

Robosats Tutorial to Buy *bitcoin* Peer-to-Peer

by Keysa - October 2022

simplestbitcoinedu.com

Please note: Robots has had a few updates since 2022. Overall this guide should still be helpful. I plan to update it when I have some time. Visit learn.robosats.org/ for more info.

PREPARATION:



1. Download TOR browser from torproject.org
2. Set up a Lightning Wallet on your phone. Phoenix Wallet is recommended outside the US. Aqua is good in the US.
3. In addition, get Zeus or Blink as a back up, since at times, one or the other may not be successful at routing a payment.
4. Next step is to add sats to the wallet, as you will need to post a bond, in order to publish a Buy Order (this is to help prevent spam bots).
5. If you do not have any bitcoin yet, you can ask a bitcoiner friend to send you some sats, which you can return to them after the Buy Order is complete. Practice sending sats to your friend.
6. If you don't know anyone with bitcoin, check if there is an Azteco vendor in your area. Check www.azteco.co for locations.
7. Download and set up Cashapp on your phone, and connect a bank account. You can create a pseudonymous Cashtag and name, which is recommended to help maintain privacy.

Practice and Patience is key :)

- I recommend practicing by making your first trade (Buy Order) for a small amount, just to see how it all works.
- Try and get a friend to practice with you by taking your trade, and then have them create a Buy Order that you take.
- This way you both get the experience of creating and completing a trade, and can help each other if you get stuck.
- It becomes easier each time you go through the creation and completion of a bitcoin buy order on Robosats!

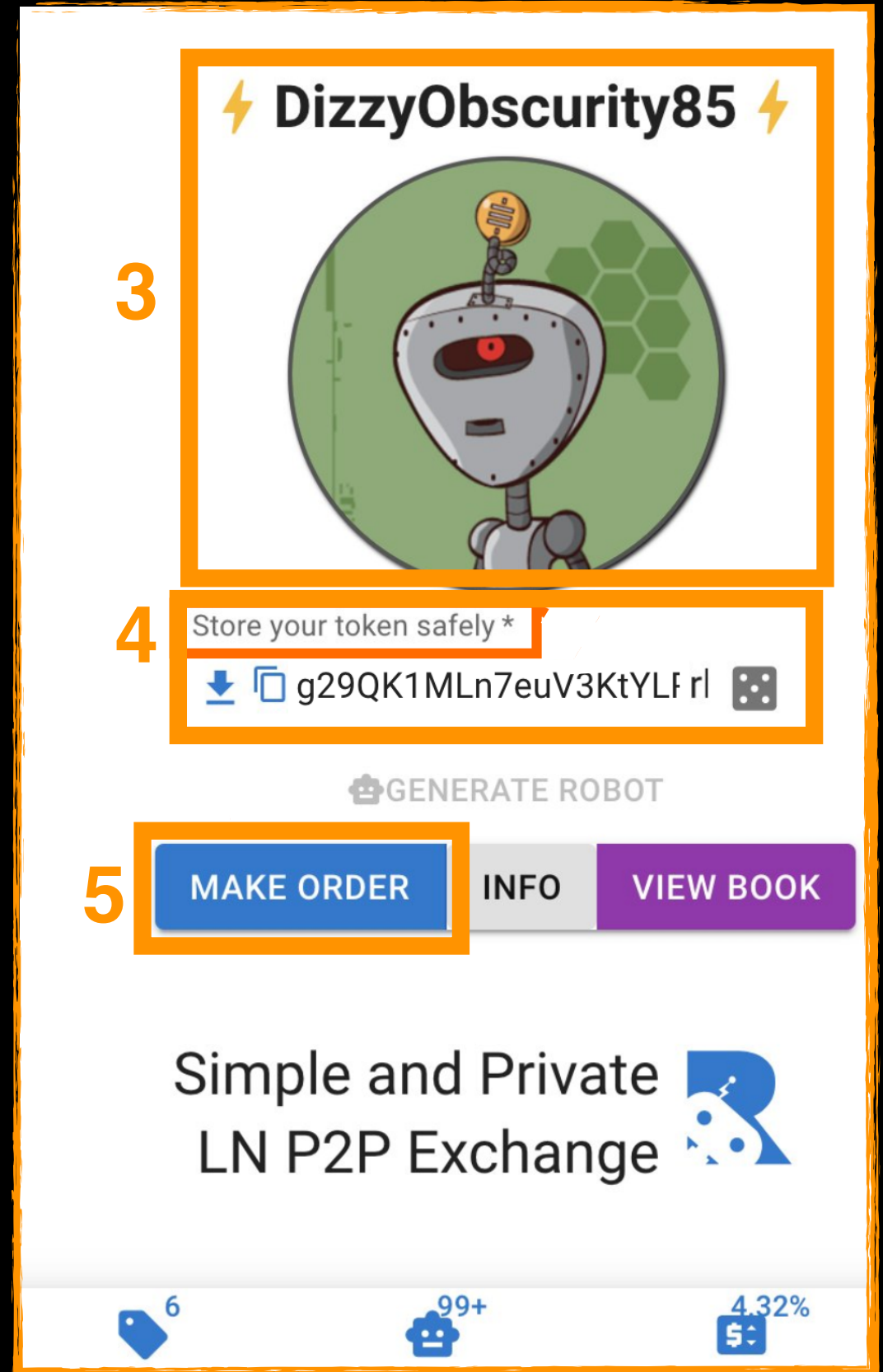
• If you get super stuck, DM me on Twitter, or tag @Robosats.

- **Remember** >> This is an emergent, grassroots, global, voluntary movement, powered by all of us, learning and improving it together!

1. Open TOR Browser.
2. Open <http://robosatsy56bwqn56qyadmckx767hnabg4mi hxlmgyt6if5gnuxvzad.onion/> in Tor.
3. A robot avatar will auto-generate.
4. Click  to copy your token, and paste it into your Notes.
5. Click 'Make Order'.

>> **Note:** The robot name, the avatar and the hexadecimal (letter/number) token address are three representations of the same thing, a unique key.

>> It can be reused for future trades, or you can generate a new one each time.



The screenshot displays the Simplest Bitcoin Edu interface. At the top, the username "DizzyObscurity85" is shown with lightning bolt icons. Below it is a circular avatar of a robot with a green background and hexagonal patterns. A large orange number "3" is to the left of the avatar. Below the avatar, a text box labeled "Store your token safely *" contains the token "g29QK1MLn7euV3KtYLF rl" and a download icon. A large orange number "4" is to the left of this text box. Below the token, there is a "GENERATE ROBOT" button. A large orange number "5" is to the left of a row of three buttons: "MAKE ORDER" (highlighted with an orange border), "INFO", and "VIEW BOOK". Below these buttons, the text "Simple and Private LN P2P Exchange" is displayed next to a logo. At the bottom, there are three icons: a blue tag with "6", a blue robot head with "99+", and a blue Bitcoin icon with "4.32%".

6. Click 'Buy'.
7. Enter the Amount of bitcoin you want to buy.
8. Enter the Currency you will pay in.
9. Click the 'Fiat Payment Method(s)' field.
10. Select your preferred payment method (scroll down for more options).
 - >> Cashapp allows you to create a pseudonymous hashtag and name, which greatly enhances privacy when paying.
 - >> Amazon Gift cards work well for privacy too.

The screenshot shows the Bitcoin Simplex app interface with the 'ORDER' tab selected. The interface includes a 'CUSTOMIZE' tab, a 'Buy or Sell Bitcoin?' section with 'Buy' and 'Sell' buttons, an 'Amount' input field, a currency selector set to 'USD', a 'Fiat Payment Method(s)' field, and a list of payment methods including Revolut, CashApp, Zelle, Strike, WeChat Pay, and Rebellion. A 'BACK' button is at the bottom. The bottom status bar shows a Bitcoin icon with '6', a CashApp icon with '99+', and a price tag with '4.32%'.

6. Click 'Buy'.

7. Enter the Amount of bitcoin you want to buy.

8. Enter the Currency you will pay in.

9. Click the 'Fiat Payment Method(s)' field.

10. Select your preferred payment method (scroll down for more options).

- 11.** This shows the payment method chosen. You can choose more than one method if you like.
- 12.** Select 'Relative' (moves with the bitcoin price) or 'Explicit' (sets a price) for the premium you are willing to pay.
- 13.** Select a Premium over the market price that you are willing to pay, generally 2-10%
>> You can enter 0%, but your order is unlikely to get taken, as sellers will choose a buyer willing to pay a higher premium.
- 13a.** Either: Click Create Order
- 14.** Or: Click Customize at top right for more options (recommended)

The screenshot shows the 'CUSTOMIZE' screen of the Bitcoin Simplex app. At the top, there are two tabs: 'ORDER' and 'CUSTOMIZE', with 'CUSTOMIZE' being the active tab. The screen is annotated with orange boxes and numbers 11 through 14. Annotation 11 points to the 'CashApp x' payment method. Annotation 12 points to the 'Relative' pricing method. Annotation 13 points to the 'Premium over Market (%)' input field, which contains the value '3'. Annotation 13a points to the 'CREATE ORDER' button. Annotation 14 points to the 'CUSTOMIZE' tab. Below the 'CREATE ORDER' button, a summary line reads 'Create a BTC buy order for 25 USD at a 3% premium'. At the bottom of the screen, there is a purple 'BACK' button. The bottom navigation bar shows a balance of 6, 99+ notifications, and a 4.32% fee rate.

ORDER CUSTOMIZE 14

Buy or Sell Bitcoin?

Buy Sell

Amount * 25 USD

Fiat Payment Method(s)

11 CashApp x

Choose a Pricing Method

12 Relative Explicit

13 Premium over Market (%) 3

Order current rate: 19,881 USD/BTC

13a CREATE ORDER

Create a BTC buy order for 25 USD at a 3% premium

BACK

6 99+ 4.32%

Everything on this slide is optional to adjust. You can just ignore it and move on, although I recommend reading it through first to decide.

15. Check box to enable a buy range.
16. Use slider to set the buy range.
17. Public Duration time: Set how long you want the order to be available.
18. Escrow Deposit time-out: Set how long to allow for escrow deposit (this is how long the seller has to post the bitcoin you are buying into the Robosats escrow account.)
19. Set the Bond Size.
>> This is the deposit you will post to list the order. It is returned to you once the order is complete. It helps prevent spam.
20. Click Create Order.

The screenshot shows the 'CUSTOMIZE' tab of an order form. It includes a buy range slider (4.4 to 780 USD), expiry timers for public duration (23:59) and escrow deposit time-out (08:00), a fidelity bond size slider (2% to 15%), and an 'Allow bondless takers' checkbox. A 'CREATE ORDER' button is at the bottom, with a summary line: 'Create a BTC buy order for 8.3-35 USD at a 3% premium'. Navigation icons for 'ORDER' and 'BACK' are also visible.

14 CUSTOMIZE

15 ☒ From 8.3 to 35 USD

16 4.4 USD 780 USD

17 Expiry Timers

18 Public Duration (HH:mm) 23:59

18 Escrow Deposit Time-Out (HH:mm) 08:00

19 Fidelity Bond Size

2% 5% 10% 15%

☐ Allow bondless takers

20 CREATE ORDER

Create a BTC buy order for 8.3-35 USD at a 3% premium

BACK

REMINDERS:

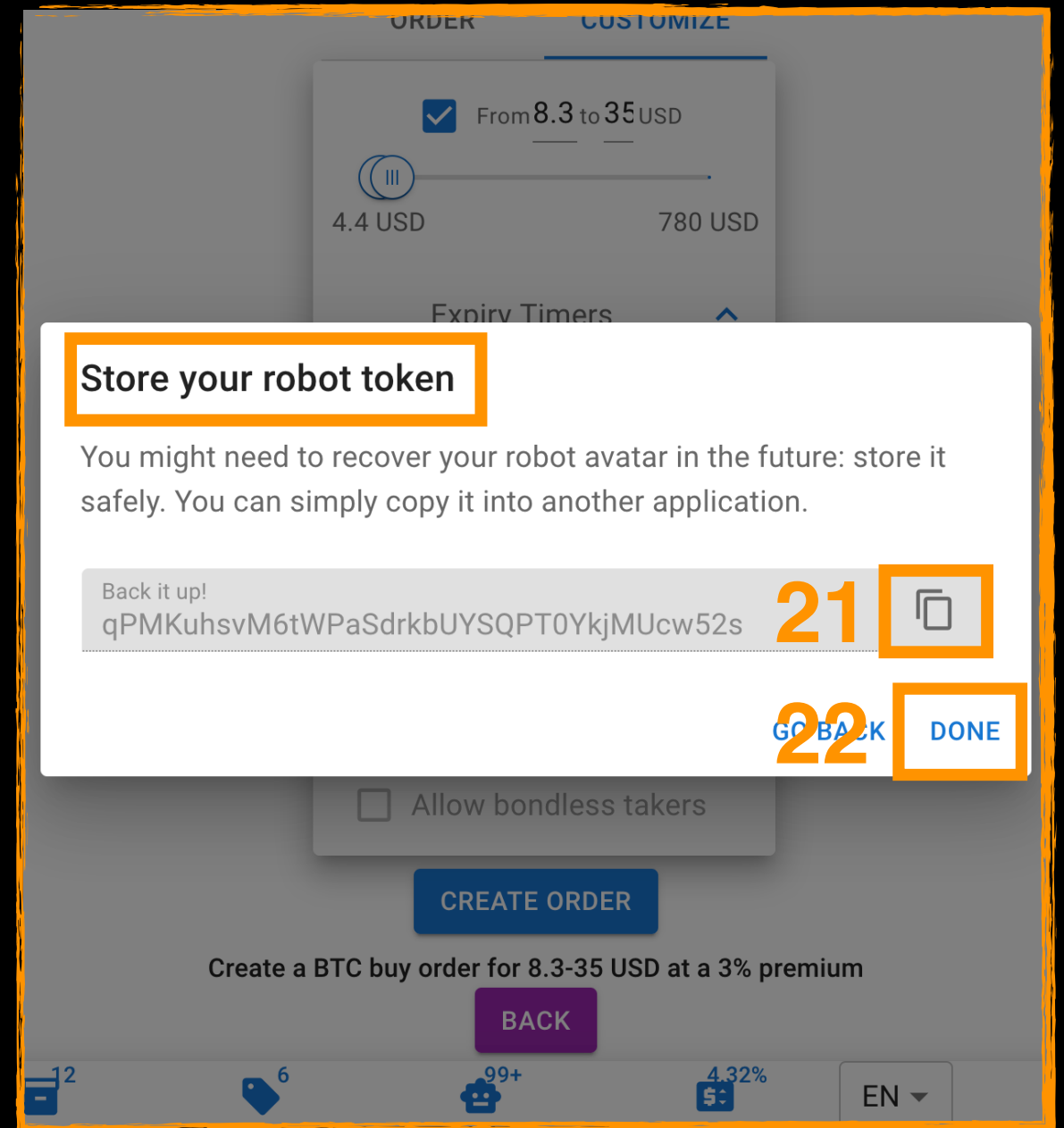
- Once you create a Buy Order, you need to pay attention, and **check your computer every now and then.**
- If you don't, and someone takes your order and you don't follow through, **you will lose your bond sats.**
- **It can take time to complete an order** all the way through, since the seller may be in a different time zone.
- Taking this all into account, it is best to set up an order early in the day.

21. If you didn't already, **BE SURE** to **copy and store your robot token** (it is fine to save in Notes on your computer).

>> You need the token to retrieve your robot and get back to your trade if the page times out, or your computer battery runs out,.

>> If someone takes the trade and you are not able to respond, you will lose your bond deposit.

22. Click 'Done'

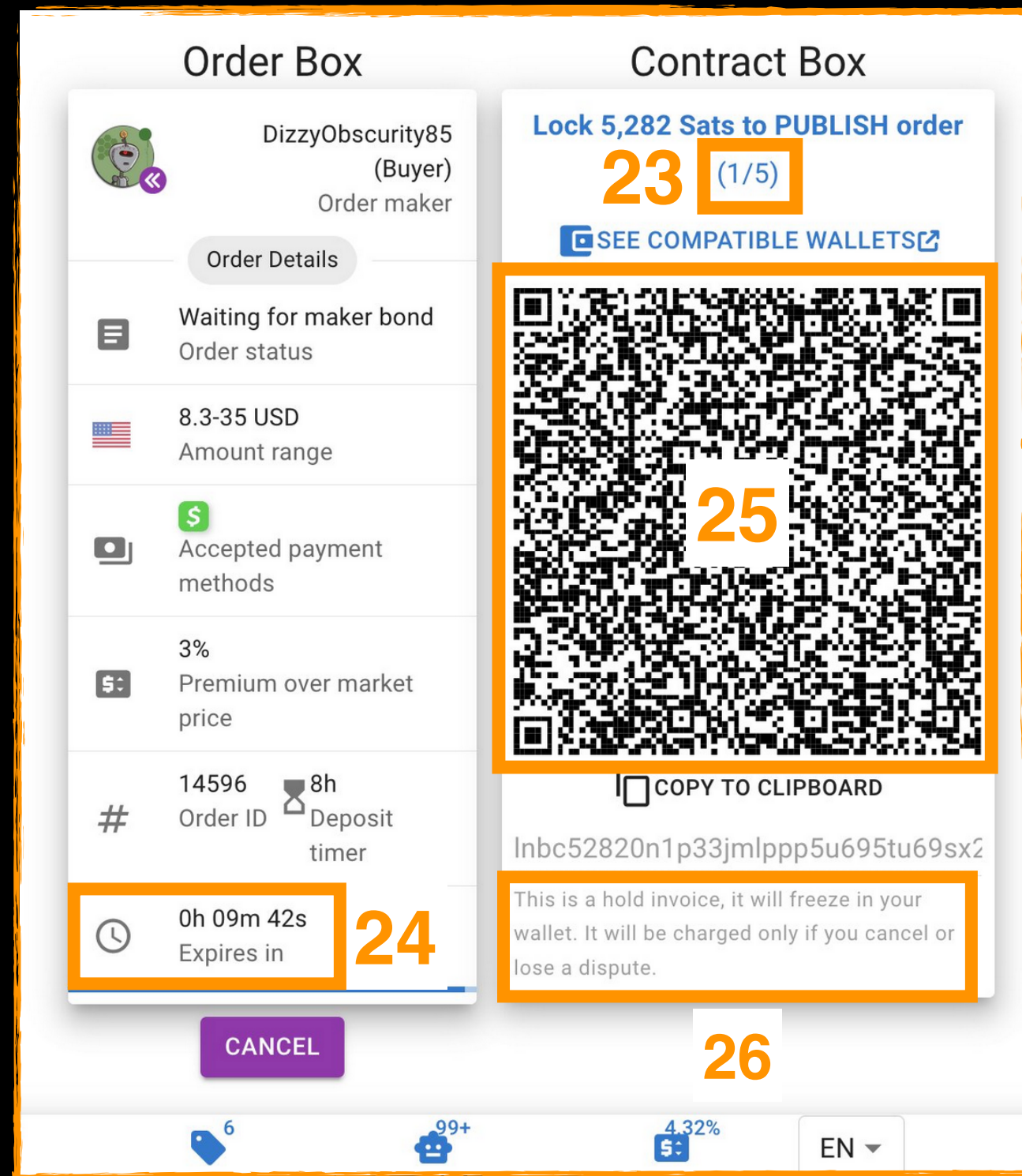


23. Once you click 'Done' on the previous window, the following pops up, saying 1/5.

24. Expiry Note >> Check this box to see how many minutes you have to post the bond deposit, usually less than 10 mins.

25. Use any Lightning wallet to **scan the QR code** and lock the bond sats, in order to publish the trade. Once it is paid, **a bell will ring** and **a message will appear** saying 'Your order is public'.

>> Don't worry if you see 'payment failed' in the Lightning wallet. This is because the payment is technically on hold, and gets returned to you once the trade is complete.

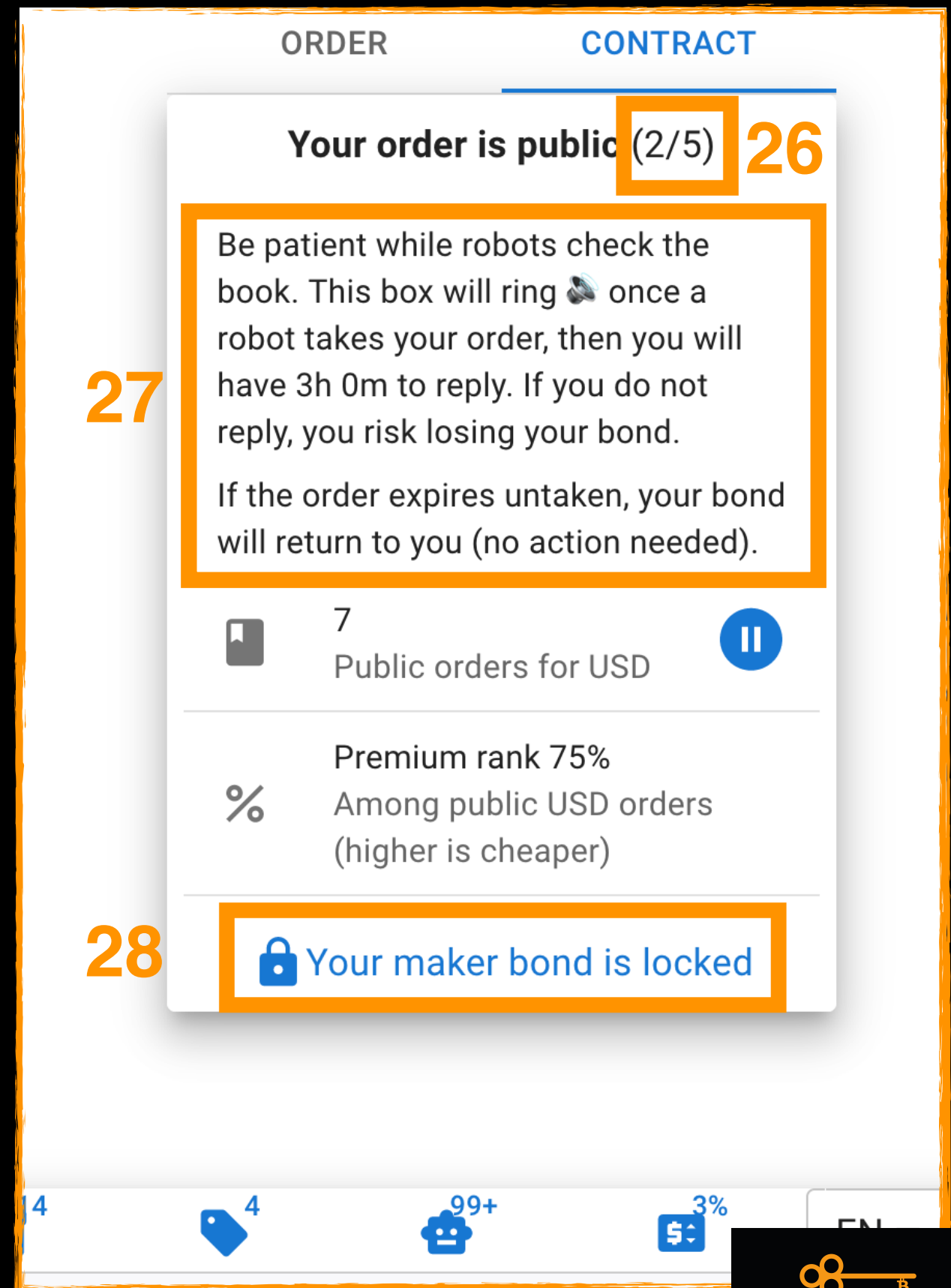


26. You will receive the bond sats back once the trade is complete, or if it doesn't get taken within the time frame you set.

26. Once your bond sats are locked, this box will appear, **2/5**, letting you know **your order is now public**.

27. Read this note.

28. At the bottom it confirms your maker bond is locked.



29

You have an active order



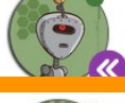
30






EN ▾



Robot	Is	Amount	Currency	Payment Method	Price	Premium
 CrankyArchitect475	Buyer	25-100	GBP 		18,167 4/BTC	8%
 EntirePool422	Buyer	200	AUD 		30,172 5/BTC	5%
 ScholarlyIodine765	Buyer	25	USD 		21,288 1/BTC	10%
 DizzyObscurity85	Buyer	8.3-35	USD 		19,933 1/BTC	3%
 AnemicCustody837	Buyer	50	EUR 		19,953 2/BTC	3%
 IronSerpent841	Buyer	50	EUR 		19,372 2/BTC	0%

Orders per page: 6 ▾ 1-6 of 14 < >

MAKE ORDER

CHART

BACK

29. When you have an active order, there is a blue dot by the little robot head in the bottom left corner. Click on that little head to see the details of your Buy Order in a pop up window

30. Click here to see your order in the list above.

31. Once you hear the (loud) bell, signifying someone has taken your order, box 3/5 appears.

32. You will be asked to **submit a payout invoice**.

33. Select the 'Lightning' option for the **payout invoice** >> This is where you will receive your bitcoin.

34. **Blue Wallet works**, or click the link to check other compatible wallets.

> Go to your Lightning wallet

> Click **Receive**

> Enter the **# of sats** shown in Box 31

> Click **Create Invoice**

> **Copy** the Lightning address.

35. **Paste** the Lightning address in Box 35.

36. Click **Submit**

37. NOTE: If for any reason you decide to back out, click **Collaborative Cancel** to ask your trade partner to cancel, and get your bond deposit back.

The screenshot displays the Simplest Bitcoin Edu interface, divided into two main sections: the Order Box on the left and the Contract Box on the right.

Order Box:

- 31:** DizzyObscurity85 (Buyer) Order maker
- 32:** FoolishNudism236 (Seller) Order taker
- 33:** Order Details: Waiting only for buyer invoice, Order status
- 34:** 20 USD Amount
- 35:** Accepted payment methods
- 36:** 3% Premium over market price
- 37:** 14596 Order ID, 8h Deposit timer
- 38:** 7h 54m 43s Expires in
- 39:** COLLABORATIVE CANCEL

Contract Box:

- 40:** Submit payout info for 100,922 Sats
- 41:** 31 (3/5)
- 42:** 32
- 43:** Before letting you send 20 USD, we want to make sure you are able to receive the BTC.
- 44:** 33 ⚡ LIGHTNING ONCHAIN
- 45:** Submit a valid invoice for 100,922 Satoshis.
- 46:** SEE COMPATIBLE WALLETS
- 47:** 34
- 48:** Payout Lightning Invoice *
- 49:** 35
- 50:** 36 SUBMIT
- 51:** Your maker bond is locked

Note: If you leave your computer, **be sure to check it** within the expiry time you set.

38. Once the seller posts the bitcoin they are selling into escrow, **another loud bell will ring**, and box **4/5** appears.

39. It will show that you are 'connected', and the status of your Peer.

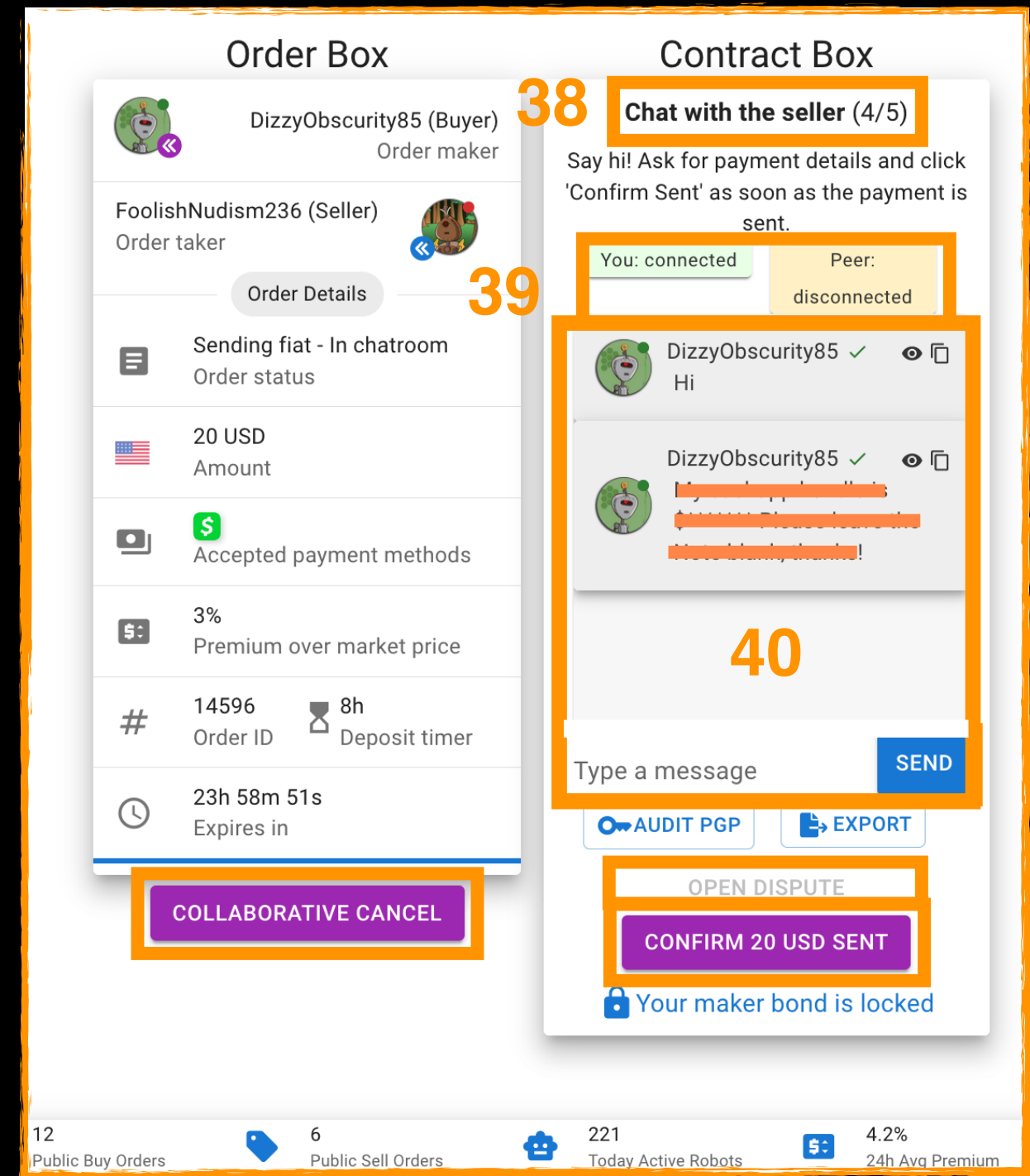
>> **Note:** It can take time for your peer to come back online, as they could be in a different time zone.

40. Once you are both connected, you can message each other in the **encrypted chat box**.

>> **Ask for their Cashtag.** You can say thanks for trading, but keep communication limited and don't divulge any personal info.

>> Once you enter their Cashtag in your Cashapp, **message them to confirm the name is correct!**

>> Be sure to **leave the 'For' note blank.**



Continued on next slide...

41. Let them know when you sent the \$ and then click 'Confirm Sent'.

>> The Chat box will disappear.

>> Once you click Confirm Sent, the seller will click Confirm Received on their end, and you will receive your sats. They usually come within seconds.

42. If you don't receive them after 12 hours, you can open a dispute, and once you prove you sent payment, the sats will be released to you.

>> It is exceedingly rare that there is a dispute.

43. Before you submit payment, you again have the option to request a Collaborative Cancel & receive your bond sats back.

The screenshot displays the Simplest Bitcoin Edu interface, divided into two main sections: the Order Box on the left and the Contract Box on the right.

Order Box: This section shows the details of an order made by 'DizzyObscurity85 (Buyer)' and taken by 'FoolishNudism236 (Seller)'. It includes an 'Order Details' tab, a status of 'Sending fiat - In chatroom', an amount of '20 USD', and 'Accepted payment methods'. It also shows a '3% Premium over market price', an 'Order ID' of '14596', an '8h Deposit timer', and an expiration time of '23h 58m 51s'. At the bottom of the Order Box, there is a purple button labeled 'COLLABORATIVE CANCEL' (annotated with '43').

Contract Box: This section shows the chat interface with the seller. It has a title 'Chat with the seller (4/5)' and a message: 'Say hi! Ask for payment details and click 'Confirm Sent' as soon as the payment is sent.' Below this, there is a status bar showing 'You: connected' and 'Peer: disconnected'. The chat history shows a message from 'DizzyObscurity85' saying 'Hi'. At the bottom of the Contract Box, there is a text input field with 'Sent! Thx for trading!' and a blue 'SEND' button (annotated with '41'). Below the input field, there are two buttons: 'AUDIT PGP' and 'EXPORT'. At the very bottom of the Contract Box, there is a purple button labeled 'CONFIRM 20 USD SENT' (annotated with '42') and a note 'Your maker bond is locked'.

Footer: The footer shows '12 Public Buy Orders', '6 Public Sell Orders', '221 Today Active Robots', and '4.2% 24h Avg Premium'.

Completion! Congratulations!

- 44. As soon as the trade is complete, this box appears.
- 45. The Contract Box will say 'Trade Finished!'
- 46. You can rate your experience from 1-5 stars
- 47. There are options to start a new Buy Order, or renew the one you just completed.
- 48. Trade Summary is shown here. Your Maker Bond will be unlocked automatically, and the bond sats returned to your wallet.

The screenshot displays the RoboSats interface with two main panels: the Order Box on the left and the Contract Box on the right. The Order Box shows details for a trade between DizzyObscurity85 (Buyer) and FoolishNudism236 (Seller). It includes a 'Successful trade' status, an amount of 20 USD, accepted payment methods, a 3% premium, and an order ID of 14596 with an 8-hour deposit timer. The Contract Box shows a 'Trade finished!' message, a 5-star rating, a thank you message, and buttons to 'START AGAIN' or 'RENEW ORDER'. Below these is a 'Trade Summary' section showing the trade details: 100,922 Sats BTC received, 25 Sats (0.025%) trade fee, and a 5,282 Sats (3%) Maker bond that is now 'Unlocked'. The bottom of the screen features a status bar with public buy and sell orders, active robots, and the 24-hour average premium.

Order Box

DizzyObscurity85 (Buyer)
Order maker

FoolishNudism236 (Seller)
Order taker

Order Details

Successful trade
Order status

20 USD
Amount

Accepted payment methods

3%
Premium over market price

14596
Order ID

8h
Deposit timer

Contract Box

Trade finished!

What do you think of RoboSats?

Thank you! RoboSats loves you too

RoboSats gets better with more liquidity and users. Tell a bitcoiner friend about Robosats!

START AGAIN

RENEW ORDER

Trade Summary

MAKER

TAKER

Buyer
User role

20 USD
Sent

100,922
Sats
BTC
received

25 Sats
(0.025%)
Trade fee

5,282 Sats (3%)
Maker bond

Unlocked

Public Buy Orders

7
Public Sell Orders

252
Today Active Robots

4.13%
24h Avg Premium

Note: On the rare occasion that the Lightning sats payment fails to route to your wallet, Robosats will ask for another payout invoice.

49. Create another invoice in your wallet and paste it here in box 49.

50. Click Submit, and your sats will be sent to the new invoice.

Order Box



(Buyer)

Order maker

F

5



(Seller)

Order taker

Order Details



Failed lightning network routing

Order status



Amount





Accepted payment methods



19,264 USD/BTC - Premium: 0%

Price and Premium

#

18984

Order ID



3h

Deposit timer

Contract Box

Lightning Routing Failed

Failure reason:

There are more routes to try, but the payment timeout was exceeded.

Your invoice has expired or more than 3 payment attempts have been made. Submit a new invoice.



SEE COMPATIBLE WALLETS

Submit an invoice for

Sats

Payout Lightning Invoice *

49

50

SUBMIT



Your maker bond was unlocked

Wallets Compatibility with Robosats

This is a non-exhaustive compilation based on past experience of users.
As of October 2022

Wallet	Version	Device	UX ¹	Bonds ²	Payout ³	Comp ⁴	Total ⁵
Blixt	v0.4.1						
Electrum	4.1.4						
LND	v0.14.2						
Core Lightning	v0.11.1						
Zeus	v0.6.0-rc3						
SBW	2.4.27						
Muun	47.3						
Intxbot	NA						
Blue	1.4.4						
WoS	1.15.0						
Phoenix	35-1.4.20						
Bitcoin Beach	v1.7.7						
Alby	v1.14.2						

Note: Blue Wallet
Lightning
Invoices work as
payout invoices
for the Buyer

I hope you enjoyed this tutorial!

Feel free to grab a **Free Download**,
or **buy a copy** of my book at:
thesimplestbitcoinbook.net

