# Fixa Protocol — Setup Guide

This guide is for anyone who has little to no prior DeFi experience. Takes about 5–10 minutes.
Next, see the Testing Checklist.

## Step 1 — Install a wallet (if you don't have one)

1. Install MetaMask — a browser extension (Chrome/Firefox/Brave) or a mobile app
2. Create a new wallet, save your seed phrase somewhere safe (e.g. a password manager)

## Step 2 — Connect to the Arbitrum Sepolia testnet

A testnet is a copy of the real blockchain where tokens have no real value. Perfect for testing without any financial risk.

Add the network manually in MetaMask:

1. Open MetaMask and click the hamburger menu (☰) in the top right
2. Go to Networks → Add custom network
3. Fill in the following details and click Save:

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|---|---|
| **Network Name:** | Arbitrum Sepolia |
| **RPC URL:** | https://sepolia-rollup.arbitrum.io/rpc |
| **Chain ID:** | 421614 |
| **Currency Symbol:** | ETH |
| **Block Explorer:** | https://sepolia.arbiscan.io |

4. Switch to Arbitrum Sepolia in MetaMask — it should now appear in your network list
5. Add FIXA token to MetaMask

Tokens tab → Filter Network: Arbitrum Sepolia → Tokens menu ( ⋮ ) → Manage tokens → Add a custom token →

| | |
|---|---|
| **Token address:** | 0xd66310a96111377Acf3b697c014624f2d91A838d |
| **Network:** | Arbitrum Sepolia |

→ Add token.

## Step 3 — Request test tokens

We'll send everything you need directly to your wallet — test ETH for gas fees, plus test collateral tokens (wBTC, cbBTC, wstETH, rETH, PAXG) so you can open a CDP and mint FIXA tokens right away.

**Email fixaprotocol@proton.me with your wallet address and we'll send the tokens within a few hours.**

## Step 4 — Open the site

Go to testnet.getfixa.io.

1. Click Connect Wallet in the top right corner
2. Select MetaMask
3. Make sure you're on the Arbitrum Sepolia network (if not, switch it in MetaMask)
4. You're set — move on to the Testing Checklist

⚠ Never share your seed phrase with anyone and never paste it into any website — it's the only way to lose funds in crypto.

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⚠ If you already have MetaMask with other assets — we recommend creating a separate account inside the same MetaMask just for testing (Account icon → Add account → New account). It's free and keeps test activity isolated from your personal funds.

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### ⚠ Important: Set gas fee before confirming transactions

On Arbitrum Sepolia, you need to manually set the gas fee before confirming each transaction in MetaMask, otherwise the transaction may fail with the error “max fee per gas less than block base fee”.

**Before clicking Confirm on any transaction:**

1. In the MetaMask confirmation popup, click the pencil icon next to the Network fee
2. On the Edit gas fee screen, tap Advanced
3. Set Max base fee to 0.025
4. Click Save, then confirm the transaction

You need to do this for every transaction (Approve, Open CDP, Deposit, etc.).

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⚠ Some actions require confirming two separate transactions, not one — for example, Approve followed by Deposit, or Approve followed by Fill on the Market page. Your wallet will prompt you twice; confirm both (setting the gas fee each time as described above) to complete the action.

## If something isn't working

1. Check that you're connected to the Arbitrum Sepolia network specifically (not Ethereum Mainnet or any other network)
2. If a transaction fails — make sure you set the gas fee manually (see above)
3. If a transaction is "stuck" for more than 2–3 minutes, try refreshing the page
4. If none of that helps — email fixaprotocol@proton.me with a description of the issue

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## Glossary of basic terms

- Wallet — an app that stores your crypto keys and lets you sign transactions. MetaMask is the most popular one.
- Testnet — a copy of the blockchain used for testing. Tokens there are free and have no real value.
- Gas — the fee for processing a transaction on the blockchain. On testnet, this is covered by the test ETH we send you.
- Transaction (Tx) — any action recorded on the blockchain (a transfer, opening a position, etc.). Each one has a unique tx hash — an identifier you can use to look it up on a block explorer.
- Approve — a separate transaction that authorizes a smart contract to use your tokens. Done once before the main action (e.g. before a Deposit).
- CDP (Collateralized Debt Position) — a position where you lock up collateral (e.g. wBTC) and receive FIXA in return. Similar to a loan secured by collateral.
- Collateral — the asset you lock up in order to receive FIXA.
- CR (Collateralization Ratio) — the ratio of your collateral's value to your debt. The higher it is, the safer the position. If CR drops too low, the position can be liquidated (force-closed).
- MIN_CR — the minimum allowed CR for a given collateral type. You can't mint FIXA beyond this threshold.
- Liquidation — the forced closing of a position when CR drops too low. Not a big deal on testnet (no real money involved), but worth understanding the mechanic.
- Mint — create new FIXA tokens by borrowing against your collateral.
- Repay — pay back FIXA debt to free up your collateral.
- Order Book / Ask / Bid — on the Market page: an Ask is an order to sell FIXA, a Bid is an order to buy FIXA. These are the two sides of the order book.
- Savings / FSR (Fixa Savings Rate) — depositing FIXA to earn interest on it.
- CPI (Consumer Price Index) — a measure of inflation. FIXA is pegged to this, rather than to a fixed $1.
- Block explorer — a website where you can look up the details of any transaction by its hash. For testnet: sepolia.arbiscan.io