# hodlr one titanium

24 words numerical













# STICK TO THE PROTOCOL

it is essential to follow the following steps carefully to reach the full potential of your HODLR.

do not use any other tools than those included in this box.



# DEDICATE TIME

schedule a dedicated time of approximately 1/2 hour to prepare your HODLR.



# STAY PRIVATE

make sure that no human and camera have visual line-of-sight to your workspace.

do not read your seed words out loud.

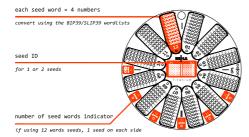


### LEAVE NO TRACE

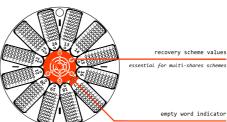
make sure you have a lighter or matches at hand.

destroy your recovery scheme sheet at the end of this protocol.

### FRONT







mark if a word is not being used

# 1.pre-mark

use the recovery scheme sheet



> write down each of your seed words following the words order on your RECOVERY SCHEME SHEET.

this protocol shows the engraving of a 12 words seed on a HODLR ONE. the process for other seed lengths is similar.

BIP39/SLIP39 standard wordlists are immutable industry standards, they never change over time.

it will always be safe to recover your hardware or software wallet this way.

RECOVERY SCHEME SHEET USE



# B. convert words to numbers

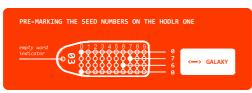
use the BIP39/SLIP39 wordlists

0001 - 0100 SIP39				
0001 abandon	0021 action	0041 agree	0061 always	0081 anxiety
0002 ability	0022 actor	0042 shead	0062 amateur	0082 anv
0003 able	0023 actress	0043 aim	0063 amazing	0083 apart
0004 about	0024 actual	0044 air	0064 among	0084 apology
0005 above	0025 adapt	0045 airport	0065 amount	0085 appear
0006 absent	0026 add	0046 aiste	0066 amused	0086 apple
0007 absorb	0027 addict	0047 alarm	0067 analyst	0087 approve
0008 abstract	0028 address	0048 album	0068 anchor	17gs 8800
0009 absurd	0029 adjust	0049 alcohol	0069 ancient	0089 arch
0010 abuse	0030 admit	0050 alert	0070 anger	0090 arctic
0011 access	0031 adult	0051 allen	0071 and e	0091 area

- > convert the words to numbers using the appropriate BIP39 or SLIP39 wordlist.
- > write down each number below its seed word.

use the permanent marker

> each horizontal row is marked once, by one number only. a total of four numbers identifies the seed word.



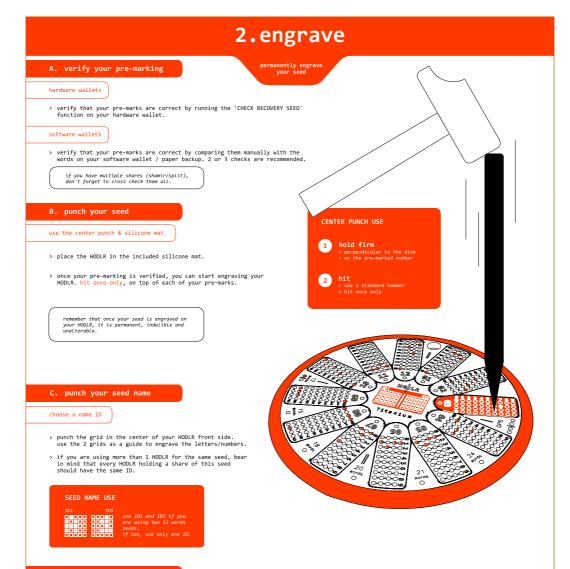


mark the number of words that compose your seed.



if you are using two 12 words seeds, mark both of the dots next to '12 words', one for each seed engraved.

mistakes: use alcohol to erase the marker.



# D. punch your recovery scheme

use your recovery scheme sheet

- $\rightarrow$  refer to the RECOVERY SCHEME SHEET to read the SHARE / OF / THRESHOLD values.
- $\Rightarrow$  punch the S / O / T corresponding numbers onto the back of your HODLR.

### SHARE-OF-THRESHOLD USE



**OF** total number of shares that compose the seed.

THRESHOLD minimum number of shares to recover the seed.

# 3.store

# A. seal your HODLR

> apply 2 tamper-evident seals on both sides of your HODLR.

## SECURITY SEAL STICKERS USE



# seal, store & hodl safe

stickers are void when removed. keep the other seals for future uses.

unique serial number

write your seed ID in the center area



don't throw it in the garbage.



# KEEP IT PRIVATE

make your HODLR tamper evident with the included security seals.





### RESILIENCE

use multiple HODLRs to split your seed and achieve protection against loss and theft. (split/shamir)

store each HODLR in different locations.

learn more: hodlr.swiss/resilience