$8.38

Connect wallet

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Swop.fi Guide

What is Swop.fi

Swop.fi is an Automated Market Maker (AMM) that lets users instantly exchange tokens without creating orders and waiting for their execution.

Swop.fi combines several types of liquidity pools. Each liquidity pool is implemented as a smart contract. The exchange rate is determined by algorithmic pricing and depends only on the amounts of tokens stored on the smart contract. Pools use different price calculation formulas that are most suitable for each specific token pair.

Swop.fi is based on the Waves blockchain. This ensures that transactions can be added to the blockchain in just a few seconds and the network fee for a smart contract invocation is only 0.005 WAVES.

The exchange fee is 0.3% of the exchange the SWOP-USDN pool and pay the governance reward for those who staked their SWOP tokens.

The project is open to liquidity providers: anyone can replenish the pool and earn fees and rewards in SWOP.

Connect Wallet

Swop.fi is based on the Waves blockchain and uses your Waves wallet (account). You do not need to create a separate account for Swop.fi. If you already have a Waves wallet, you can connect it in one of the following ways:

- Waves Exchange Email: the most convenient way to sign in.
- Waves Exchange Seed: sign in via the Waves.Exchange web app.
- Waves Keeper: sign in via the Waves Keeper browser extension.
- Ledger: sign in via Ledger Nano X or Ledger Nano S device.

If you don't have an account on the Waves blockchain yet, we recommend creating an email wallet. Unlike a seed wallet, you can use your email wallet in different browsers and on different devices without having to import it every time. See the instructions in the Waves.Exchange documentation.

Connect Waves Exchange Email Wallet

1. Click **Connect wallet**.
2. Select **Waves Exchange Email**.
3. Enter the email address and password that you provided when creating the account.
4. Click **Log In**.

Connect Waves Exchange Seed Wallet

Waves.Exchange stores a seed wallet in the local storage of the browser secured with a password. The password is applicable only in a certain browser on a certain device. We strongly encourage you to **back up your seed phrase** and store it in a safe place. If you lose your seed phrase, you will have no way to restore access to your account.

⚠ If you want to use Swop.fi **in a new browser**, first open the `waves.exchange`

To connect a seed wallet:

1. Click **Connect wallet**.
2. Select **Waves Exchange Seed**.
3. Enter your password.
4. Click **Log In**.

If you have any issues with the seed wallet, check out the FAQ on this topic.

⚠ **Be careful!** If there is no seed wallet in your browser, then Waves.Exchange prompts you to create a new wallet:

If you have created a wallet in this way and plan to use it, in particular, to transfer funds to it, open the `waves.exchange` website in the same browser, find the seed phrase in the account settings and write it down. Otherwise you risk losing access to this wallet and all the funds in it.

Connect Waves Keeper Wallet

Waves Keeper is only available on desktops. Install Waves Keeper using the link from the documentation, then create or import an account following the instructions. We strongly encourage you to **back up your seed phrase** and keep it in a safe place.

To connect a wallet:

Connect Ledger Wallet

Before you begin:

1. Set up your Ledger Nano device.
2. Install the latest version of Ledger Live.
3. Ensure your Ledger Nano device runs the latest firmware version: 1.3.0 for Nano X and 2.0.0 for Nano S.
4. Install or update the Waves app using Ledger Live. The app version must be at least 1.1.2 for Nano X and 1.1.4 for Nano S.

A Ledger wallet for Swop.fi is only supported in Chromium-based browsers such as Google Chrome or Brave.

To connect a wallet:

1. Connect and unlock your Ledger Nano device.
2. Find the Waves app on the device dashboard. Press both left and right buttons simultaneously to launch the app.

3. Close other cryptocurrency websites and apps that interact with Ledger Nano, close them: they may intercept the connection to the device.
4. Open the `https://swop.fi` website. Check in the address bar that this particular site is open.
5. Click **Connect wallet**.
6. Select **Ledger Waves**.
7. Allow the site to connect to the device.

8. Select an address to interact with. By default, the first address (Account 0) is used.

9. Click **Confirm**.

Change Account

To connect another wallet, click your avatar in the upper right corner of the page and select **Switch account**.

Top up Your Wallet

There are many ways to deposit funds to your Waves wallet. Here are some of them:

- Transfer cryptocurrency from other blockchains
- Buy WAVES at one of the centralized exchanges
- Buy cryptocurrency with a bank card

Transfer Cryptocurrency from Other Blockchains

On Swop.fi, you can deposit assets to your wallet by transferring them from other platforms and wallets.

1. Connect your wallet using Waves Keeper or Waves Exchange.
2. In the side menu, select **Account → Deposit/Withdraw**.
3. Find an asset that you want to deposit and click **Deposit**. Sign the message to access Waves.Exchange gateways from your wallet.

4. Select the deposit method. **The network you select must comply with the network of the platform you are transferring funds from.**

5. **Read the deposit conditions carefully** and follow the instructions.

You can see the status and details of the transaction in Waves.Exchange: **Wallet → Deposit & Withdrawal Transactions**.

💡 To use Swop.fi, you have to pay network fees of 0.005 WAVES per transaction.

If you connect a Waves.Exchange wallet (Email or Seed), you can pay the network fee in BTC, ETH, USDT, USDN etc. You can select the fee asset before signing a transaction.

Please note: fee in another asset may be more expensive than fee in WAVES. We recommend to swap a small amount for WAVES (for example, USDT or ETH to USDN and then to WAVES) and then pay fees in WAVES.

You can also use Waves.Exchange to exchange your asset for WAVES. See the section Start Trading on Waves.Exchange in their documentation.

Buy WAVES at Centralized Exchange

You can buy WAVES at one of the centralized exchanges and then transfer it to your Waves address.

Buy Cryptocurrency with Bank Card

On Waves.Exchange, you can buy BTC or USDN with a bank card. Read how to do it in the Buy Cryptocurrency with a Bank Card section in the Waves.Exchange documentation.

Exchange

Before the exchange, you should have at least 0.005 WAVES to pay the network fee.

For the USDT-USDN and USDC-USDN pair, the minimum amount to exchange is 10 USDT, or 10 USDC, or 10 USDN.

1. Connect your wallet using Waves Keeper or Waves Exchange.
2. In the side menu, select **Exchange**.
3. Select the cryptocurrency pair.
4. Enter the amount you pay. Review the estimated amount you get and click **Swap**.
5. Sign the transaction and enjoy the speed!

Please note: the service is not suited for large trades. The greater the amount of tokens you exchange relative to the pool's total supply, the more the *price impact* is.

The price may move if other users make exchanges before you. However, the amount you get cannot be less than indicated in the **Minimum received** field. If the price movement is too large and the minimum amount is unattainable, the transaction is canceled. Then you can make an exchange at a new price if you want.

The minimum amount is calculated based on the **Slippage tolerance** that is the maximum percentage of price movement acceptable for you. You can change the default value of slippage tolerance in settings.

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Add Liquidity

You can invest in the pool of your choice and become a liquidity provider. In return, you receive a share token that represents your share in the pool. When withdrawing your liquidity, you also receive a part of the fees accumulated in the pool, proportional to your share.

⚠It is important to understand the risk associated with providing liquidity. Please see our article How do share tokens work in Swop.fi?

There are two options to add liquidity:

1. Replenish the pool with both tokens in the same ratio as they are on the smart contract.
2. Replenish the pool with a single token. This is profitable if the price differs from the current market price due to a shift of token balances in the pool. If there is not enough token X in the pool and thus it is more expensive, it is advisable to deposit it. The

For pools with staking rewards, the following fees are set to cover the fees for the staking and unstaking operations:

- For USDN-containing pools (except NSBT-USDN), the staking management fee is 0.27 USDN.
- For the NSBT-USDN pool, the staking management fee is 0.54 USDN.
- For EURN-containing pools, the staking management fee is 0.234 EURN.

The network fee for the smart contract invocation is fixed at 0.005 WAVES.

Replenish with Both Tokens

Please make sure that you have a sufficient amount of both tokens and at least 0.005 WAVES (that are not leased) to pay the network fee.

1. Connect your wallet using Waves Keeper or Waves Exchange.
2. In the side menu, select **Farming → Liquidity**.
3. Select a pool to replenish and view the pool information. Click **Add liquidity**.
4. Specify the amount of one of the tokens you want to add. The amount of the other token will be calculated automatically.
5. Click **Supply** and sign the transaction.

The token ratio in the pool may suddenly change just before replenishing due to large exchanges. If the token ratio in your replenishment differs from the token ratio in the pool by more than **Slippage tolerance**, the transaction is canceled. You can replenish the pool with a new ratio. You can also change the default value of slippage tolerance in settings.

Stake your share tokens to get the farming reward in SWOP.

Replenish with Single Token (USDT-USDN, USDC-USDN)

The minimum amount to replenish is 5 USDC/USDN/USDT.

1. Connect your wallet using Waves Keeper or Waves Exchange.
2. In the side menu, select **Farming → Liquidity**.
3. Select a pool to replenish and view the pool information. Click **Add liquidity**.
4. Select the **Pool only one token** checkbox. Specify the amount of the token you want to add.
5. Click **Supply** and sign the transaction.

Stake your share tokens to get the farming reward in SWOP.

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Remove Liquidity

At any time you can obtain the corresponding share of underlying liquidity in return for your share tokens, all or a part of them. You get both tokens in the same ratio as they are in the pool at the moment, including accumulated fees and staking rewards, proportional to your share.

1. Connect your wallet using Waves Keeper or Waves Exchange.
2. If you have staked your share tokens, unstake them:

    2.1. In the side menu, select **Farming → Farming SWOP**.
    2.2. Find a pool you invested in. Click **Unstake**.
    2.3. Specify the amount of share token you want to withdraw.
    2.4. Click **Unstake** and sign the transaction.

3. In the side menu, select **Farming → Liquidity**.
4. Select a pool to withdraw funds. Click

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6. Click **Withdraw** and sign the transaction.

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Farm SWOP

When providing liquidity, you can earn the farming reward in SWOP by staking your share tokens.

1. Connect your wallet using Waves Keeper or Waves Exchange.
2. In the side menu, select **Farming → Farming SWOP**.
3. Find a pool you invested in. Under the **share token name**, click **Stake**.
4. Specify the amount of share token you want to stake.
5. Click **Stake** and sign the transaction.

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Claim SWOP

Upon claiming SWOP tokens, you receive them to your account. Subsequently, you can do anything you want with them — in particular, stake them or invest in the SWOP-USDN pool.

- Claim SWOP-farming Reward
- Claim Early-bird Reward
- Claim Governance Reward

Claim SWOP-farming Reward

If you are farming SWOP, you are entitled to the farming reward in the SWOP governance token.

To obtain SWOP tokens that are already available:

1. Connect your wallet using Waves Keeper or Waves Exchange.
2. In the side menu, select **Farming → Farming SWOP**.
3. Find a pool you invested in. Click **Claim** and sign the transaction.

Claim Early-bird Reward

If you provided liquidity before the SWOP token launch, you are entitled to the early-

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To obtain SWOP tokens that are already available:

1. Connect your wallet using Waves Keeper or Waves Exchange.
2. In the side menu, select **Account → Early-bird rewards**.
3. Click **Claim** and sign the transaction.

Claim Governance Reward

If you have staked SWOP, you are entitled to the governance reward in the SWOP token.

To obtain SWOP tokens that are already available:

1. Connect your wallet using Waves Keeper or Waves Exchange.
2. In the side menu, select **Governance → Staking** tab.
3. On the **Reward** tile, click **Claim**. Sign the transaction.

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Stake SWOP

SWOP staking generates additional income in the SWOP token and gives you the opportunity to vote for pool weights.

- Stake SWOP-farming Reward
- Stake Early-bird Reward
- Stake SWOP from your wallet
- Stake Governance Reward

Stake SWOP-farming Reward

If you are farming SWOP, you are entitled to the farming reward in the SWOP governance token.

1. Connect your wallet using Waves Keeper or Waves Exchange.
2. In the side menu, select **Farming → Farming SWOP**.
3. Find a pool you invested in. Under the **SWOP Reward** headline, click **Stake**.
4. Sign two transactions: the first one claims your reward and the second one stakes it.

You can only stake the entire available reward. If you want to stake a portion of it, If you provided liquidity before the SWOP token launch, you are entitled to the early-bird reward in the SWOP governance token. The reward is unlocked gradually within a year after the launch.

1. Connect your wallet using Waves Keeper or Waves Exchange.
2. In the side menu, select **Account → Early-bird rewards**.
3. Click **Stake**.
4. Sign two transactions: the first one claims your reward and the second one stakes it.

You can only stake the entire available reward. If you want to stake a portion of it, claim your reward and then stake a certain amount from your wallet.

Stake SWOP from your wallet

1. Connect your wallet using Waves Keeper or Waves Exchange.
2. In the side menu, select **Governance → Staking**.
3. On the **Governance** tile, click **Stake**.
4. Specify the amount of SWOP you want to stake.
5. Click **Stake** and sign the transaction.

Stake Governance Reward

If you have staked SWOP, you are entitled to the governance reward in the SWOP token.

1. Connect your wallet using Waves Keeper or Waves Exchange.
2. In the side menu, select **Governance → Staking**.
3. On the **Reward** tile, click **Stake**.
4. Click **Stake** and sign the transaction.

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Unstake SWOP

Notes:

- You cannot unstake your voting SWOPs. First, cancel your vote or decrease the voting amount.
- You also cannot unstake SWOPs that are counted in the last voting. Cancel your vote or decrease the voting

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1. Connect your wallet using Waves Keeper or Waves Exchange.
2. In the side menu, select **Governance → Staking**.
3. On the **Governance** tile, click **Unstake**.
4. Specify the amount of SWOP you want to unstake.
5. Click **Unstake** and sign the transaction.

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Vote for Pool Weight

If you have staked SWOPs, you can vote for the distribution of the SWOP farming rewards between the liquidity pools. Voting results are counted once a week. Over the next 7 days, the liquidity providers of each pool are rewarded with SWOP depending on the voting results.

You can split your staked SWOPs between multiple pools.

⚠SWOP tokens that are counted in the voting results become frozen: you will not be able to unstake them until the end of the next voting period.

Learn more about the voting rules

1. Connect your wallet using Waves Keeper or Waves Exchange.
2. In the side menu, select **Governance → Pool weight voting**.
3. Under the **Pool weight voting** headline, select a pool and click **Change vote**. If you don't see the pool you want to vote for, click **Select another pool**.
4. Specify the amount of SWOPs to vote for the pool.
5. Click **Vote** and sign the transaction.

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Vote for New Pool

If you have staked SWOPs, you can vote for or against adding a new pool. The same SWOP tokens can participate in the voting for pool weights and several votings for new pools. Learn more about the voting rules

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and click **Yes**. If you are in favor of adding a pool, click **Yes**; if not, click **No**.
4. Specify the amount of SWOPs to vote for the pool.
5. Click **Vote** and sign the transaction.

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Cancel Vote

To reset your vote for the pool, change the amount of voting SWOPs to 0. See the preceding sections Vote for Pool Weight и Vote for New Pool.

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Participate in Enno Cash Launchpad

To participate in sale for Swop.fi members:

1. Connect your Waves wallet.
2. Top up your wallet.
3. Exchange your asset for SWOP and USDN. Every 0.2 SWOP in staking entitles you to buy one ticket worth 10 USDN (plus Swop.fi commission of 5%). Some WAVES will also come in handy for paying transaction fees.
4. Stake SWOP.
5. On October 28, buy tickets on the Launchpad page.
6. On October 29, find out which tickets have won and claim Enno Cash.

Learn more about Launchpad rules

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Start trading on Swop.fi now
Swap crypto assets quickly and easily.