



# ZOURMAN DRUMS GUIDE for ROLAND™ VH-11 and 2BOX™ DRUMIT THREE MODULE

We'd first like to take a moment and congratulate you for purchasing a 2box DrumIt Three.

The 2box module has become popular among e-drummers, mostly for its real samples and open-source approach. And while the new "Three" module is compatible with triggers from other manufacturers, users still needs some guidelines setting up the hi-hats and three zone rides cymbals. This product guide from Zourman Drums will enable 2box owners to easier navigate through the settings – particularly the popular Roland range.

For DrumIt Five users our conversion modules still combines the best of both worlds: the Roland & ATV Hi-hats and three zones rides together with the 2box module.

In the factory sounds shipped with DrumIt Three - you can now found one flavour of Zourman Drums 1920s Black Beauty 3 zone snare sample! You can buy and download the rest of this snare samples at [www.zourman.com](http://www.zourman.com).

Happy Drumming

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## GENERAL 2BOX MODULE NOTES.

Always upgrade to the latest 2box firmware/OS for 2box. [Three 1.32.0] before entering any setup process to avoid strange behaviour and also utilize the latest functionality. The current firmware can always be found 2box.se website. If you face problems, a common recommendation is to start with a fresh DrumIt.dkt file. It can be downloaded [here](#) – and don't forget to backup your existing file on the module.

## SETTINGS FOR ROLAND VH-11

### Before doing the calibration process on 2box DrumIt Three

- A good starting point is by rotating the clutch screw on the VH-11 hi-hat from its 100% fully closed position to about two turns (720 degrees) towards open.
- Release and let the Hi-Hat clutch fall down on the Hi-Hat controller by its own weight.

TYPE	XTALK	LEVEL	T
HiHat	Med		R
GAIN	THRES	CURVE	I
0	-44	Norm	G

### 2box DrumIt Three Calibration

- Set HTYP to DEF on the HCAL PAGE
- Adjust the RAW value when the hi-hat is in the closed & own weight position to about 850 by using a screwdriver to change the setting of the recessed screw (HH Cal) on the module's back panel. (Recommendation is about 800-850 for VH-11)
- Press calib button two times slowly.  
This will start the calib process and then set the closed position value.
- Secure the Hi-Hat clutch at a comfortable height for playing.  
(I would say 1-1.5 cm gap from closed to open)
- Press the calib button to finish and store the open position.
- Adjust the GAIN on the TRIG Page. When hitting hard you should just get 0 db on level max. The VH-11 is almost a bit "hot" even if setting GAIN to 0.

CALIB	RAW	LEVEL	H
R-	850		C
HTYP	POFF	PFACT	A
DEF	23712	69	L

HHPOS	Sens	CURVE	H
Off	-5	Ne92	S
			E
			T

### After calibration process

- To make the hi-hat to get a more smooth and longer halfopen etc...rotate the VH-11 clutch screw towards "open" about a quarter to a half turn.
- *I have found that a quarter turn towards close (from the default position mentioned above) makes the best results to make it more sharp, exact and fast!*
- Adjust the HSET pages according to my pictures. The pedal chick is very sharp and very high according to rest of the sounds using the default settings - my suggestion is to bring Sens and Curve down according to the picture of HSET page.
- I have also found that by adjusting PFACT (which handles closed hh, foot chick & foot splash) about -5 steps from the calibrated value and will give a bit smoother hi-hat operation as result.
- No need to change the POFF value (The value when the hi-hat is in open position) is the highest value in the calibration range)
- Ready!

### Videoguide of the calibration process:

<https://youtu.be/xpxzzEuJopg>

### More info

<http://www.zourman.com>

<http://www.2box.se>

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