

LiquiDex (Dive into Deeper Liquidity with LiquiDex)

LiquiDex Decentralized Margin Trading Platform

LiquiDex (LQX) provides a decentralized platform tailored for margin trading. It offers unparalleled benefits such as no drastic price changes when trading, leverage up to 100 times, control over one's own assets, pooled funds from different sources, and a smooth trading experience directly on the blockchain. What sets LiquiDex apart is its pioneering approach of combining funds from various blockchain networks, ensuring maximum use of capital.

For Traders:

- LiquiDex allows them to boost their trades up to 100 times without affecting the market price.
- They can benefit from competitive trading costs.
- Access to a vast pool of funds combined from various sources.
- Flexibility to use a variety of assets as a backup for their trades.

For Liquidity Providers:

- They have the opportunity to add funds to the platform and, in return, receive **lpLQX** tokens.
- By holding onto these **lpLQX** tokens, they can earn additional income and rewards from LiquiDex platform.

For the Community:

- Members can secure a particular token, named **mLQX**.
- By holding onto mLQX, they have a chance to earn more income and receive **LQX** token rewards.

Presently, LiquiDex plans to operate on several blockchain platforms, such as Ethereum, Arbitrum, BNB Chain, Avalanche, and Fantom. Plans are in place to integrate even more platforms in the near future.



LQX Aggregation Platform

Purpose

As decentralized finance (DeFi) grows, margin trading is becoming a hotbed of activity. But with over 20 such platforms scattered across various blockchains, challenges have cropped up:

- Funds for trading, or liquidity, are diluted over too many platforms.
- There's a lack of efficient methods to pool liquidity from different blockchains.
- Variations in pricing and rules across platforms complicate trading decisions for users.

LQX seeks to streamline this, aiming to deliver the ultimate trading journey. As part of this mission, LQX has rolled out the LQX Leveraged Trading Aggregator, a component of its comprehensive toolkit.

How It Works

Routing Funds Efficiently

When a trade happens on LQX, the Aggregator reviews prices from different margin trading platforms, pointing traders toward the one with optimal liquidity. The goal is to minimize the overall costs associated with trading, considering factors like pricing, fees, available funds, and more.

Position Management

LQX Aggregator uses smart contracts to oversee a trader's active positions. When a trader initiates a position via the Aggregator, it forms a "position container". This container then interacts with the selected trading platform. For that platform, their direct interaction is with the container, not the individual trader. Additionally, LQX offers visibility into which traders are connected to which containers.

Enhanced Leverage

While every trading platform has its set criteria for trades, these can vary, impacting the maximum available leverage. LQX Aggregator addresses this by topping up the margin when establishing a position, ensuring traders achieve their desired leverage level, even if the underlying platform doesn't inherently provide it.

Cross-Chain Liquidity

In the world of on-chain margin trading, resources and users are dispersed over multiple blockchains. LQX Aggregator bridges this divide, introducing a mechanism to seamlessly tap into liquidity across chains.



Pooling Liquidity

If certain platforms fall short in fulfilling a trader's demands, the LQX Aggregator has the ability to amalgamate liquidity from multiple sources, offering a consistent trading experience.

Future Directions

LQX Aggregator isn't static; it's a key piece in the evolving LQX toolkit. As the platform progresses:

- **LQX V2** will collaborate with GMX to enable up to 100x leverage.
- **LQX V3** aims to usher in broader cross-chain liquidity capabilities.
- **LQX V4** will offer centralized management of diverse protocol positions.

Mechanisms Of LiquiDex:

LQX's core capabilities hinge on three distinct mechanisms:

Universal Liquidity

Fragmented liquidity pools in trading protocols, spread across different chains, can lead to uneven liquidity availability. LQX solves this by harmonizing liquidity across multiple networks through a broker module, a bot that oversees the overall liquidity and the amount earmarked for margin trading. Once a trader places an order, the broker assesses the liquidity spread over various networks and, if sufficient, proceeds with the order. This method ensures better capital utilization across all networks without physically shuffling assets.

For instance, if pools on Arbitrum, Avalanche, BSC, and Fantom each hold 10 ETH, and 5 ETH are reserved for active positions, the broker sees the total universal liquidity as 40 ETH, with 35 ETH available. If a 20 ETH long order is placed on Arbitrum, the broker processes it, checks if the order size meets the universal liquidity, and if it does, executes the order. Such a design means that even if liquidity providers add ETH on Avalanche, BSC, or Fantom, Arbitrum-based trading can access these funds without transferring them.

On rare occasions, when the liquidity pool on a specific chain can't fully cover a trader's profits, they will receive LQXTokens as compensation. Users can then convert these tokens into related tokens on other chains. For instance, if a trader tries to withdraw 20 ETH profits from Arbitrum and the pool only has 10 ETH, they get 10 ETH and 10 LQXETH. Since Avalanche's pool might have 50 ETH, the trader can move the 10 LQXETH to Avalanche and exchange them for 10 ETH.



LQX employs a broker on its platform to ensure seamless universal liquidity, with liquidity metrics viewable on its designated page.

Multi-Asset Pool

The LQXLP pool, as the trader's counterpart, maintains full collateral backed by a mix of top-tier assets and stablecoins. While traders hold leveraged positions, the pool safeguards the necessary assets. When closing a profit-making position, traders can extract both the collateral and profits. Conversely, for loss-making positions, the trader's collateral offsets the losses.

To mitigate risks, each market has a cap on both long and short positions, ensuring the liquidity pool can always cover traders' profits, eliminating counterparty risks.

For instance, if 1 ETH is \$1000 and the LQXLP pool has 4 ETH, a trader could use 1000 USDC to initiate a 3x ETH long position. If the ETH price jumps to \$2000, and the trader exits, they can reclaim the 1000 USDC collateral and 1.5 ETH from the pooled ETH as profit.

Dark Oracle

LQX employs a dark oracle that pulls price data from various exchanges, including Binance, to guarantee price precision and stability. The dark oracle, as a concealed price feed, is primarily to thwart front-running, ensuring a more secure trading environment. By eliminating nearly all chances of malicious arbitrage, it supports zero price impact trading. The LQX broker taps into the dark oracle's price data, ensuring traders get the most accurate prices without any price impact.

Concept Of Universal Liquidity Pool:

Liquidity Overview

LQX has a big pool of different assets. This pool is used to help LQX's trading and to earn fees.

Users can help grow this pool by buying LQXLP tokens with certain assets. When they buy these tokens, new LQXLP tokens are made. When they sell, the tokens are removed. The value of one LQXLP token is found by looking at how much the whole pool is worth and dividing it by how many tokens there are. After buying these tokens, users can "stake" them, which means they can earn more rewards and LQX tokens.

Buying & Selling LQXLP Tokens

Users can buy or sell LQXLP tokens on any network we work on.

When you want to buy or sell these tokens, you have to wait a bit (right now, 18 minutes). This wait time is important to:



1. Stop people from taking advantage of price changes too quickly.
2. Give our system enough time to check all the assets we have on different networks.

Using LQXLP Tokens

Once you have LQXLP tokens, you can stake them on a platform. This lets you earn more rewards and LQX tokens. For more details on how this works, you can check a section we have.

What's in the LQXLP Pool?

The LQXLP pool has a mix of top assets and stable money-like coins. Each of these has a set place in the pool. If one asset's place changes too much, the cost to trade it will also change.

How LQXLP Earns Money & Its Risks

LQXLP can earn money from:

- Some of the fees we charge.
- Some payments we get.
- Fines if someone doesn't follow the rules.
- Earning LQX tokens as rewards.

But, LQXLP can also face risks like:

- Losing money from trading.
- The value of the assets in the pool going down.

Our Special POL System

For trading platforms like ours, having a lot of assets is super important. But, only relying on others to provide these assets can be costly and unpredictable. So, LQX has its own system, called POL, to make sure we always have enough assets.

Our LQXLP pool gets assets from two places: from other providers and from our special POL system. We started POL with some money we raised earlier. Plus, we keep adding 30% of the money we make to it. As we do more trading, POL grows and helps make our LQXLP pool stronger. We keep track of how much POL helps our total assets with a measure called POR. As POL grows, we might change how we reward other providers.

LQX Tokenomics

Introduction

Liquidex (LQX) stands distinctively as a decentralized platform tailored for margin trading. It pioneers a unique approach by combining funds across various blockchain networks, delivering an unparalleled trading experience with optimized capital utilization.



LQX Token Supply and Distribution Details:

- **Total Supply:** LQX boasts a finite supply of 10 million tokens, ensuring scarcity and intrinsic value.
- **Transactional Tax:** Each LQX transaction undergoes a 5% tax. This mechanism is vital for the continuous development of the platform and to reward loyal users.
- **Max Wallet Capacity:** To promote decentralization and prevent concentration, an individual wallet can buy and retain up to 4% of the total LQX supply.
- **Supply Allocation:**
 - **Liquidity Pool (LP):** 90% of the total LQX supply, or 9 million tokens, are dedicated to the liquidity pool, ensuring robust trading and operational fluidity.
 - **Staking Rewards:** 4% of the supply, equivalent to 400,000 tokens, is earmarked for rewarding those who stake their LQX.
 - **Marketing and Outreach:** 4% (400,000 tokens) is allocated to facilitate marketing, outreach, and broadening the platform's user base.
 - **Advisors:** The advisors, pivotal for strategic direction and growth, are allocated 2% of the supply, or 200,000 tokens.

Revenue Distribution:

- **For Holders and Users:** 70% of the platform's revenue is channeled towards rewarding holders and platform users in the form of mLQX.
- **Treasury and Token Burn:** The remaining 30% of revenue generated is funneled into the platform's treasury. These funds are strategically utilized to buy back LQX tokens from the market and subsequently burn them, ensuring a reduced overall supply and fostering token appreciation.

For Traders:

- **Trading Leverage with LQX:** Amplify your trades up to 100x without affecting the market prices.
- **Optimal Trading Costs:** Engage in cost-efficient trading through our streamlined system.



- **Access to Consolidated Liquidity:** Dive into a seamless trading milieu with a vast pool of funds sourced from multifarious platforms.

- **Diverse Collateral Options:** Users can opt from a broad spectrum of assets as collateral for their trades.

For Liquidity Providers (LPs):

- **LQXLP Tokens:** Contribute to LiquiDex by adding funds and in return, receive LQXLP tokens.

- **Diverse Earning Avenues:** Retain LQXLP tokens to gain additional rewards and income from the platform's diverse mechanisms.

For the Community:

- **Community-Centric Tokens (mLQX):** By holding onto mLQX, community members can accrue additional income and get rewarded through LQX tokens.

Cross-Blockchain Ecosystem

LiquiDex is not confined to a single platform but spans across Ethereum, Arbitrum, BNB Chain, Avalanche, and Fantom, with prospective plans for further expansion.

LQX Aggregator Platform

LQX Aggregator aims to revolutionize the trading experience, consolidating liquidity, and assuring efficient routing, all the while delivering enhanced leverage opportunities and seamless cross-chain liquidity.

LQX's Core Mechanisms:

- **Universal Liquidity:** LQX, through its broker mechanism, integrates liquidity across platforms, offering seamless trading experiences and optimal capital utilization.

- **Multi-Asset Pool:** The LQXLP pool, ever-secure and backed by a plethora of top-tier assets and stablecoins, ensures minimized risks and an unparalleled sense of security for traders.

- **Dark Oracle:** LQX's dark oracle system is pivotal in ensuring precise price data and a fortified trading ambiance by accumulating price feeds from a spectrum of exchanges.

Universal Liquidity Pool Overview:



- **Bolstering the Pool:** Users can amplify the liquidity pool by procuring LQXLP tokens with selected assets.
- **Engaging with LQXLP Tokens:** LQXLP tokens are tradable across any LQX-affiliated network.
- **Staking Incentives:** Post acquisition, LQXLP tokens can be staked to fetch protocol-centric rewards and LQX tokens.
- **Pool Composition:** The LQXLP pool is a diverse amalgamation of premium assets and stablecoins, each maintaining a predetermined stature.
- **Earnings & Associated Risks:** While LQXLP promises diverse revenue streams, it also exposes holders to risks intrinsic to trading and asset price fluxes.

Protocol-Owned Liquidity (POL):

The POL mechanism, a cornerstone of LiquiDex, underlines the platform's emphasis on

consistent and robust liquidity. With POL, LQX aims to achieve a self-sustained ecosystem, perpetually enhancing its liquidity reservoir.

In essence, LQX's tokenomics is meticulously designed to bestow users, liquidity providers, and the community with abundant opportunities, all while ensuring platform stability, safety, and sustained growth.

LQX Roadmap

Phase I: Foundation

1. Conceptualization & Strategy Formation:

- Ideation and drafting of the LQX vision.
- Market research to identify key challenges and potential solutions.

2. Whitepaper & Documentation:

- Comprehensive detailing of LQX's protocols, systems, and benefits.

3. Platform Development:

- Core code development and initial testing.
- Implementing feedback from alpha testers.



Phase II: Deployment & Expansion

4. Mainnet Launch:

- LQX platform goes live.
- Performance monitoring begins.

5. Integrated DEX Aggregation:

- Introduce the bot-driven DEX price aggregation feature.
- Continuous optimization based on real-time market conditions.

6. Community Building:

- Kick-start community events, AMAs, and webinars.
- Engage with potential collaborators and enthusiasts.

Phase III: Enhancement & Integration

7. Cross-Chain Integration:

- Incorporating popular blockchain platforms for wider access and versatility.

8. Advanced Security Protocols:

- Regular security audits.
- Implementation of advanced security measures to ensure user funds' safety.

9. Partnership & Collaborations:

- Foster relationships with other platforms and services, though not directly as partners, to enhance user experience and platform efficiency.

Phase IV: Evolution & Adaptation

10. User Feedback & Iteration:

- Periodic feedback collection from active users.
- Implement suggested changes for better user experience.

11. Mobile App Development:

- Launch of the LQX mobile application for trading on-the-go.

12. Market Expansion:



- Targeting untapped markets and regions.
- Customized solutions based on regional demands and trends.

Phase V: Future Innovations

13. Research & Development:

- Focus on upcoming technologies and trends in the decentralized finance sector.
- Exploratory research into expanding the platform's capabilities.

14. Sustainability Initiatives:

- Integration of eco-friendly measures and practices.
- Aiming for carbon-neutral operations.

15. Global Community Growth:

- Strengthening global community ties.
- Conducting global events, workshops, and meet-ups.

Remember, a roadmap serves as a guideline, and the actual developments might undergo changes based on real-time challenges, market conditions, and opportunities.

Conclusion:

As the decentralized finance landscape continues to evolve, so too will the challenges and opportunities that arise. LQX is not just a product of the current market environment, but a vision for the future of digital asset trading. Our commitment to providing a seamless, secure, and efficient trading experience underscores every decision we make. We understand the complexities and barriers present in today's DeFi sector, and we've architected LQX to not only address these issues but to set a new standard for what traders should expect.

This whitepaper outlines our initial vision, but LQX is a dynamic entity, poised to adapt and grow. Our journey has been rooted in community collaboration, technical innovation, and unwavering dedication to our mission. As we continue forward, we invite you, our community, to join us. Together, we can shape the future of decentralized trading and craft a platform that stands as a beacon for others to follow.

To the next chapter in DeFi's evolution, we say: Welcome to LQX. Dive into deeper liquidity with us.



