogany toms.
19	CmpCoustic Kit 9	Mac Throaster	Similar to above, tighter low end, thicker rich snare.
20	CmpCoustic Kit X	Defined Punch	Alt punch kit w/ deep bass, moderately tight snare & bubinga toms.

“DryCoustic Kits” (*Dry Acoustic Kits*) DryCoustic kits are a separate collection of dry acoustics, lightly mixed to replicate a natural sound in a small or medium sized recording booth. * **

21	DryCoustic Kit 1	Deep Classic	Deep classic toms & bass drum, standard tight snare.
22	DryCoustic Kit 2	Vintage Poplar	Thin vintage poplar acoustic kit.
23	DryCoustic Kit 3	Round Pop	Defined rounded kit with a very poppy sound.
24	DryCoustic Kit 4	Classic Mahogany	Standard classic mahogany kit for thinner classic sound.
25	DryCoustic Kit 5	Vintage Deep	Standard deep vintage kit for classic everything.
26	DryCoustic Kit 6	Classic Dry 80’s	Classic 80’s kit in dry form.
27	DryCoustic Kit 7	High Pitch Maple	Standard classic high-tuned maple kit.
28	DryCoustic Kit 8	Vintage Lo-Fi	Naturally acoustic vintage kit with an added minor distortion attack.

***All kits carry our newly-mixed standard Ziljian A Custom modeled cymbal pack.** Some instruments are slightly modified (tuning/warmth) based on each kit’s intended goal. However, **you are provided with Alternate Zildjian K cymbal packs for all kits.** Want to use different cymbals from the Alt packs? Simply clone your kit, and copy in cymbals from bank 56, 57, or 58 as needed. (*the K crashes are awesome!*)

** See “Infinite Options” in the “Tips n’ Tricks” section for more details on the massive sound expansion options you have with these kits!

Continued on the next page.

Kit	Name	Sub Name	Description
“RawCoustic & VinCoustic Kits” (<i>Natural Environment Acoustic Kits</i>) RawCoustic and VinCoustic kits are modeled to reflect natural classic and vintage acoustics in a medium, yet controllable, booth/chamber environment, for a naturally “unmixed” result. * **			
29	RawCoustic 1	Raw Warm	Standard raw acoustic in a medium booth with warm tone.
30	RawCoustic 2	Bright Defined	Similar to above, with definition, deep bass drum and defined snare.
31	VinCoustic 1	Wet Classic	Classic kit in a larger wet, controllable, booth.
32	VinCoustic 2	Wet Vintage	Vintage version of above, with round high-pitched toms.
33	VinCoustic 3	Vintage BeeBop	Exactly what the name implies.
34	VinCoustic 4	Classic Deep	Very deep classic refined sound.

“Unclassified Kits” (*Various Unique Kits*) These kits are lightly mixed to replicate a natural sound in various booth and chamber sizes, for dead-to-live ambient playing with live acoustic music. * **

35	Dry Compress		Middle-of-the-road standard dry compressed acoustic kit.
36	Raw Compress		Thick wettened alternative of above, with deeper, fuller, bass & toms.
37	Raw Session		Lively classic session raw acoustic for classic soft rock to big band.
38	Simply Dry		The driest kit in the pack! No frills!
39	Simply Clear		This is the “alien” kit of the pack. Strangely round, usable, North toms!
40	Vintage Sess	Chamber Style	Refined EQ on a medium chambered vintage kit, & a cool bass drum.

“Crushed & Metal Kits” (*Super Compressed Kits*) The “heaviest of the bunch”, these kits are designed to slide right in with metal. Unlike previous expansions, these kits are designed to mimic a more powerful real kit, rather than “sound like a thin recording”.

41	Crushed One	Full Body	Medium compressed kit with the best bass drum in the pack.
42	Crushed Two	Mellow Body	Similar to above w/ mellow EQ & alternate bass drum.
43	Metal Dry	Full Body Dry	Start feeling the cutting power as we progress in metal...
44	Metal Wet	Full Body Wet	Start feeling the dimension!
45	Metal Comp	Comp Toms	Start feeling the compression!
46	Metal Comp	High Pitch	Start feeling the crank!
47	Metal Comp	Mellow Pitch	Okay, stop and feel the warmth for a moment.
48	Metal Hard	Massive Comp	End of the road with an “Untethered Angel” sound.

The Oddballs...

49	Dr Funk		Super crazy tight funk kit.
50	Mc Punchy	Deaf Shepard	Classic 80’s Leppard sound, with phased cowbell! (<i>CB on TR2</i>)
51	Very Round		Just an extra kit... trash it if you hate it. :D

The Extras... These toms, basses, and cymbal packs are designed for easy copying to kits as described. Remember to clone the recipient kit and try with & without different settings for unique results.

52	Round Toms	Oak	5 round oak toms with 1 alternate bass drum
53	Warm Toms	Birch	5 warm birch toms with 1 alternate bass drum
54	Classic Toms	Mahogany	5 classic mahogany toms with 1 alternate bass drum
55	Vintage Toms	Maple	5 vintage maple toms with 1 alternate bass drum
56	Pro Cym Alt	Alternate Zildjian K cymbal pack for “Pro” & “Cmb” kits. (<i>and similar</i>)	
57	Dry Cym Alt	Alternate Zildjian K cymbal pack for all “Dry” kits. (<i>and similar</i>)	
58	Vin Cym Alt	Alternate Zildjian K cymbal pack for all “Vin” kits. (<i>and similar</i>)	

READ ALL OF THE FOLLOWING BEFORE CONTINUING!

BACKUP YOUR CURRENT SETTINGS BEFORE BEGINNING!!

Please take a moment to read all our procedures below before attempting them.

Your default reset information is never disturbed, and the “factory” version of the TD-50 can be reset at any time to return to your default purchased starting point. If you have questions before attempting any of the procedures below, please refer to your TD-50 owner’s manual or email your expansion designer. *(see the last section in this manual)*

Note: To load **Infinity** from V Expressions Ltd successfully to your TD-50, your SD Card must have the proper file structure. **Making a BACKUP of your current settings** (Section III below) **or formatting your UNUSED SD Card in the module** (Section II below), **will create the file structure needed. Choose wisely.**

Section I: Preparing your downloaded VEX file

Make a backup of your download for safe keeping before you begin! *(copy to HDD, USB, SD, etc.)*

Step 1: Create a new folder on your desktop named “VEX Infinity”.

Step 2: Double-click your downloaded zip on PC or Mac to open it.

Step 3: Drag the contents inside the downloaded zip to your new folder “VEX Infinity”.

Step 4: Re-number our backup TD0 file as desired for number location placement.

You may rename our backup file any number you wish (001-099). However, the file name must remain in the original Roland format: (BKUP-###.TD0). The module WILL NOT read anything different.

Step 5: Make a backup of your updated “VEX Infinity” folder.

Step 6: Continue with section II or III below as needed.

Section II: Formatting an SD Card in the TD-50

page 41 in your TD-50 manual

ONLY DO THIS IF YOU HAVE NOT USED YOUR SD CARD YET. FORMATTING WILL ERASE ANY PREVIOUS BACKUPS YOU’VE ALREADY CREATED!

Press the “KIT” button at any time to cancel the process.

Step 1: Insert an SD card into the TD-50.

Step 2: Press the [SD CARD] button.

Step 3: Press the PAGE [DOWN] button to access page 3 (SD CARD UTILITY).

Step 4: Press the [F3] (FORMAT) button.

Step 5: Press the [F5] (FORMAT) button.

Step 6: Select “OK” and press the [ENTER] button.

Note: Never turn off the power or remove the SD card while formatting is in progress.

Press the "KIT" button at any time to cancel the process.

Step 1: Insert an SD card into the TD-50.

Step 2: Press the [SD CARD] button.

Step 3: Press the PAGE [UP] button to access page 1 (SD CARD BACKUP ALL).

Step 4: Press the [F1] (SAVE) button.

Step 5: Choose Backup Settings.

Step 6: Press the [F5] (SAVE) button.

Step 7: Press the [F5] (EXECUTE) button.

Step 8: Select "OK" and press the [ENTER] button.

Section III: Saving Your Backup to the SD Card

Ensure the expansion number is unique from any backup number already on your SD card in the "Roland > TD-50 > Backup" folder. Any backup of the same number in this folder **WILL BE OVERWRITTEN!**

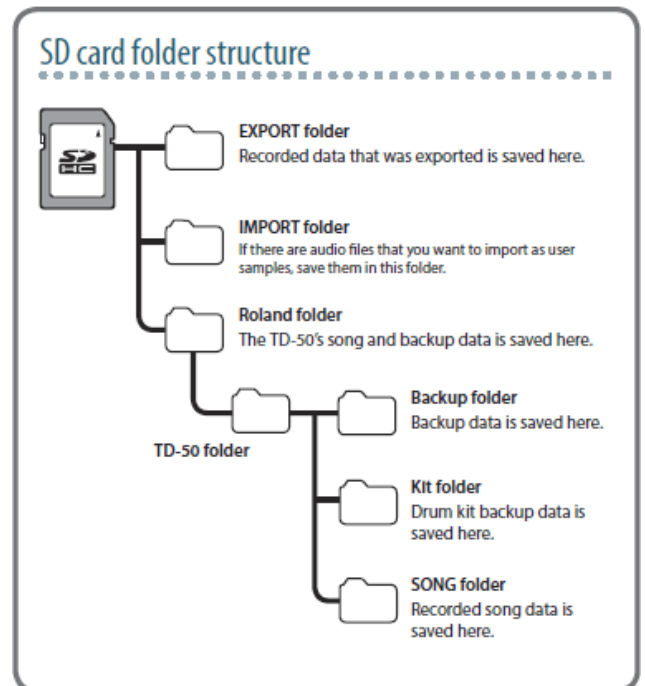
Step 1: Insert your SD Card into your computer's reader.

Step 2: Open the Roland>TD-50>Backup folder.

Step 3: Drag your new backup to the Backup folder.

Step 4: Verify the backup is INSIDE the BACKUP folder.

Step 5: Eject and or remove the SD Card.



Section IV: Loading Backup Data from an SD Card

Option A: Load Entire Backup from an SD Card

page 39 in your TD-50 manual

Press the "KIT" button at any time to cancel the process.

Step 1: Insert an SD card into the TD-50

Step 2: Press the [SD CARD] button.

Step 3: Press the PAGE [UP] button to access page 1 (SD CARD BACKUP ALL).

Step 4: Press the [F2] (LOAD) button.

Step 5: Choose loading settings.

Step 6: Press the [F5] (LOAD) button.

Step 7: Select "OK" and press the [ENTER] button.

Option B: Loading Kit Backup Data from an SD Card

page 40 in your TD-50 manual

Note: We do not provide individual kits with your expansion. You will need to save individual kits out you wish to copy into additional backups.

Step 1: Insert an SD card into the TD-50

Step 2: Press the [SD CARD] button.

Step 3: Press the PAGE [UP] [DOWN] button to access page 2 (SD CARD BACKUP 1KIT).

Step 4: Press the [F2] (1KIT LOAD) button.

Step 5: Choose loading settings.

Step 6: Press the [F5] (LOAD) button.

Step 7: Select "OK" and press the [ENTER] button.

Repeat this process for each kit you want to load individually.

Section V: Initial Settings of your VEX expansion

Pad levels: This expansion loads as a default 30 setup with 50 Digital Pack. Aux varies. Following installation, update pad setup to match YOUR setup, and re-save the backup.

Snare Head/Rim levels: The snare drum levels are designed for seasoned players who use rimshots regularly. Adjust for your personal technique.

Slider & Ambience levels: Set all sliders even at first. 100% is ideal. Adjust as needed.

Additional mixing: This expansion is intended to require minor adjustments as needed. Expect to use both sliders and internal mixing to instrument levels with your bands, songs, etc. Remember! You can easily copy cymbal sets to any kit for faster adjustment. Cymbal packs are where additional rides, splashes, and crashes can be found!

Troubleshooting

If you are having problems with your pads not responding normally, your rim features have been shut off, or seem quiet or muffled with low dynamics, check the following:

1. **ENSURE YOUR TRIGGER SETTINGS MATCH YOUR PADS EXACTLY!**
2. **Hi-Hat** not performing properly: Ensure trigger type selection & re-establish offset parameters.
3. **Ride** has no bell sound: Ensure trigger type selection and or check & switch cables.
4. **Snare** not performing properly: Ensure trigger type selection. Adjust rim gain as needed. This can be based solely on personal preference and pad type.

Due to deeper modeling we perform, you could experience time/pitch issues with loaded **user samples**. Under advanced, be sure to check that "Pitch" & "Pitch Sweep" are set to zero, and "Decay" is set to 100.

Contact & Support

If you have questions before attempting any of the above procedures, please refer to your TD-50 owner's manual or email V Expressions Ltd from our website at www.vexpressionsLtd.com.

Contact Information:

Expansion Pack	Programmer	Contact
Infinity	Alan Miller	email: alanmiller068@gmail.com