

KLIPKAST — Broadcaster MAX

Quick Start Guide — From zero to on-air in 15 minutes

Self-hosted HLS streaming · DVR · PlayBox playout · Multi-protocol output

What you'll learn

This guide gets you from a fresh KlipKast install to a live stream that viewers can watch — in about 15 minutes. For deeper reference, see the full Whitepaper.

- Sign in and confirm the server is healthy
- Create your first stream
- Select the preferred output (HLS or RTMP)
- Watch the preview and share the HLS URL with viewers
- Push it to YouTube (or any RTMP destination)
- Set up a PlayBox loop as a standby channel

Step 1 — Sign in

- 1 Open `https://ip_address/` in a browser.
- 2 Sign in with the admin account created during install.
- 3 You should land on the Dashboard.

If any of the four service pills on the right rail (API / HLS Delivery / Token Proxy / Push Fan-out) is not green, stop here and check `systemctl status streamhub` before continuing.

Step 2 — Create your first stream

- 1 Click **Streams** in the left nav.
- 2 Click the **+ New Stream** button.
- 3 Name it something short and URL-safe, for example: `my-first-show/live`.
- 4 Pick **RTMP Push-In** as the source type.
- 5 Select the preferred output — **HLS** or **RTMP**.
- 6 Copy the ingest URL and stream key KlipKast gives you.
- 7 Save.

In OBS (or any encoder), paste the ingest URL as the Server and the key as the Stream Key. Start streaming. Within a few seconds your stream flips to LIVE.

Step 3 — Watch it

Click the stream name to open its detail page. The preview plays the live output; other panels list every URL you can share with viewers.

For most viewers, share the HLS URL:

`https://ip_address/hls/my-first-show/index.m3u8`

This URL works in Safari, iOS, Android with the right player, Roku, and every modern smart TV.

Step 4 — Push to YouTube (or anywhere RTMP)

- 1 On the stream detail page, scroll to **Push destinations**.
- 2 Click **Add destination**.
- 3 Label it recognizably (e.g. "YouTube — main channel").
- 4 Paste the RTMP URL and stream key from the destination platform.
- 5 Click **Test** — a green handshake confirms credentials.
- 6 Click **Save & Push**. Toggle **Reconnect** on.

KlipKast's push supervisor keeps the connection alive and reconnects automatically. Add as many destinations as your uplink can handle — no re-encoding happens, so CPU cost per destination is tiny.

Step 5 — Set up a standby channel with PlayBox

Nothing looks worse than a black screen when your live source drops. PlayBox lets you loop a folder of MP4s and bind it to a stream slot as a standby channel.

- 1 Open **Playlists** and upload two or three short MP4 clips.
- 2 Drag them into order.
- 3 Open **PlayBox** and bind the playlist to a stream (e.g. `willberightback/live`).
- 4 Pick **Continuous loop**.
- 5 Save.

Anyone who visits the standby URL sees a smooth looped channel, complete with overlays, instead of a dead frame.

You're on the air

That's it — you have a live stream, viewers watching over HLS, a push fan-out to your social platforms, and a fallback channel for outages. For everything else — SRT ingest, token-refresh feeds, ghost-RAM protection, backup and restore, upgrade policy — see the full Whitepaper.

Need help? support@tvboxhd.com · 818-264-8383 (USA)
KlipKast Broadcaster MAX · v64.0.78

Minimum System Requirements

Before you install KlipKast Broadcaster MAX, confirm the server meets these minimums.

Component	Minimum	Recommended
OS	Ubuntu 22.04 / 24.04 LTS / Debian 12	Ubuntu 24.04 LTS
Architecture	64-bit x86 (amd64)	64-bit x86 (amd64)
CPU	4 cores	8+ cores
RAM	8 GB	16 GB or more
Disk	100 GB SSD	500 GB NVMe
Network	100 Mbps up	1 Gbps up

Supported operating systems

Requirements: Ubuntu LTS (22.04 or 24.04) or Debian stable (12).
64-bit x86. Non-LTS Ubuntu releases are not supported.