

# metronome



## FREQUENTLY ASKED QUESTIONS

metronome.io

## ABOUT METRONOME

### WHAT IS METRONOME?

Metronome (“Metronome” or “MTN”) is a new cryptocurrency designed to bring institutional-class endurance to the cryptocurrency category through:

- ▲ **Self-governance** - Metronome is designed to function indefinitely without management by a particular group or individual, even its authors.
- ▲ **Reliability** - The system is architected for stable and predictable token supply via descending price auctions.
- ▲ **Portability** - With the ability to move between blockchains, the cryptocurrency is further protected from management issues and instability.

### WHAT CAN METRONOME DO THAT OTHER CRYPTOCURRENCIES CANNOT DO?

We expect that MTN will act as a store of value that is decentralized across blockchains. Since MTN will be capable of being exported and imported across chains, it will empower users to move MTN for whatever reason they desire. Other cryptocurrencies cannot do this.

For example, if a user has MTN on one blockchain and disagrees with how its community or leading individuals manage that blockchain, the user can move MTN to a different chain once that chain's compatibility has been developed.

Put another way: Imagine if your government-issued money were tied to the general ledger of your bank. Most people would find this intolerable, especially if he or she had a disagreement with the bank's values, operations, security, or governance. However, today, a user's cryptocurrency is tied to its native blockchain. Over time, the cryptocurrency community has grown to accept this. Now, with a cryptocurrency that will ride on top of multiple blockchains (“ledgers”), MTN owners will enjoy additional portability and choice.

Additionally, MTN uses the latest superset of ERC20, ERC827, for enhanced security and transfer. While ERC20 tokens can only transfer value, cryptocurrency using the ERC827 token standard (like Metronome) can transfer value and data in transactions. MTN will still use the familiar and pressure-tested ERC20, but extend its utility and security with ERC827.

### WHAT CAN METRONOME BE USED FOR?

While many different communities and institutions will discover their own use for Metronome, it was designed for any scenario where reliability is a first-order variable for selecting a cryptocurrency.

Some possible use cases include, but are not limited to:

- ▲ Decentralized store of value across blockchains

▲ Advanced payment settlement through:

- Mass Pay – Allowing users to send tokens to multiple addresses with one action. While mass pay is a well-known and used feature on the Bitcoin network, it is lacking on the Ethereum network.
- Subscriptions – Allowing users to set up recurring payments between themselves and other parties. Subscription is a payment feature unique to Metronome. Users can set up recurring payments between themselves and other parties by authorizing that party to take a certain amount of MTN from a wallet on a recurring, periodic basis.

## WHERE CAN I LEARN MORE?

The Owner's Manual is available at: [https://www.metronome.io/pdf/owners\\_manual.pdf](https://www.metronome.io/pdf/owners_manual.pdf) The Owner's Manual and other documents and information referenced in it are all a must-read in order to fully understand the Metronome system. You can get all of this at <http://metronome.io/>

## METRONOME AND ITS AUTHORS

### WHY DID METRONOME AUTHORS CREATE METRONOME?

We looked at the current landscape of distributed blockchain-based financial products and saw a novel opportunity to launch a cryptocurrency with equal public access and the need for a cross-chain solution. Metronome is a self-governed cryptocurrency that we believe is reliable, equally accessible to the public, and immune to community discord or individual drama.

### WHY IS THE CRYPTOCURRENCY CALLED “METRONOME”?

We believe the cryptocurrency is stable, predictable, and constant. Our innovation needed a name that carried the same weight as its performance. The enduring beat of tokens being added to the ecosystem per day is unending and reliable, like a musical metronome keeping time.

### WILL THERE BE A LOCK-UP IN TOKENS RETAINED BY METRONOME AUTHORS?

Metronome's authors will receive 20% of the initial MTN supply as a one-time author's retention. 25% of this will be available upon the closing of the initial supply auction. The remaining 75% is released quarterly over 12 quarters.

100% of ETH proceeds from the auction will remain in the Metronome ecosystem. Metronome authors can buy and sell their own MTN at their discretion. Following the launch of the initial auction, the Metronome ecosystem is entirely in the hands of the smart contracts and the community.

By accepting the author's retention in MTN, Metronome authors have an incentive to remain active with the ecosystem community.

## WILL METRONOME AUTHORS GOVERN MTN?

No. Metronome will be governed by its smart contracts and users. Metronome authors plan on remaining active within the community of users and developers by continuing to grow the ecosystem with MTN-enabled and compatible products. However, after its launch, authors will have no more control over MTN than any other member of the MTN community.

## INITIAL AND DAILY SUPPLY AUCTIONS

### HOW WILL METRONOME BE LAUNCHED?

There will be two phases, both of which will rely on the [descending price auction](#) (“DPA”) pricing mechanism, which is explained in more detail below and in the Owner’s Manual:

- ▲ **The Initial Supply Auction**, serving as the official launch of Metronome, where 10,000,000 MTN tokens will be issued and made available
- ▲ **The Daily Supply Lot**, where new tokens are added to the auction ad infinitum, at the rate that is the greater of (i) 2,880 MTN per day, or (ii) an annual rate equal to 2.0000% of the then-outstanding supply per year.

### HOW WILL THE METRONOME TOKEN SALE TAKE PLACE?

The initial supply auction serves as the official launch of Metronome. 8,000,000 MTN tokens (10 million, less the 20% one-time author retention) will be made available to the public through a descending price auction. The price per MTN will begin at a maximum price of 2 ETH per MTN and a floor price of 0.0000033 ETH. As time progresses and MTN remains available, the auction price will decline linearly until the auction ends or all MTN are sold. Metronome employs DPAs to establish predictable and transparent pricing for the MTN being issued by the contract.

### WHEN WILL THE METRONOME INITIAL SUPPLY AUCTION START?

The Initial Supply Auction is targeted to launch in March, 2018. Once started, it will last up to 7 days or until all MTN in the initial supply are sold as described above. The team will announce 10 days prior to the confirmed date to allow everyone to make arrangements for participation.

### IS THERE A MINIMUM OR MAXIMUM NUMBER OF MTN TOKENS I CAN BUY DURING THE INITIAL SUPPLY AUCTION?

There is no maximum or minimum purchase (outside of ETH gas requirements for a successful transaction).

### IS THERE A MINIMUM OR MAXIMUM NUMBER OF MTN TOKENS I CAN BUY DURING THE DAILY SUPPLY LOTS?

There is no maximum or minimum purchase (outside of ETH gas requirements for a successful transaction).

### **HOW SOON WILL THE DAILY SUPPLY AUCTIONS BEGIN ONCE THE INITIAL SUPPLY AUCTION FINISHES?**

The first Daily Supply Lot will take place the following midnight UTC after the close of the Initial Supply Auction.

### **WHAT HAPPENS TO THE PROCEEDS FROM METRONOME AUCTIONS? WHO GETS THE PROCEEDS OF THE MTN AUCTIONS?**

100% of the proceeds of the Initial Supply Auction and 100% of the future Daily Supply Lots' proceeds go to Metronome's Autonomous Proceeds Provider ("APP") contracts - the Proceeds and Autonomous Converter Contracts - to provide long term support for the community and help incubate Metronome in its first years. Metronome authors receive none of the proceeds from any auction.

### **WHAT BLOCKCHAINS WILL MTN BE COMPATIBLE WITH?**

Metronome will be initially issued on Ethereum with Ethereum Classic, Rootstock on Bitcoin, and Qtum support expected to follow. As the community continues developing MTN, it may be compatible with even more blockchains.

### **HAS THE SMART CONTRACT THAT COLLECTS ETH BEEN PROFESSIONALLY AUDITED FOR SECURITY ISSUES?**

The smart contract has been audited by three independent consultants: Zeppelin Solutions, Martin Swende, and Gustav Simonsson.