

PURVA

Tube Powered Musical Source



CONCEPT

Purva is a music streaming digital transport powered by Tube Rectifier Linear Power Supply. It is engineered, built and fine-tuned in Indonesia. Our design philosophy is bringing out all the musical information thus getting you connected to the emotion of music.

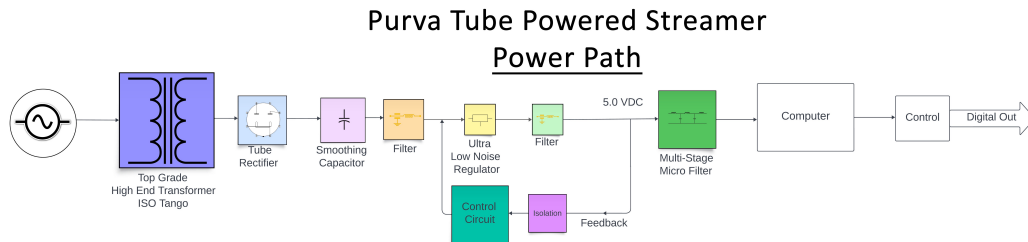
Purva extremely bring new horizon into your taste in music, more insights to some of your old songs in one easy power button to start. It supports many audio streaming services like Spotify, Qobuz, YouTube Music, Deezer, Apple Music, Tidal, Amazon Music, etc.

Get the best streaming experince in your HiFi system by using Purva as your main digital source/transport. Control Point required to use Purva would be any of an iOS, iPadOS or macOS device. Purva is an Ancient Javanese Word derived from Sanskrit that means "The Source" or "East (Origin)".

ENGINEERING

Power Path

Electrical Supply is the main foundation of Purva Streamer. We take it to the extremely level, engineered for maximum musicality. The core of Purva Power Supply is using Tube Rectified Linear Power Supply with multiple stage of regulation.



Airplay Network Protocol

Purva is a music server that communicates to control point using multicast DNS service protocol, RTP/RTSP Protocol that we fine-tuned for maximum musicality.

Flow:

1. mDNS query from client --> <--- mDNS response from server
2. RTSP (TCP at port 5000 protocol) connection between Client <--> The Purva Server. (Similar to http) - Options to authentic (32bit encryption) - announcement (approval) - setup (establish connection) - record (streaming connection)
3. RTP (UDP) - Client send encrypted Raw Audio packets using port 6000 - Client send control packets and server send feedback using port 6001 (metadata, etc) - NTP timing packet(syncing) client <-->server using port 6002
4. The Purva Server, decode and play the music data and send it through i2s/usb



How Does Purva Sound?

The main purpose of Purva Streamer is to bring out all the musical information, as we describe as the Musical Expression desired by the artist/musician, thus getting you closer connected to the emotion of music, with a touch of the “Tube Analog” flavours.

We strongly suggest you to compare it with any other digital streamer out there regardless the price points. If Musical Expression is important to you, we’re confident you will be surprised, satisfied and happy.



Technical specifications

Dimensions (WxHxD) 450x300x180 mm

Weight 20.0 kg

Mains input voltage 115 or 230 VAC

Tube Rectifiers: 5U4GB

Mains fuses Slow Blow 3.15A

Power consumption 52 W

Warning

This appliance must be earthed. Lethal high voltages inside the device, Please do not open! No user serviceable parts inside. Refer servicing to qualified personnel. To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. Never use an appliance with a damaged power cord, as there is risk of lethal shock. Do not block the air ventilation on top, bottom and back panel of the device. Do not touch the Tube Rectifier while it's running hot. Clean using a damp cloth only.

The internal power cord is internally color marked as follows: Live=White, Neutral=Black, Ground=Green/yellow.

Contact Information

Alexandria Audio

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