

AMATEUR RADIO · LIVE

# HAM TV

## User Manual

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Your station, on the big screen.

For Roku devices · Version 1.2

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HAM TV turns your Roku into an always-on amateur radio shack display: your contacts, maps, propagation, and live DX activity, rotating automatically on your TV.

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## 1 What is HAM TV

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HAM TV is a display app for licensed amateur radio operators. It connects to your QSL World station data and turns any Roku-powered TV into a live, hands-free shack dashboard.

Once signed in, HAM TV automatically rotates through a series of screens showing your most recent contacts, a live world map of your QSO paths, current HF propagation conditions, real-time DX cluster activity, award progress, and more. There is nothing to operate during normal use — it runs on its own, like a station clock that never stops.

## 2 What you need

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- A Roku device or Roku TV (running a current Roku OS).
- A QSL World account with your callsign and logged contacts.
- A **Hamilton Pro** license key. HAM TV is included free with Hamilton Pro — the same key that activates the Hamilton desktop apps also signs you in to HAM TV.
- An internet connection on the Roku device.

### 3 Installing the app

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**Step 1.** On your Roku, open the Roku Channel Store (the "Streaming Channels" / search option from the home screen).

**Step 2.** Search for **HAM TV**.

**Step 3.** Select **Add Channel** to install it. HAM TV is free to add.

**Step 4.** Once installed, open HAM TV from your Roku home screen.

### 4 Signing in & activating

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HAM TV requires a one-time sign-in so it knows which station to display. You can activate in either of two ways.

#### Option A — Enter your license key

1. When the app opens, you'll be asked for your callsign, then your license key.
2. Using the on-screen keyboard, enter your **Hamilton Pro** license key.
3. Select **Enter Key**. Once verified, your station loads and the display begins.

#### Option B — Pair with a QR code

1. On the sign-in screen, a QR code is shown.
2. Scan it with your phone. It opens a secure page linked to your QSL World account.
3. Confirm the pairing on that page. The TV activates automatically once linked.

**Tip:** You only sign in once. HAM TV remembers your station, so the next time you open the app it goes straight to the live display.

## 5 The screens, explained

HAM TV cycles through these screens automatically. Here is what each one shows.

|                          |                                                                                                                                                                                                              |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Latest Contact</b>    | Your most recent QSO, showing both operators ("X worked Y") with names, locations, and country flags.                                                                                                        |
| <b>Operator Overview</b> | Your station totals: total QSOs, countries, US states, confirmed contacts, and the number of bands and modes you've worked.                                                                                  |
| <b>Award Progress</b>    | Progress bars for DXCC (countries confirmed toward Honor Roll), WAS (US states worked), and your overall confirmed percentage.                                                                               |
| <b>DX Cluster</b>        | Live worldwide DX spots. Each spot shows callsign, frequency, band, country, the spotter, and any comment. You can search spots by callsign or prefix (for example <b>EA</b> , <b>VK</b> , or <b>3Y0J</b> ). |
| <b>HF Propagation</b>    | Current solar and band conditions: SFI, sunspots, solar wind, A-index, K-index, and per-band condition readouts.                                                                                             |
| <b>QSO Flight Map</b>    | An animated path that traces the route of a contact across the globe.                                                                                                                                        |
| <b>World Map</b>         | A live world map plotting your QSO paths.                                                                                                                                                                    |
| <b>3D Globe</b>          | A rotating globe view of activity.                                                                                                                                                                           |
| <b>Clock</b>             | An analog wall clock plus large digital readouts of both your local time and UTC (in ham <b>HHMMZ</b> format), each with the weekday and date.                                                               |

## 6 Using the remote

HAM TV runs hands-free, but the remote lets you interact when you want to.

- **Let it run:** Do nothing — the app advances through screens on its own.
- **DX Cluster search:** On the DX cluster screen, press **OK** to open the search, type a callsign or prefix, then choose **Search** or **Clear filter**.
- **Pin a DX spot:** Press **Down** on the DX cluster to halt the rotation and inspect a specific spot. Press **Back** to resume.
- **Settings:** Press the \* (star/options) button to open the settings panel.
- **Exit:** Press **Back** from the main display to leave the app.

## 7 Settings

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Press \* on the remote to open Settings. From here you can manage your signed-in station and app preferences. Your station stays signed in until you choose to sign out.

## 8 Troubleshooting

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### The app says my key isn't valid

Confirm you're using your current **Hamilton Pro** license key, entered exactly (keys are case-sensitive). If you recently renewed or changed plans, make sure the key is active on your account.

### No contacts or data appear

HAM TV displays data from your QSL World account. Make sure your callsign and logged contacts are present in your account, and that the Roku has a working internet connection.

### DX cluster or propagation shows no data

These screens rely on live data sources and network connectivity. If a feed is briefly unavailable, the screen will fill in again on the next refresh.

### The screen goes dark or the screensaver appears

HAM TV is designed to stay on. If your TV's own power-saving settings turn the screen off, adjust the display sleep settings on the Roku device.

### The app won't load after an update

From the Roku home screen, highlight HAM TV, press \*, and choose to remove and re-add the channel. Your sign-in will be remembered by your account.

## 9 Support

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For help with HAM TV, your license key, or your account:

- Email: [support@autoft8.com](mailto:support@autoft8.com)
- Web: [qslworld.com](http://qslworld.com)

73 and good DX.