

Remote HF Station

- Located at our Englewood repeater site
- The transceiver is an ICOM IC-7300 (100w)
- 80m-10m OCF dipole at approximately 125 feet
- Only active members can have access to the club's remote HF station

Remote HF Station

- SSB or CW operation
- Only one user at a time
- Username and password are required

Remote HF Station

- No special software required
- Available with browser
- No router ports to open
- Works on all platforms

Remote HF Station

- After you have obtained a username and password...
- Go to your browser and type in:
•<http://w4ac.remotetx.net>
- The following screen appears

Remote HF Station



Welcome

Log in to RemoteTx to continue to your Radio.

[Forgot password?](#)

Continue

Remote HF Station

- After you enter the correct credentials, another screen appears
- Using the drop-down menu, select Icom-Scope

Remote HF Station

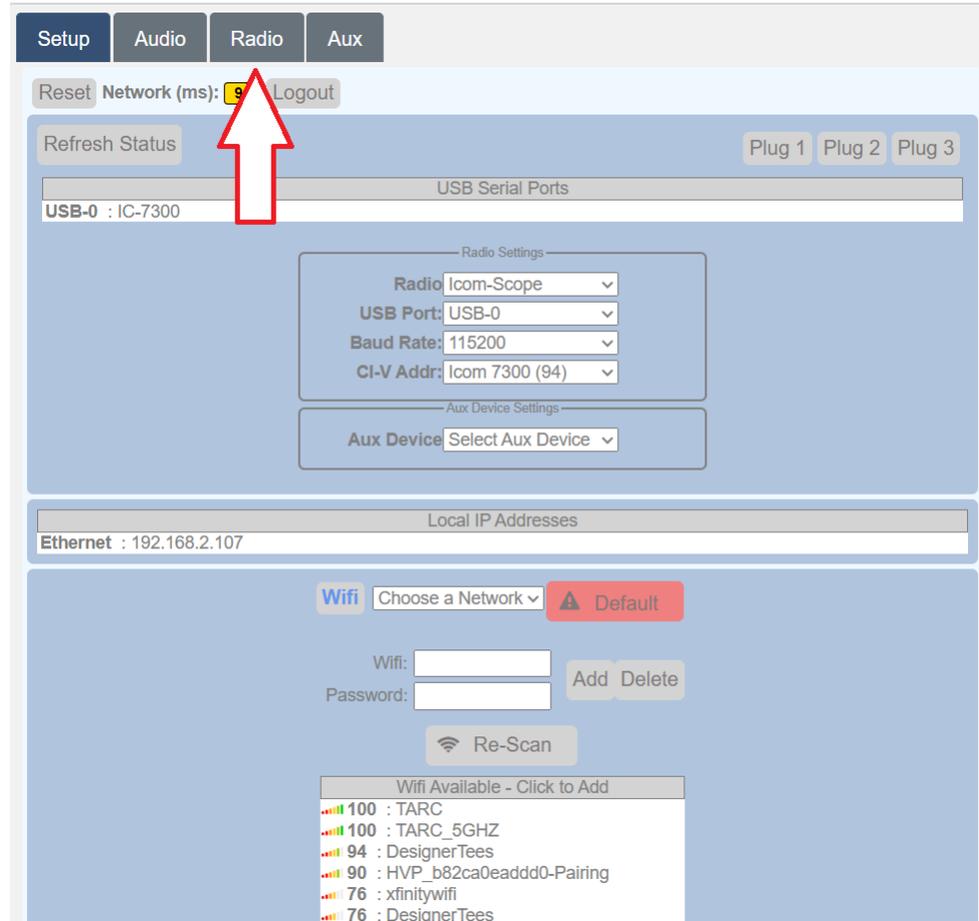
The screenshot displays the 'Radio' configuration page of a Remote HF Station. At the top, there are tabs for 'Setup', 'Audio', 'Radio', and 'Aux'. Below the tabs, there are buttons for 'Reset', 'Network (ms): 90', and 'Logout'. A 'Refresh Status' button is located on the left, and 'Plug 1', 'Plug 2', and 'Plug 3' buttons are on the right. The main content area is divided into several sections:

- USB Serial Ports:** Shows 'USB-0 : IC-7300'.
- Radio Settings:** A box containing four dropdown menus: 'Radio' (set to 'Icom-Scope'), 'USB Port' (set to 'USB-0'), 'Baud Rate' (set to '115200'), and 'CI-V Addr' (set to 'Icom 7300 (94)'). A red arrow points to the 'Radio' dropdown.
- Aux Device Settings:** A box containing one dropdown menu: 'Aux Device' (set to 'Select Aux Device').
- Local IP Addresses:** Shows 'Ethernet : 192.168.2.107'.
- Wifi:** A section with a 'Wifi' label, a 'Choose a Network' dropdown, a 'Default' button with a warning icon, and input fields for 'Wifi:' and 'Password:'. There are 'Add' and 'Delete' buttons next to the password field, and a 'Re-Scan' button with a Wi-Fi icon.
- Wifi Available - Click to Add:** A list of available networks with their BSSIDs and names:
 - 100 : TARC
 - 100 : TARC_5GHZ
 - 94 : DesignerTees
 - 90 : HVP_b82ca0eadd0-Pairing
 - 76 : xfinitywifi
 - 76 : DesignerTees

Remote HF Station

•Next, click on the Radio tab seen at the top of the screen

Remote HF Station



Setup Audio **Radio** Aux

Reset Network (ms): 9 Logout

Refresh Status Plug 1 Plug 2 Plug 3

USB Serial Ports

USB-0 : IC-7300

Radio Settings

Radio: Icom-Scope

USB Port: USB-0

Baud Rate: 115200

CI-V Addr: Icom 7300 (94)

Aux Device Settings

Aux Device: Select Aux Device

Local IP Addresses

Ethernet : 192.168.2.107

Wifi Choose a Network **Default**

Wifi:

Password:

Add Delete

Re-Scan

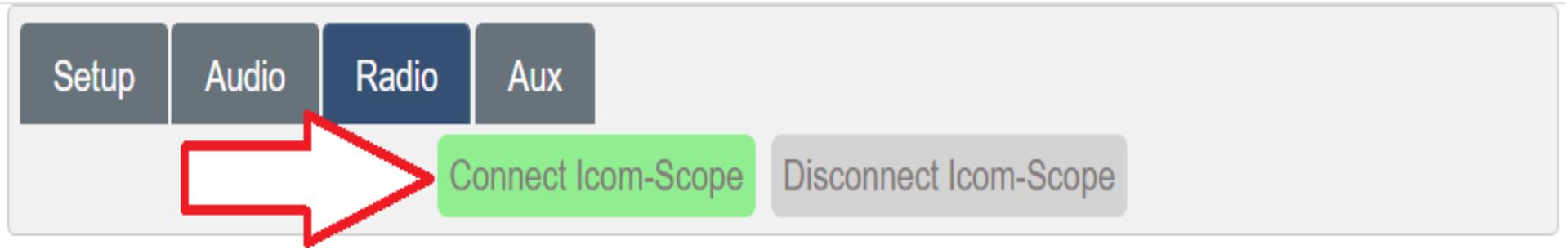
Wifi Available - Click to Add

- 100 : TARC
- 100 : TARC_5GHZ
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- 76 : xfinitywifi
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Remote HF Station

- A new screen appears
- Click the green box saying:
- “Connect Icom-Scope”

Remote HF Station



Remote HF Station

- Finally, the radio appears
- We power it on with the POWER button

Remote HF Station

The image shows a software interface for a remote HF station. At the top, there are navigation tabs: 'up', 'Audio', 'Radio', and 'Aux'. An orange arrow points to the 'up' tab. Below the tabs are buttons for 'Connect Icom-Scope' (highlighted in green) and 'Disconnect Icom-Scope'. The main interface displays the following information:

- Radio Status:** ON, IC-7300
- Latency (ms):** 88
- Frequency:** 14.300.00 (A) and 18.140.00 (B)
- Band Selection:** 160m, 80m, 40m, 30m, 20m (selected), 17m, 15m, 12m, 10m, 6m
- Mode Selection:** LSB, USB (selected), AM, CW, CW-R, RTTY
- Filter Settings:** FILTER Wide, SHAPE Soft, Width 26
- Icom PBT:** Outer 50, Inner 50, Center PBT
- Audio Levels:** RX 66, TX 100, AF-G 29
- TX Control:** RF Power 100, MOD-SOURCE USB, TBW MID, COMP 5
- RX Control:** RF Gain 100, P. AMP PA-1, ATT, AGC Slow, NR 1, NB Level 24, Width 4
- Scope:** A waterfall plot showing signal activity between 14000 and 14350 kHz.

At the bottom, there are status indicators: W, USB, AGC-S, NR, and P.Amp-1.

Remote HF Station

- .The audio should be present as soon as the radio is turned on
- .Should the audio not work, press the Audio tab at the top and reset local audio

Remote HF Station

The screenshot displays the software interface for a remote HF station, specifically an Icom IC-7300. The interface is organized into several sections:

- Navigation:** Tabs for Setup, Audio, Radio, and Aux. A red arrow points to the 'Radio' tab.
- Connectivity:** Buttons for 'Connect Icom-Scope' and 'Disconnect Icom-Scope'.
- Frequency and Mode:** A central display shows the frequency 14.500.00 MHz. It includes 'Down' and 'UP' buttons, and a mode selection area with options like A/B, A=B, and SPLIT.
- TX Control:** A section for transmitter control with a 'RF Power' slider set to 100, a 'TUNER' button, and a 'TUNE' button. It also includes a 'MOD-SOURCE' dropdown set to 'USB' and a 'COMP' slider set to 5.
- RX Control:** A section for receiver control with a 'RF Gain' slider set to 100, a 'P. AMP' dropdown set to 'PA-1', and an 'AGC' dropdown set to 'Slow'. It also includes a 'NR' (Noise Reduction) slider set to 1 and a 'NB Level' slider set to 24.
- Filter Settings:** A section for filter settings with a 'FILER' dropdown set to 'Wide' and a 'SHAPE' dropdown set to 'Soft'. It includes a 'Width' slider set to 26, 'Icom PBT' sliders for 'Outer' and 'Inner' both set to 50, and a 'Center PBT' slider.
- Scope:** A central display showing a waterfall plot of the received signal. The frequency range is from 14000 to 14350 kHz. It includes a 'HOLD' button and a 'Fix-Edge' dropdown set to 'No.1'.
- Audio Levels:** A section for audio levels with sliders for 'RX' (set to 66), 'TX' (set to 100), and 'AF-G' (set to 29).
- Band Selection:** A section for band selection with buttons for 160m, 80m, 40m, 30m, 20m, 17m, 15m, 12m, 10m, and 6m. The 20m band is currently selected.
- Mode Selection:** A section for mode selection with buttons for LSB, USB, AM, CW, CW-R, and RTTY. The USB mode is currently selected.
- Latency:** A display showing 'Latency (ms): 88'.
- Power and Status:** A top bar shows 'POWER Radio Station IC-7300' and the date/time '2025-06-07 | 20:13:07 UTC'.

Remote HF Station

Setup Audio Radio Aux

Remote Audio

Start/Restart Audio 1

Sound Card: 1 : USB Audio CODEC ▾

TX Mod 128

Local Audio

Call Radio Hang UP

Reset Local Echo Cancel

Remote HF Station

- .Operate the radio with your license
- .Use only privileges for which you are authorized
- .When done using the radio, press POWER to turn off the radio
- .Go to the “Members Only” selection on our club’s web page for a link and detailed videos

