

HamClock

K5LK
 Up 28s L-IP 192.168.0.167 V4.06
17:05 21
 Mon Sep 30, 2024

Contests ▲2
 W476NM Weekend Contests

- Oceania DX Contest, Phone
- 902 MHz and Up Fall Sprint
- Russian WW Digital Contest
- IARU Region 1
- California QSO Party
- International HELL-Contest
- UBA ON Contest, SSB
- Peanut Power QRP Sprint

DX Cluster
 dxc.w1nr.net

7030.3	KM4FO	4.0h
144200.0	KG5YF	53m
144200.0	KD5YF	52m
28408.0	HB9CVQ	36m
14255.0	W5RGR	31m
14277.0	W8RD	27m
14283.0	W4YPX	13m

10.7 cm Solar flux
197

52.0 DX Temp
 87.0 Humidity
 W Wind Dir
 W Speed

DE: UTC-5
 12:05 Sep 30

DX: UTC+10
 03:05 Oct 1
 34S 151E
 QF56 R in 2:28 S 9:08 ago
 8553_m@247_i^o_S_P

Overview of HamClock
CRHRC Tech Net #11
Oct 7, 2024

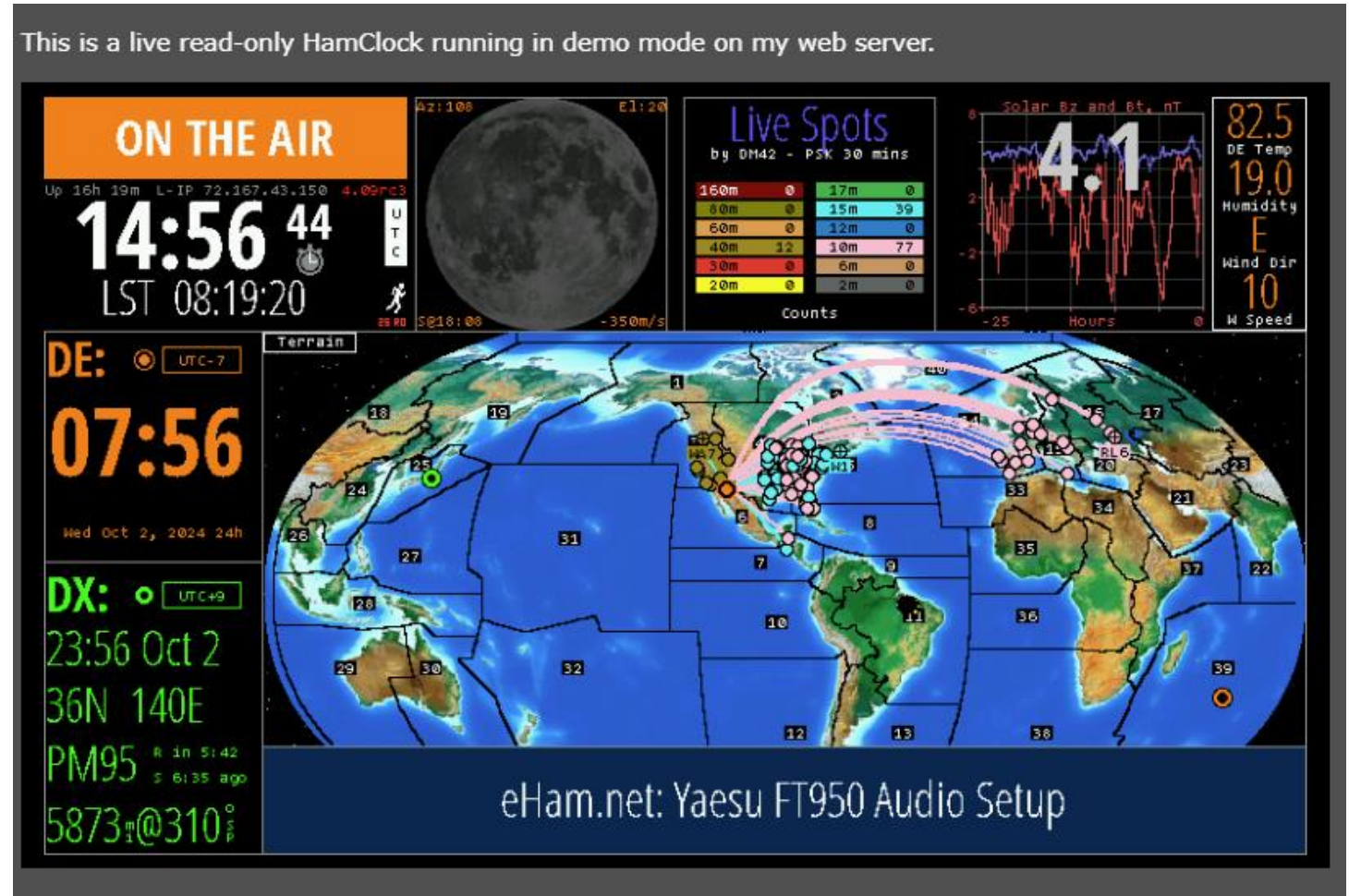
Topics

- What is HamClock?
- Installation Options
- HamClock Tour
- Q&A

What is HamClock?

- A multi featured application providing real-time information to ham radio enthusiasts
- Developed by WB00EW, Elwood Downey
- [2017 QST Article](#)
- Compatible with Raspberry Pi, macOS, Ubuntu, FreeBSD, Windows WSL or most X11 Windows systems, Android
- Actively maintained and updated

[WB00EW's HamClock Page](#)



Installation Option – Windows

- [HamClock Windows Installation by Jim, W4LJP](#)
- Run Linux Programs in Ubuntu WSL
- GUI Desktop, Stand Alone or Web Browser

Web Browser Version

The screenshot shows a web browser interface with the following components:

- Address Bar:** 127.0.0.1:8081/live.html
- Top Widgets:**
 - K5LK:** Shows call sign, time (16:22:25), date (Thu Oct 3, 2024), and UTC indicator.
 - Contests:** Lists various contests like Oceania DX Contest, Phone Sprint, etc.
 - DX Cluster:** Shows a list of active stations and their frequencies.
 - VOACAP DE-DX:** A grid-based visualization of DX activity.
 - M1.5:** Shows X-Ray, SFI, and NOAA Spkx values.
- Bottom Widgets:**
 - DE:** Shows location (11:22 Oct 3, 30N 96W) and time (EL29).
 - DX:** Shows location (02:22 Oct 4, 27S 153E) and time (QG62).
- World Map:** A world map with colored regions and call signs (KQ9, VE1, CN8, etc.) indicating active stations.

Installation Option – Linux Systems (RPi, Ubuntu, etc.)

- <https://clearskyinstitute.com/ham/HamClock/>
- Follow instructions on “Desktop” tab



CanaKit Raspberry Pi 4 Basic Kit (2GB RAM)

Size:2GB RAM



Installation Option – Inovato Quadro PC (HamClock Preloaded)

- [Quadra](#) runs as a dedicated HamClock appliance on a TV or monitor (1080p or higher).
- You can also view your clock in a browser on any Windows or Mac PC, Apple or Android tablet/phone or on a smart TV in your local network.



HamClock Tour

- Latest Version 4.08
- 7 Panes + Map
- Numerous Options for Each Pane and Map
- [User Guide](#)
- K5LK's HamClock Demo

The screenshot displays the HamClock software interface with the following components and callouts:

- 1:** Callout for the top-left pane showing the call sign **K5LK**, status **Up 22h 49m**, IP **L-IP 192.168.0.167**, and version **V4.08**. The main display shows the time **14:05:41** and date **Thu Oct 3, 2024** in **UTC**.
- 2:** Callout for the moon phase display showing **Az:108**, **F1:12**, and **S@19:33**.
- 3:** Callout for the **DX Cluster** pane showing **dxc.w1nr.net** and a list of frequencies: **144210.0 K5HPT**, **144210.0 N05**, **28520.0 NT4T**, **144210.0 WA4GN**, **24895.0 C08LY**, **14207.0 A41MN**, and **21315.0 UT5R**.
- 4:** Callout for the **VOACAP DE-DX** pane showing a grid of signal strength bars.
- 5:** Callout for the **M1.5** pane showing **X-Ray 275**, **SF1**, **NOAA**, and **191 SSN**.
- 6:** Callout for the **DE:** pane showing **UTC-5**, **09:00 Oct 3**, **30N 90W**, **EL29**, **S in 9:59**, and **R 1:45 ago**.
- 7:** Callout for the **DX:** pane showing **UTC+10**, **00:00 Oct 4**, **27S 13E**, **QG62**, **R in 5:18**, **S 6:17 ago**, and **8314@254**.
- MAP:** Callout for the world map showing various countries and call signs like **N05**, **WA4**, **C08**, **UT5**, and **A41**.

Q&A

K5LK
Up 1d 1h L-IP 192.168.0.167 V4.08
16:22:25
Thu Oct 3, 2024
UTC

Contests ▲2
WA7BNM Weekend Contests
Oceania DX Contest, Phone
902 MHz and Up Fall Sprint
Russian W4 Digital Contest
IARU Region 1
California QSO Party
International HELL-Contest
UBA ON Contest, SSB
Peanut Power QRP Sprint

DX Cluster ▲7
dxc.w1nr.net

28482.0	OK2SAI	23m
28549.0	RK1C	18m
28034.0	LY5W	15m
28540.0	WQ9V	10m
28015.0	HA8WZ	8m
28029.3	OK7NV	6m
28465.5	CN8PA	3m

VOACAP DE-DX

M1.5
X-Ray
275
SFI
3
NOAA Spkix
191
SSN

DE: UTC-5
11:22 Oct 3
30N 96W
EL29 S in 7:43
R 4:01 ago

DX: UTC+10
02:22 Oct 4
27S 153E
QG62 R in 3:02
S 8:33 ago
8314₇@254₀_S_P

Countries

WQ9 VE1 CN8 OK7 HA8 LY5 UA33 UA39