HF Remote

ARASWF Club Remote Station

Hosted by

Arlen Hatlestad

W9PCI

Equipment

- Kenwood TS-480SAT
  - HF Multi-Mode 100 watt transceiver – 160 through 10m
  - Two Antennas - Selectable
    - ANT 1 – 10m Dipole (General direction NE / SW)
    - ANT 2 – 40m Dipole (General Direction E / W)
  - Mini-PC running Microsoft Windows 10 Home
    - Internet Connection (Wired to Switch connected to Router by Wi-Fi)
  - Rig-Blaster Interface
    - Interface between radio and computer
      - Manages COS / PTT
      - Manages Audio Tx & Rx levels

Software

- RemoteHams
  - Register at website www.remotehams.com

Home   Help   Login   **Register**

RemoteHams.com » Register

Registration Form

Required Information

Username:	
Email:	
Allow users to email me:	☐
Choose password:	
Verify password:	

Additional Information

Location:	
Grid Square: Grid Square	

Register

Software - Continued

- Download RCForb Client
  - You may get a "WARNING" about the "Safety" of the download
    - Proceed with download
      - If you are concerned about this download, install it on a "non-essential" PC
    - Select "OK / NEXT" to install the client using defaults
    - Let install place an "RCForb Client" Icon on your desktop
      - You can move it later if you wish to place it in your favorite "radio" folder
  - You will only have to install once
    - Look for updates to the RemoteHams RCForb Client
      - Stay current with updates

Software – Cont.

- To UNINSTALL RCForb Client from a PC
  - Use Windows "Remove Programs" feature to select and uninstall program.

- RemoteHams RCForb Client is available on "Android" devices $9.99

Software – Cont.

- Start RCForb Client
  - Login – Use your Username / Password chosen during registration
  - Many "Remote" stations will be listed
    - Select ARASWF
  - *** ***YOU MUST BE A PAID MEMBER OF THE ARASWF Radio Club*** ***
    - Ask Club president for authorization to use the HF Remote

RcForb Client Login

RcForb Client

RemoteHams – Cont.

- Suggest leaving most of the "options" on the Client "as-is"
  - The default setup will work most of the time
- Enter "ARASWF" in Search window
- Double-click "ARASWF Remote"
  - RemoteHams Startup Display
  - Kenwood TS-480SAT "faceplate"

RcForb Client – Search Window

Search window →

ARASWF Remote Startup Screen

RcForb Client - TS-480 Faceplate

TS-480 Faceplate – POWER ON

- ## On the "Client" screen
  - ## Click the PWR button

TS-480 Faceplate – Cont.

- On the "TS-480" Faceplate
- Become familiar with the many "buttons", "pull-down Menus" and "clickable" areas.
- Check radio for "IN-USE" by another operator
  - Radio will be powered "ON" and display will show Frequency of VFO A & B
  - LISTEN and WATCH to see what the current operator is doing with the remote
  - If radio is powered ON but no control operator is shown
    - ***ASK TO BECOME THE NEW CONTROL OPERATOR***
  - IF no answer or permission is granted by other control operator
    - Proceed as "Control Operator"
    - TRANSMIT ONLY ON FREQUENCIES PERMITTED BY YOUR LICENSE
    - TRANSMIT ONLY after checking SWR – Antennas are dipoles (40m & 10m)
    - Listening is permitted and any frequency.
  - If the radio is powered OFF, check to see if a control operator is listed

RcForb Client – Remote ON Screen

Make sure your PC volume is turned up (mid-way)

Select Sound device if default is not appropriate for your configuration

Adjust "VOL" slider on Client

RcForb – Remote ON Screen

RcForb Client – Power OFF

RcForb Client

- Log off or "X" off client
  - If you log off, you will need to log back on when you restart RcForb

  - If you "X" off, you will remain logged on when you restart RcForb

ARASWF – HF Remote

Questions?

For a "PDF" copy of this presentation, visit:

http://w9pci.com/ares/araswf/HF-Remote.pdf