



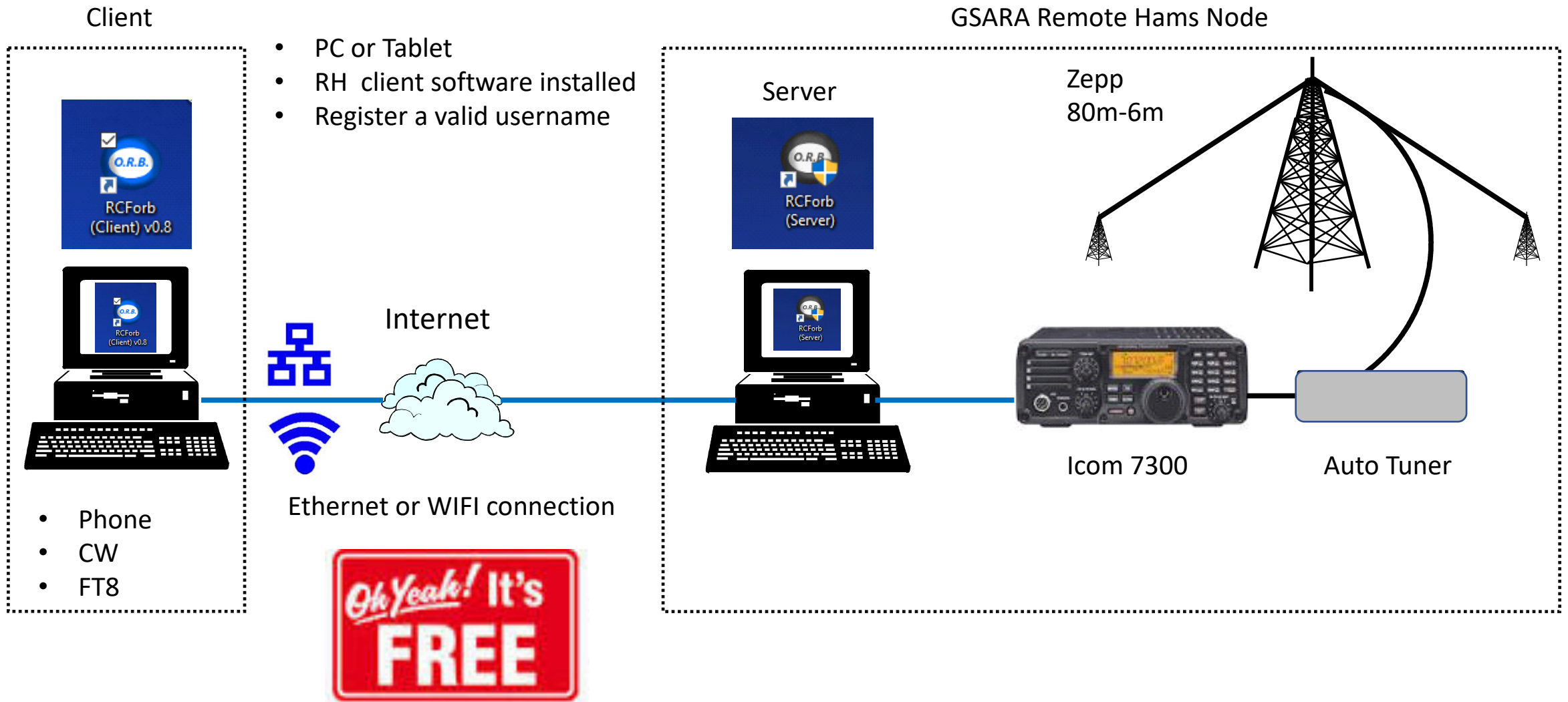
The Program

- Familiarization Program
- Hands-On tutorial (December members meeting/radio room)
- Certification from the Administrator(@first login)
- Must have a **General** or **Extra** rating

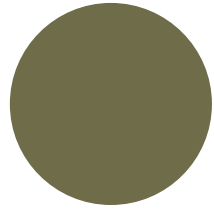
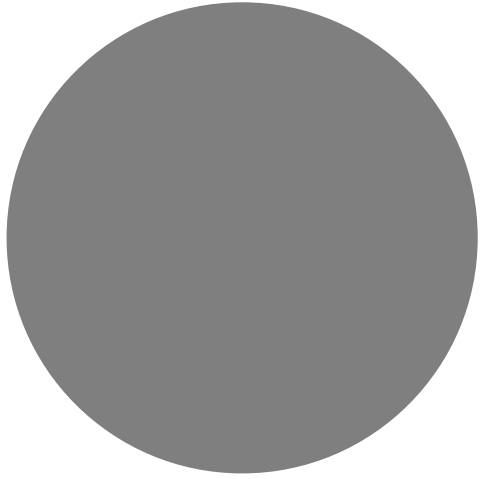
Beta Testing Team

Phil	N2EDX	Administrator
Art	N2AJO	
Denis	K2NPT	
John	KA2F	
Roberto	AC2PD	
Art G	N2NAZ	
Paul	AD7I	

Note: For reference, this presentation will be posted on the web site



NOTE: You don't have to be at home to log into the W2GSA system. You can connect from anywhere that you have an internet connection with your PC. This includes anywhere in the US and internationally.



Live Demonstration

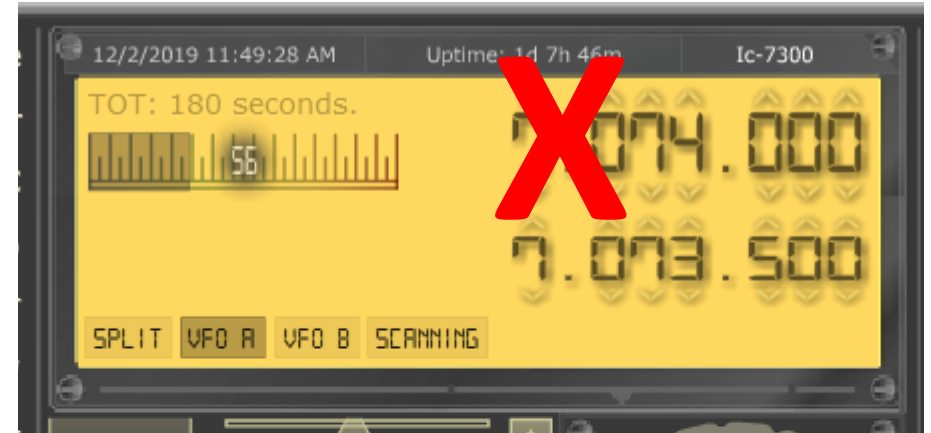
RemoteHam Restrictions

Purpose

- A.) Minimize RF interference within RR
- B.) Prevent damaging effects of RF overloading of receivers
- C.) Removal of unnecessary features
- D.) Prevent members from attempting to operate equipment outside of its design capability

The following features are not available to Club members:

- 1.) No transmit on 160m band (Rx Only)
- 2.) All frequencies 25 kHz above and below the RMS frequency of 7089 have been blocked.
- 3.) No transmit from 29.0 - 29.7 MHz
- 4.) No transmit from 50 - 54 MHz (6m Rx Only)
- 5.) No FM mode
- 6.) No SWR meter



Getting Started

www.remotehams.com

Welcome to RemoteHams.com, your online remote base community.

Enjoy operating remote amateur transceivers & more by joining our community today! Don't miss rare DX you may never have a chance to hear. Test your own signal propagation, are you being heard in a DX location? Multiple operator support allows for new methods of contesting, nets, round tables, etc. between RF and REMOTE operators.

Below is a guide to get you operating as quickly as possible using RCForb Client software. It's as simple as 1-2-3!

Step 1 - Sign Up



The first step is to register for an account. This will allow you to access our forums, gain access to remotes, join clubs and interact with the community!

Sign Up

Click Here to Sign Up

Use your callsign as your username!

Step 2 - Download RCForb Client



Do you want to remotely control a ham radio site? RCForb Client v0.8 is now available with lots of new features and layout! Some of the new features include new Skin Editor, CW Keying, Rotator Support, new DX Spots engine and more!

Download

Minimum Requirements:
- Windows XP, Vista, 7 or 8
- .NET Framework 4.0
- Adobe Flash Player Active X
- 1.0 GHz CPU
- 1GB RAM

Step 3 - Login, Select a Remote and Enjoy!



On first load, RCForb Client will ask for you to login and will remember your login details. The program will load into a "lobby" view. Double-click on a remote in the lobby and you're off!

After playing with the client and familiarizing yourself with how to operate a remote station using RCForb Client, you may want to setup a remote of your own.

Step 4 - Help the Community Grow, Share Your Radio



Help the community grow by sharing your radio. Build a multi-op club remote station or have fun sharing your remote with your friends! You have full control over all security. RCForb Server supports radios, amps, rotators and switches providing the ability to remote your whole shack with a single piece of software.

Download

Minimum Requirements:
- Windows XP, Vista, 7 or 8
- .NET Framework 4.0
- 1.0 GHz CPU
- 1GB RAM

Search

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:

[Register](#)

- After you have submitted the registration form, you will receive an e-mail with a link to confirm your registration
- You must click on the link to complete the registration process

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Enjoy operating remote amateur transceivers & more by joining our community today! Don't miss rare DX you may never have a chance to hear. Test your own signal propagation, are you being heard in a DX location? Multiple operator support allows for new methods of contesting, nets, round tables, etc. between RF and REMOTE operators.

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Minimum Requirements:

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- 1.0 GHz CPU
- 1GB RAM

RCForb Client v0.9 Public Alpha (Total Downloads: 51,006)

RCForb Client v0.9 Public Alpha is now available with lots of new features and layout! [Read More...](#)



- RCForbClientSetup_v0.9.249.exe (454 downloads) (Friday, November 01, 2019)
- RCForbClientSetup_v0.9.246.exe (20,648 downloads) (Sunday, January 14, 2018)
- RCForbClientSetup_v0.9.218.exe (11,835 downloads) (Saturday, April 29, 2017)

Next generation

Minimum Requirements:

- Windows 7 or newer
- .NET Framework 4.0
- Adobe Flash Player AX
- 2.0GHz Dual-Core or better
- 2GB of RAM (4.0GB recommended)

RCForb Client v0.8 (Total Downloads: 86,845)

Do you want to remotely control a ham radio site? RCForb Client v0.8 is now available with lots of new features and layout! Some of the new features include new Skin Editor, CW Keying, Rotator Support, new DX Spots and more!



- RCForb_Client_0.8.7235.exe (318 downloads) (Thursday, October 24, 2019)
- RCForb_Client_0.8.7093.exe (1,853 downloads) (Monday, June 03, 2019)
- RCForb_Client_0.8.6944.exe (3,036 downloads) (Saturday, January 05, 2019)

Minimum Requirements:

- Windows XP, Vista, 7 or 8
- .NET Framework 4.0
- Adobe Flash Player AX
- 1.0 GHz CPU
- 1GB RAM

Windows 10 ok

RCForb Server v0.7 (Total Downloads: 54,927)

Help the community grow by sharing your radio. Build a multi-op club remote station or have fun sharing your remote with your friends! You have full control over all security. RCForb Server supports radios, amps, rotators and switches providing the ability to remote your whole shack with a single peice of software.

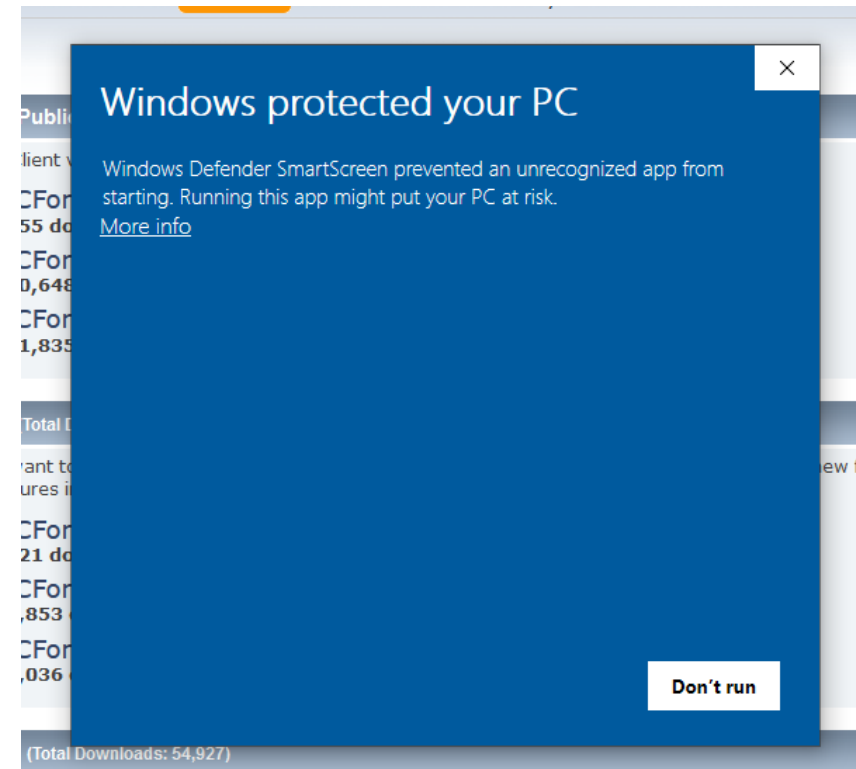
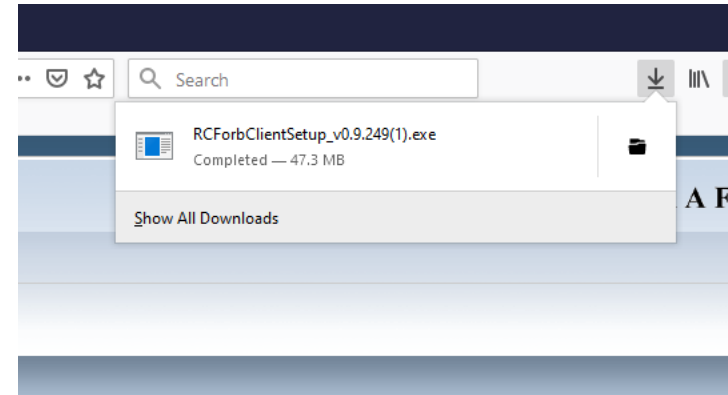
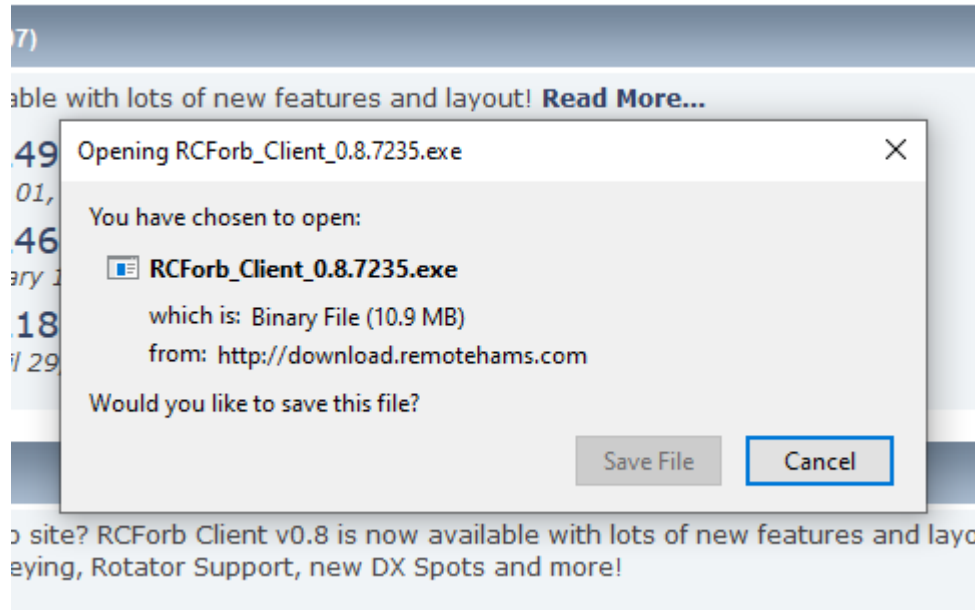


- RCForb_0.7.7235.exe (348 downloads) (Thursday, October 24, 2019)
- RCForb_0.7.7093.exe (1,585 downloads) (Monday, June 03, 2019)
- RCForb_0.7.6944.exe (2,648 downloads) (Saturday, January 05, 2019)

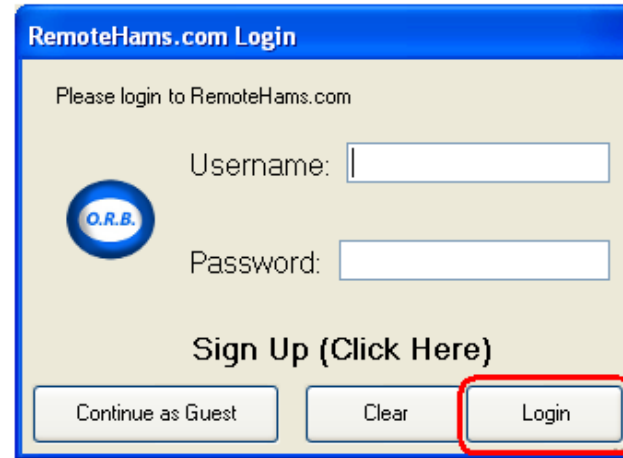
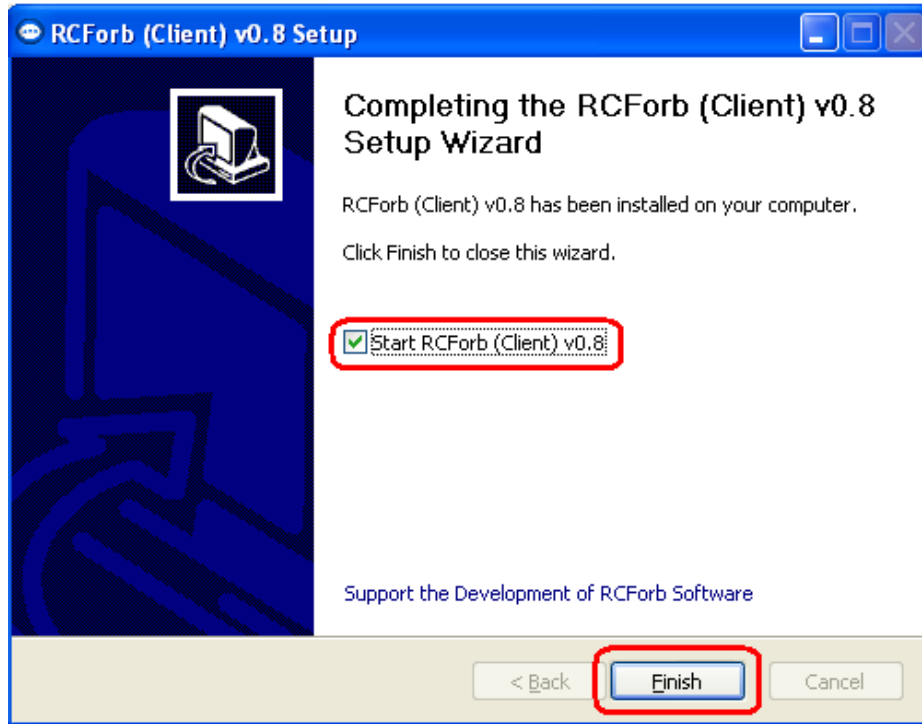
Minimum Requirements:

- Windows XP, Vista, 7 or 8
- .NET Framework 4.0
- 1.0 GHz CPU
- 1GB RAM

NOTE: Currently there is no client support for **MAC OS, IOS or Linux.**



community grow by sharing your radio. Build a multi-op club remote station or have fun sharing



Your user name is your call sign

Fill in the password you selected during registration.

Click on the "Login" button

Before you connect to any of the radio servers, review the rules regarding remote usage found at this link:

<http://www.remotehams.com/rules.html>

Important

Lobby Screen

Step 1 upload your license

RCForb (Online Remote Base) by RemoteHams.com

File Options ***Upload Amateur Radio License*** New Version! Skins Reserved Slots Windows Help

SPKR MIC Vol Mic Play VOX RX STBY TX Delay: 0.00s

Num Pad **Lobby**

Number Pad kHz : Connect Search: Find Next Sync Auto Refresh

All Online Club Only Non-Club TX Capable RX Only Offline

Clubs: 141 | TX: 169 | Total Online: 220

Remote Name	Radio	TX	City	State	Country
W2GSA GSARA **MEMBERS ONLY REMOTE**	Ic-7300	<input checked="" type="checkbox"/>	Tinton Falls	NJ	United States
N2AJ0 Remote Club Only 10m-40m only	Ic-7300	<input checked="" type="checkbox"/>	Brick	NJ	United States
Remote SP	K3	<input checked="" type="checkbox"/>	Polichno	Swiet...	A--Poland
3Z8FLY (ex. SQ8GBJ),SP8SIW,SQ8GBH Virtual Radio Club RCForb	K3	<input checked="" type="checkbox"/>	Narol	Podk...	A-Poland
VK2BV 7100	Ic-7100	<input checked="" type="checkbox"/>	Sydney	NSW	Australia
VK6XT	Ic-7300	<input checked="" type="checkbox"/>	Broomehill	WA	Australia
VK6AHR. HARG Club Station **HARG Members Only**	FTDX-3000	<input checked="" type="checkbox"/>	Perth	West...	Australia
PU7MKI-L Exclusive for verified Radioamateurs. #hamradio only.	Server	<input checked="" type="checkbox"/>	Fortaleza	CE	Brazil
PY1AJB	Baofeng U...	<input checked="" type="checkbox"/>	Saquarema	RJ	Brazil
PP5CG	Ic-7300	<input checked="" type="checkbox"/>	Bal Piçarras	SC	Brazil
PY2EQJ - Casa Branca-SP-Brasil - www.py2eqj.salabra.com.br	Baofeng	<input checked="" type="checkbox"/>	Casa Bran...	SP	Brazil
VE6HM (NARC) FT-950	FT-950	<input checked="" type="checkbox"/>	Edmonton	AB	Canada
VE6ISS (HF- VHF)	FT-897	<input checked="" type="checkbox"/>	Alberta Be...	Alberta	Canada
VA6ET - VHF only	FT-847	<input checked="" type="checkbox"/>	Spruce Gr...	Alberta	Canada
VE9UNB	TS-450	<input checked="" type="checkbox"/>	Fredericton	New ...	Canada
VE9EX	Ic-7000	<input checked="" type="checkbox"/>	Hanwell	New ...	Canada
VE4WSC	TS-850	<input checked="" type="checkbox"/>	Winnipeg	mb	Canada
OZ5BIR	Ic-9100	<input checked="" type="checkbox"/>	Birkørød		Denmark
OH5AD Radio Club Hamina *For Club Members Only*	K3	<input checked="" type="checkbox"/>	Hamina	Finland	Finland
DJ0A	TS-590	<input checked="" type="checkbox"/>	Esslingen	BW	Germany
DK0FJ - P48 Club Station	TS-590	<input checked="" type="checkbox"/>	Plattenhardt	BW	Germany
DO4CQ DL9ZU - 80m-10m inkl. WARC,100w, 2 x 30m Dipole - 18m over Ground	Ic-7300	<input checked="" type="checkbox"/>	Landsber...	Bavaria	Germany
DK6HF- Icom Ic-7100 / 80-10m 2x41 Dipol 20m Hoch	Ic-7100	<input checked="" type="checkbox"/>	Eckental	Bayern	Germany
DL1RME-2	Ic-706Mk1G	<input checked="" type="checkbox"/>	Werder (H...	Brand...	Germany
DL0BI 70cm Remote 2 x Langyagi	Ic-7100	<input checked="" type="checkbox"/>	Babenhau...	Germ...	Germany
DK2KW - Icom IC-7400 - at center from Germany	Ic-746 Pro	<input checked="" type="checkbox"/>	Bebra	Hessen	Germany

Chat Room

RCForb (Online Remote Base) Client v0.8
Remote Control of Your Ham Radio Station!

Please connect to a remote by using the Online List in the Lobby.

Notify on Ask To Tune
 Do Not Clear Chat History

Font Size 12 Type a message... Smilies Ask Send

CW DX Spots Memories Activity

Users

Welcome, k2npt.

Manage Your License



Account Details

(You may edit your profile in the forums.)

Username: **k2npt**

Realname: **k2npt**

Location: **Mantoloking, NJ**

(You may edit your location in the forums.)

Email: **capt_calyx@comcast.net**

Last IP: 4.31.18.13

Last IP2: 69.142.26.1

- JPEG copy of license(<1MB)
- Select it
- Send

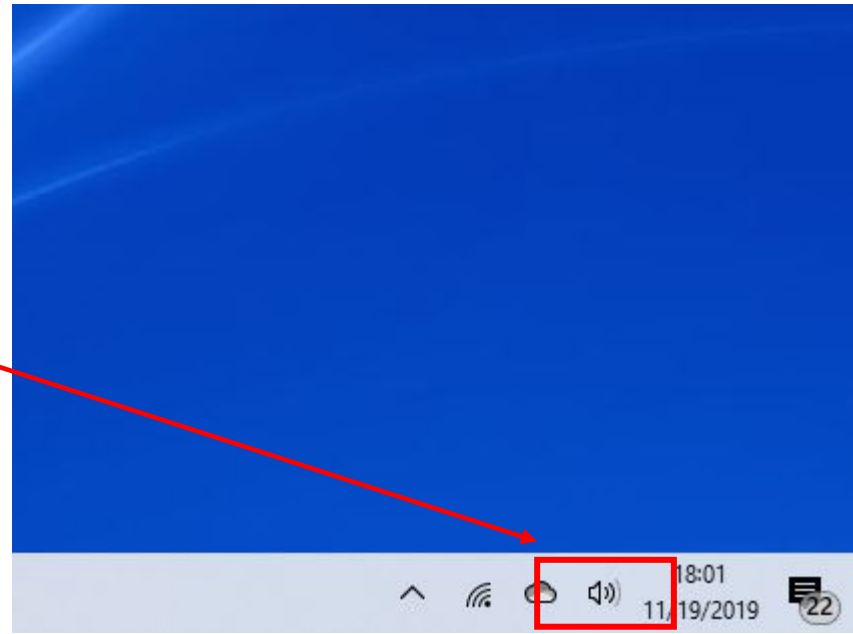
(Click Image to Enlarge)

Pick image file: No file selected. (Max Size: 2MB; Formats Allowed: BMP, GIF, JPG, PDF, PNG, TIFF)

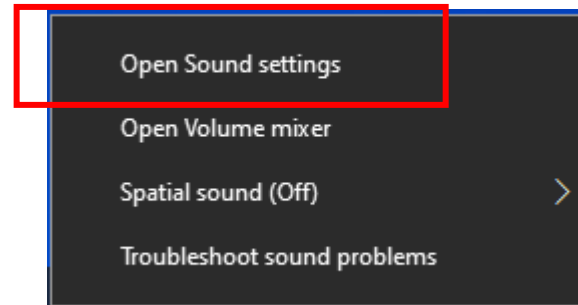
NOTE: This is very important should you desire to use other RH Stations in addition to the W2GSA Station.



AR2USB



Right click



PC sound settings

The screenshot shows the Windows Settings application with the 'Sound' page selected. The left sidebar lists various system settings, with 'Sound' highlighted. The main content area is divided into 'Output' and 'Input' sections. Three red boxes highlight the 'Output' section (including the 'Choose your output device' dropdown), the 'Input' section (including the 'Choose your input device' dropdown), and the 'Device properties' link in the input section. The 'Output' section shows 'Speakers (ATR2USB)' selected and a master volume slider at 21. The 'Input' section shows 'Microphone (ATR2USB)' selected and a 'Test your microphone' slider. The right sidebar contains 'Related Settings' and 'Have a question?' links.

Settings

Home

Find a setting

System

- Display
- Sound**
- Notifications & actions
- Focus assist
- Power & sleep
- Storage
- Tablet mode
- Multitasking
- Projecting to this PC
- Shared experiences
- Clipboard
- Remote Desktop
- About

Sound

Output

Choose your output device

Speakers (ATR2USB)

Certain apps may be set up to use different sound devices than the one selected here. Customize app volumes and devices in advanced sound options.

[Device properties](#)

Master volume

21

Troubleshoot

[Manage sound devices](#)

Input

Choose your input device

Microphone (ATR2USB)

Certain apps may be set up to use different sound devices than the one selected here. Customize app volumes and devices in advanced sound options.

[Device properties](#)

Test your microphone

Troubleshoot

[Manage sound devices](#)

Related Settings

- [Bluetooth and other devices](#)
- [Sound Control Panel](#)
- [Microphone privacy settings](#)
- [Ease of Access audio settings](#)

Have a question?

- [Set up a microphone](#)
- [Fix sound problems](#)
- [Get help](#)

Make Windows better

- [Give us feedback](#)

🏠 Device properties

🎧 Microphone Rename

Disable

Volume

🎧  80

Test

Related Settings

[Additional device properties](#)

Have a question?

[Get help](#)

Make Windows better

[Give us feedback](#)

RCForb (Online Remote Base) by RemoteHams.com

File Options * Upload Amateur Radio License *

SPKR MIC

Num Pad

Number Pad

1 2 3 C
4 5 6 M
7 8 9 R
0 Enter

Band Select
Current Band
HAM Bands
SWL Bands
AIR Bands

Lobby

Connect Search: Find Next Sync Auto Refresh

All Online Club Only Non-Club TX Capable RX Only Offline

Remote Name

W2GSA GSARA **MEMBERS ONLY REMOTE**

N2AJ0 Remote Club Only 10m-40m only

Remote SP
3Z8FLY (ex. SQ8GBJ), SP8SIW, SQ8GBH Virtual Radio Club RCForb
VK2BV 7100
VK6XT
VK6AHR. HARG Club Station **HARG Members Only**
PU7MKI-L Exclusive for verified Radioamateurs. #hamradio only.
PY1AJB
PP5CG
PY2EQJ - Casa Branca-SP-Brasil - www.py2eqj.salabra.com.br
VE6HM (NARC) FT-950
VE6ISS (HF- VHF)
VA6ET - VHF only

Radio	TX	City	State	Country
Ic-7300	<input checked="" type="checkbox"/>	Tinton Falls	NJ	United States
Ic-7300	<input checked="" type="checkbox"/>	Brick	NJ	United States
K3	<input checked="" type="checkbox"/>	Polichno	Swiet...	---A---Poland
K3	<input checked="" type="checkbox"/>	Narol	Podk...	A-Poland
Ic-7100	<input checked="" type="checkbox"/>	SYdney	NSW	Australia
Ic-7300	<input checked="" type="checkbox"/>	Broomehill	WA	Australia
FTDX-3000	<input checked="" type="checkbox"/>	Perth	West...	Australia
Server	<input checked="" type="checkbox"/>	Fortaleza	CE	Brazil
Baofeng U...	<input checked="" type="checkbox"/>	Saquarema	RJ	Brazil
Ic-7300	<input checked="" type="checkbox"/>	Bal Piçarras	SC	Brazil
Baofeng	<input checked="" type="checkbox"/>	Casa Bran...	SP	Brazil
FT-950	<input checked="" type="checkbox"/>	Edmonton	AB	Canada
FT-897	<input checked="" type="checkbox"/>	Alberta Be...	Alberta	Canada
FT-847	<input checked="" type="checkbox"/>	Soruce Gr...	Alberta	Canada

Clubs: 141 | TX: 169 | Total Online: 220

Vol Mic

Play VOX RX STBY TX Delay: 0.00s

RCForb (Online Remote Base) by RemoteHams.com

File Options * Upload Amateur Radio License *

SPKR Speakers (ATR2USB) MIC

Num Pad

Number Pad

1 2 3 C
4 5 6 M
7 8 9 R
0 Enter

Band Select
Current Band
HAM Bands
SWL Bands
AIR Bands

Lobby

Connect Search: Find Next Sync Auto Refresh

All Online Club Only Non-Club

Remote Name

W2GSA GSARA **MEMBERS ONLY REMOTE**

RCForb (Online Remote Base) by RemoteHams.com

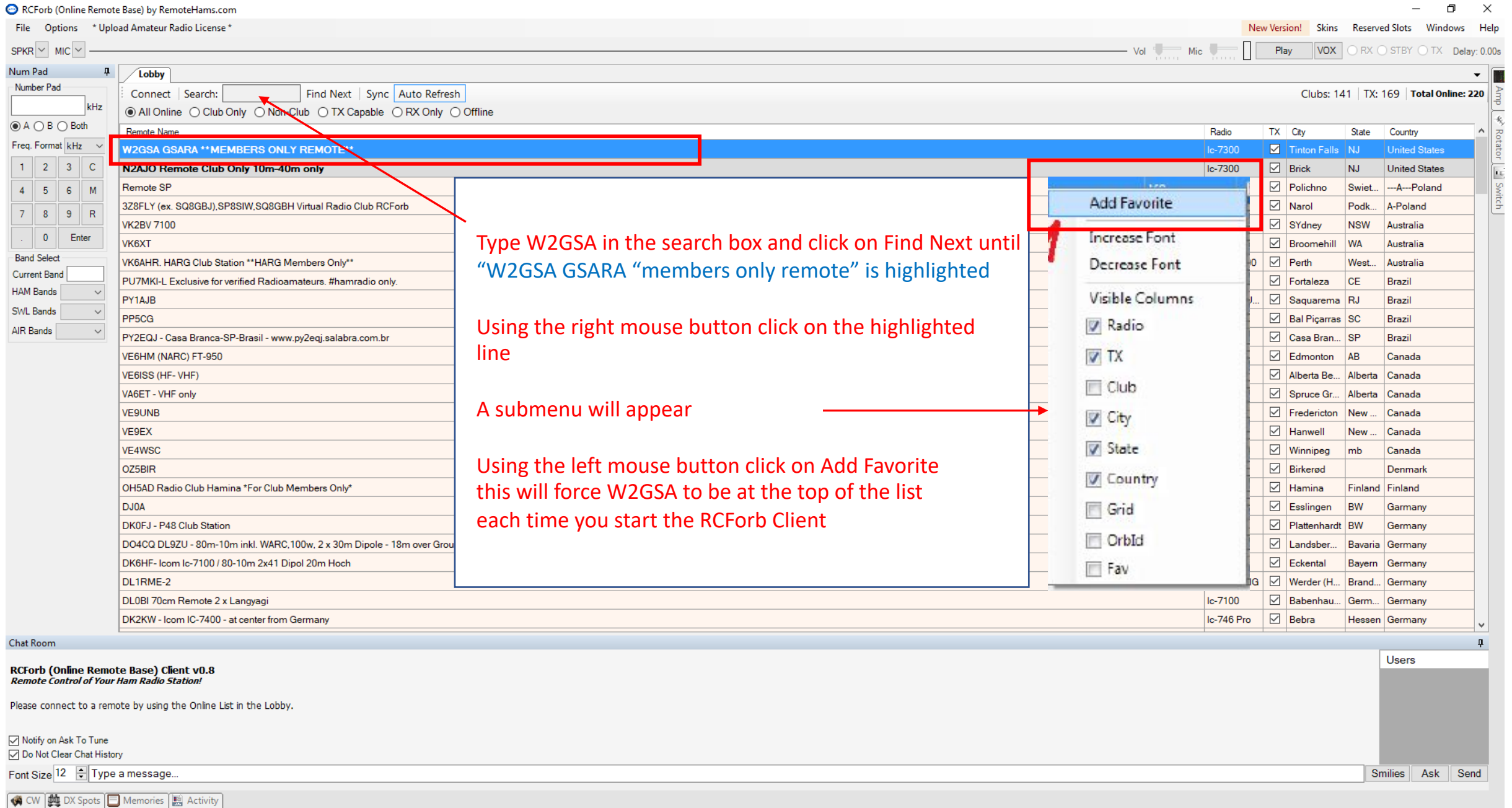
File Options * Upload Amateur Radio License *

SPKR MIC

Vol Mic

Play VOX RX STBY TX Delay: 0.00s

Clubs: 141 | TX: 169 | Total Online: 220



Type W2GSA in the search box and click on Find Next until “W2GSA GSARA “members only remote” is highlighted

Using the right mouse button click on the highlighted line

A submenu will appear

Using the left mouse button click on Add Favorite this will force W2GSA to be at the top of the list each time you start the RCForb Client

Double click to open

RCForb (Online Remote Base) by RemoteHams.com

File Options * Upload Amateur Radio License * New Version! Skins Reserved Slots Windows Help

SPKR MIC Vol Mic Play VOX RX STBY TX Delay: 0.00s

Num Pad **Lobby** Clubs: 141 | TX: 169 | Total Online: 220

Number Pad: [0-9] kHz
A B Both
Freq. Format kHz
1 2 3 C
4 5 6 M
7 8 9 R
0 Enter

Band Select
Current Band
HAM Bands
SiWL Bands
AIR Bands

Connect Search: Find Next Sync Auto Refresh
 All Online Club Only Non-Club TX Capable RX Only Offline

Remote Name	Radio	TX	City	State	Country
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Remote SP	K3	<input checked="" type="checkbox"/>	Poichno	Swiet...	---A---Poland
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VK6AHR. HARG Club Station **HARG Members Only**	FTDX-3000	<input checked="" type="checkbox"/>	Perth	West...	Australia
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PP5CG	Ic-7300	<input checked="" type="checkbox"/>	Bal Piçarras	SC	Brazil
PY2EQJ - Casa Branca-SP-Brasil - www.py2eqj.salabra.com.br	Baofeng	<input checked="" type="checkbox"/>	Casa Bran...	SP	Brazil
VE6HM (NARC) FT-950	FT-950	<input checked="" type="checkbox"/>	Edmonton	AB	Canada
VE6ISS (HF- VHF)	FT-897	<input checked="" type="checkbox"/>	Alberta Be...	Alberta	Canada
VA6ET - VHF only	FT-847	<input checked="" type="checkbox"/>	Spruce Gr...	Alberta	Canada
VE9UNB	TS-450	<input checked="" type="checkbox"/>	Fredericton	New ...	Canada
VE9EX	Ic-7000	<input checked="" type="checkbox"/>	Hanwell	New ...	Canada
VE4WSC	TS-850	<input checked="" type="checkbox"/>	Winnipeg	mb	Canada
OZ5BIR	Ic-9100	<input checked="" type="checkbox"/>	Birkerød		Denmark
OHSAD Radio Club Hamina *For Club Members Only*	K3	<input checked="" type="checkbox"/>	Hamina	Finland	Finland
DJ0A	TS-590	<input checked="" type="checkbox"/>	Esslingen	BW	Garmany
DK0FJ - P48 Club Station	TS-590	<input checked="" type="checkbox"/>	Plattenhardt	BW	Germany
DO4CQ DL9ZU - 80m-10m inkl. WARC,100w, 2 x 30m Dipole - 18m over Ground	Ic-7300	<input checked="" type="checkbox"/>	Landsber...	Bavaria	Germany
DK6HF- Icom Ic-7100 / 80-10m 2x41 Dipol 20m Hoch	Ic-7100	<input checked="" type="checkbox"/>	Eckental	Bayern	Germany
DL1RME-2	Ic-706MkIIg	<input checked="" type="checkbox"/>	Werder (H...	Brand...	Germany
DL0BI 70cm Remote 2 x Langyagi	Ic-7100	<input checked="" type="checkbox"/>	Babenhau...	Germ...	Germany
DK2KW - Icom IC-7400 - at center from Germany	Ic-746 Pro	<input checked="" type="checkbox"/>	Bebra	Hessen	Germany

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Please connect to a remote by using the Online List in the Lobby.

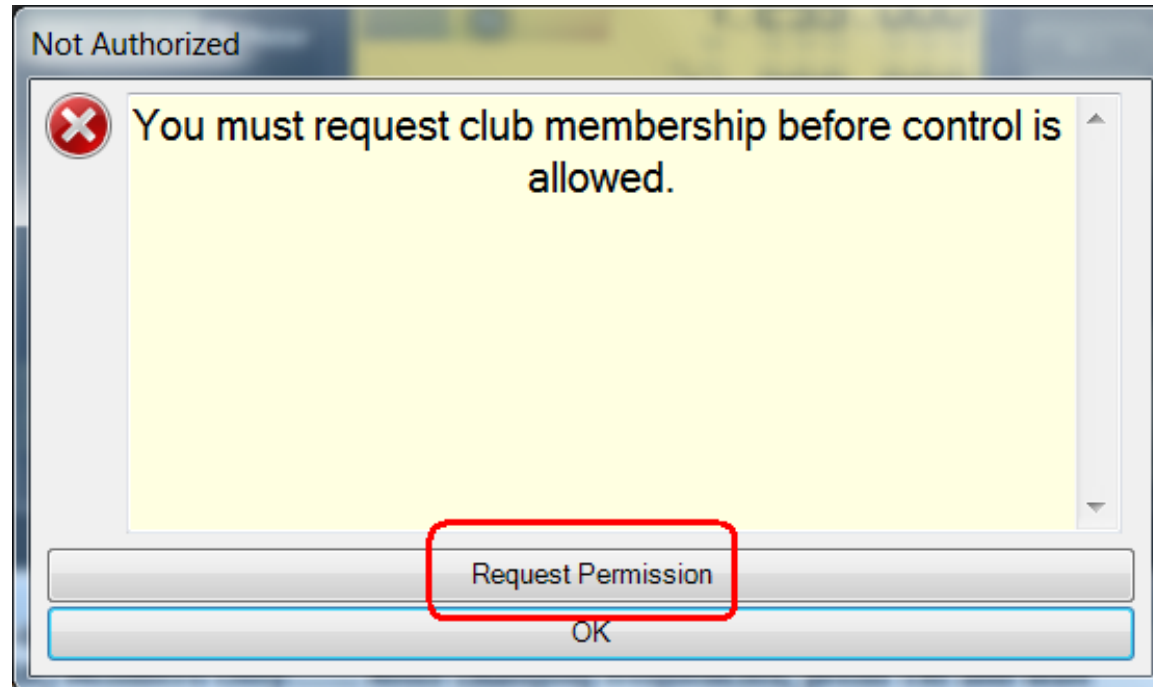
Notify on Ask To Tune
 Do Not Clear Chat History

Font Size 12 | Type a message... Smilies Ask Send

CW DX Spots Memories Activity

Users

Request Permission



- First time you login with registered call sign a "Request permission" will be posted to the server
- Administrator will enable control and TX for your call sign



SPKR MIC

Vol Mic Pause VOX RX STBY TX Delay: 0.24s

Num Pad Lobby W2GSA GSARA **MEMBERS O...

Number Pad

kHz

A B Both

Freq. Format kHz

1	2	3	C
4	5	6	M
7	8	9	R
.	0	Enter	

Band Select

Current Band 40M

HAM Bands 40M

SWL Bands

AIR Bands

LSB Mode

Medium Filter

Slow AGC

Off Pre Amp

Off ATT

Mid Tx BW

ALC Tx Mtr

Normal CW Method

Elements

CW

11/20/2019 11:52:26 AM Uptime: 2h 51m 55s Ic-7300

TOT: 180 seconds.

59 + 4

7.255.000

14.300.000

SPLIT VFO A VFO B SCANNING

14 %

22 %

0

0 PBT Inside

PWR Test Lock

TXd Comp ANF

QSK Tune ATU

NB NR VFO A

VFO B A/B Split

PB Clr

0.1 k

0.1 k

Info

Please give credit to this remote, W2GSA, when giving your call signBe Sure to Operate Within Your License Class Privileges***

OK

ECARS - ecars7255.com

Control OP: * Remote Open *

Num Pad

Number Pad

kHz

A B Both

Freq. Format kHz

1	2	3	C
4	5	6	M
7	8	9	R
.	0	Enter	

Band Select

Current Band 40M

HAM Bands 40M

SWL Bands

AIR Bands

LSB Mode

Medium Filter

Slow AGC

Off Pre Amp

Off ATT

Mid Tx BW

ALC Tx Mtr

Normal CW Method

Elements

CW

11/20/2019 12:02:12 PM Uptime: 3h 1m 46s Ic-7300

TOT: 180 seconds.

7.255.000

14.300.000

SPLIT VFO A VFO B SCANNING

14 % NB Level

22 % NR Level

0 PBT Outside

0 PBT Inside

PWR

Test

Lock

TXd

Comp

ANF

QSK

Tune

ATU

NB

NR

VFO A

VFO B

A/B

Split

PB Clr

0.1 k

0.1 k

ECARS - ecars7255.com
Control OP: * Remote Open *

Chat Room

[System | 2019-11-20 11:59:53 -05:00]
 Welcome to the Gardern State Amateur Radio Assoc, RemoteHams Service. GSARA membership is required for access to this system. For membership information or to learn more about GSARA you may visit us at <https://www.gsara.club>

[System | 2019-11-20 11:59:53 -05:00]
 Welcome to the Gardern State Amateur Radio Assoc, RemoteHams Service. GSARA membership is required for access to this system. For membership information or to learn more about GSARA you may visit us at <https://www.gsara.club>

Notify on Ask To Tune
 Do Not Clear Chat History

Font Size 13 Type a message...

Smilies Ask Send

Users: 0

(A) k2npt

important



File Options * Upload Amateur Radio License * New Version! Skins Reserved Slots Windows Help

SPKR MIC Vol Mic Pause VOX RX STBY TX Delay: 0.24s

Num Pad Lobby W2GSA GSARA **MEMBERS O...

Number Pad

kHz

A B Both

Freq. Format kHz

1	2	3	C
4	5	6	M
7	8	9	R
.	0	Enter	

Band Select

Current Band 40M

HAM Bands 40M

SWL Bands

AIR Bands

10/9/2019 10:24:34 AM
Uptime: 3d 6h 22m
Ic-7300

TOT: 180 seconds.

7.258.000

7.074.500

SPLIT VFO A VFO B SCANNING

LSB Mode

Medium Filter

Slow AGC

Off Pre Amp

Off ATT

Mid Tx BW

ALC Tx Mtr

Normal CW Method

Faults

Elements

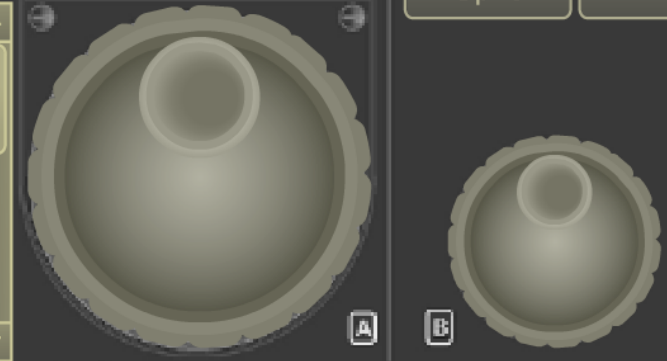
CW

8 % NB Level

22 % NR Level

0 PBT Outside

0 PBT Inside



PWR Test Lock

TXd Comp ANF

QSK Tune ATU

NB NR VFO A

VFO B A/B Stop

Split PB Clr


0.1 k

0.1 k

Ampl Rotator Switch

MIDCARS - midcars.net

Control OP: k2npt



Chat Room

[System | 2019-10-09 10:19:31 -04:00]
 Welcome to the Gardern State Amateur Radio Assoc, RemoteHams Service. GSARA membership is required for access to this system. For membership

[System | 2019-10-09 10:19:31 -04:00]
 Welcome to the Gardern State Amateur Radio Assoc, RemoteHams Service. GSARA membership is required for access to this system. For membership

Notify on Ask To Tune
 Do Not Clear Chat History

Font Size 13 Type a message...

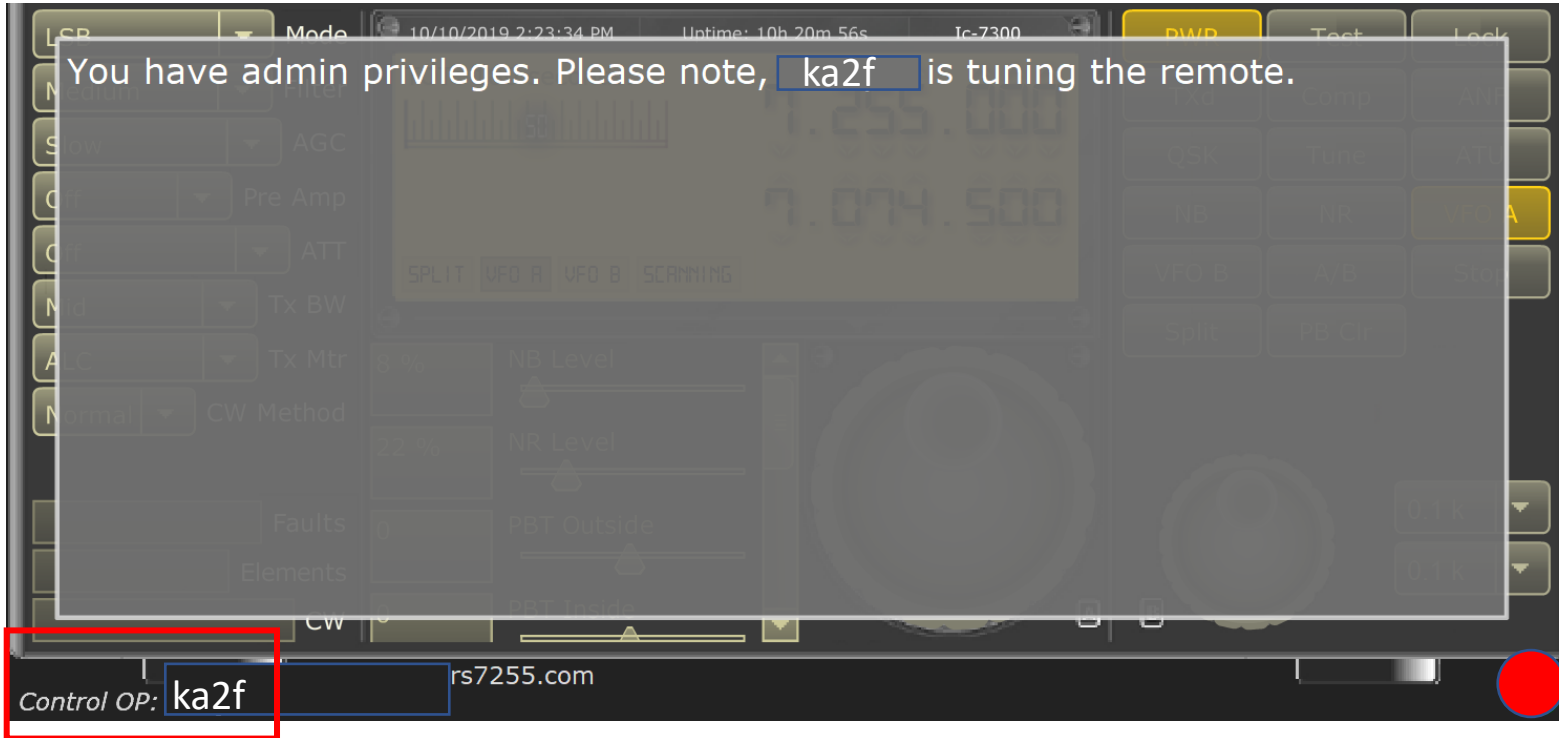
CW DX Spots Memories Activity

- Blinking green – remote is open or under control of a single user
- Blinking red – there is a control operator assigned

Users: 0

(A) k2npt

Smilies Ask Send

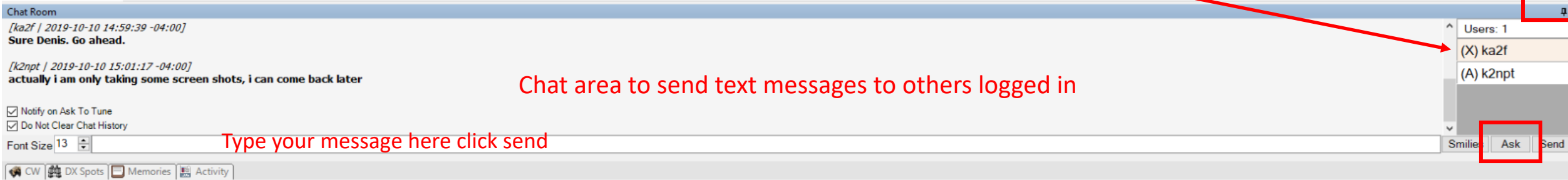


- Several users can be connected simultaneously
- Control operator is last person to click on a radio control
- (X) Indicates the control operator

Chat Room

Chat area to send text messages to others logged in

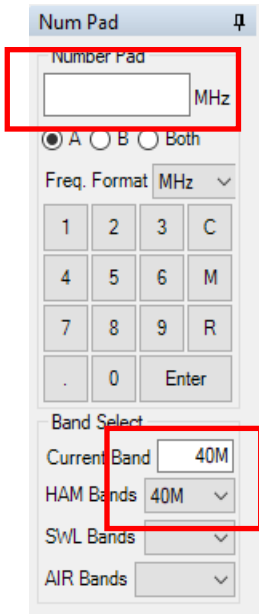
Type your message here click send



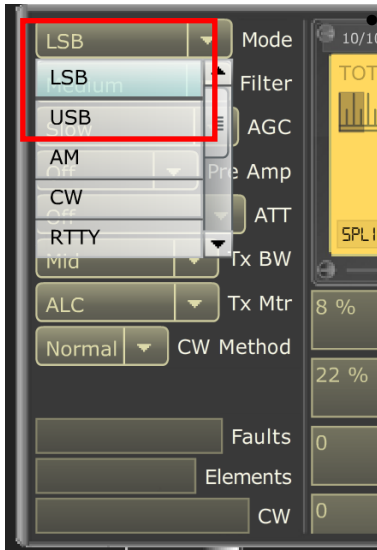
Band and frequency tuning

The screenshot shows a radio control software interface with several key components and annotations:

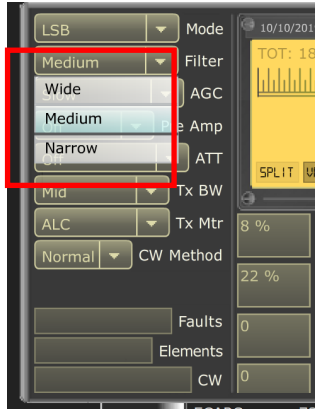
- Top Bar:** Includes a menu bar (File, Options, * Upload Amateur Radio License *), a microphone level indicator, and a "New Version!" notification.
- Left Panel:** Contains a "Num Pad" with a numeric keypad and a "Band Select" section with dropdown menus for "Current Band" (40M), "HAM Bands" (40M), "SWL Bands", and "AIR Bands".
- Mode and Filter Section:** A red box highlights the "LSB" mode and "Medium" filter settings.
- Frequency Display:** A central yellow display shows the current frequency "7.258.000" and a target frequency "7.074.500". A red arrow points to the "2" digit of the current frequency, labeled "Increment frequency digit". Another red arrow points to the "7" digit of the target frequency, labeled "Decrement frequency digit".
- Right Panel:** Features a grid of function buttons including "PWR", "Test", "Lock", "TXd", "Comp", "ANF", "QSK", "Tune", "ATU", "NB", "NR", "VFO A", "VFO B", "A/B", "Split", and "PB Clr". A "Tuning resolution" dropdown menu is open, showing options from 0.05 k to 0.5 k.
- Bottom Panel:** Includes a large "VFO A tuning" knob and a smaller "VFO B tuning" knob. Below them are sliders for "NB Level" (8%), "NR Level" (22%), "PBT Outside", and "PBT Inside".
- Footer:** Displays "MIDCARS - midcars.net" and "Control OP: k2npt".



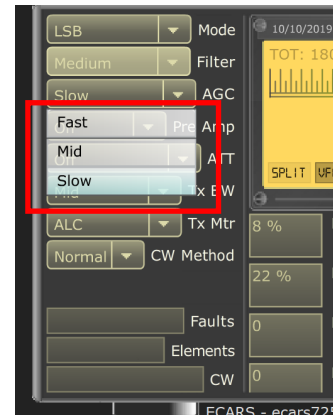
- Select the **band** from the drop down window and enter a **frequency** in the band range.
- For example, type 7.235 in the Window



From the **mode** drop down menu select LSB/USB (see note)



- From the **filter** drop down menu, select a width.



- From the **AGC** drop down menu, select a setting

NOTE: When changing bands, the rig does not automatically switch sidebands (shifting between *VFO A to B*, the mode will change automatically)

The screenshot shows the Icom IC-7300 software interface. At the top, there's a menu bar with 'File', 'Options', and '* Upload Amateur Radio License *'. Below that is a status bar with 'SPKR', 'MIC', volume and microphone level indicators, and buttons for 'Pause', 'VOX', 'RX', 'STBY', 'TX', and 'Delay: 0.24s'. The main interface is divided into several sections:

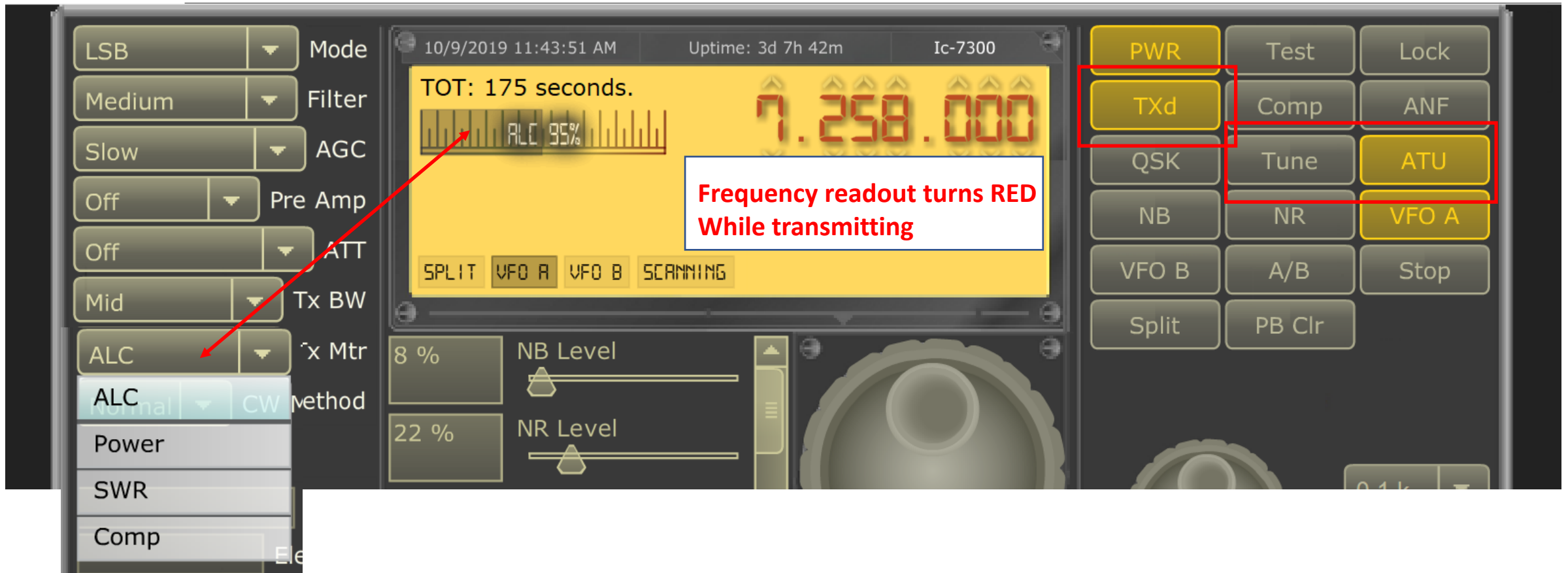
- Left Panel:** Includes a 'Num Pad' with a frequency input field (kHz), radio mode selection (A, B, Both), frequency format (kHz), a numeric keypad (1-9, 0, Enter), and band selection options (Current Band: 40M, HAM Bands: 40M, SWL Bands, AIR Bands).
- Mode and Filter Section:** Controls for 'Mode' (LSB), 'Filter' (Medium), 'AGC' (Slow), 'Pre Amp' (Off), 'ATT' (Off), 'Tx BW' (Mid), 'Tx Mtr' (ALC), and 'CW Method' (Normal).
- Central Display:** Shows the date and time (10/9/2019 10:24:34 AM), uptime (3d 6h 22m), and radio model (Ic-7300). The main display shows 'TOT: 180 seconds.' and two frequency readouts: 7.258.000 and 7.074.500. Below the display are buttons for 'SPLIT', 'VFO A', 'VFO B', and 'SCANNING'.
- Right Panel:** Features a grid of function buttons including 'PWR', 'Test', 'Lock', 'TXd', 'Comp', 'ANF', 'QSK', 'Tune', 'ATU', 'NB', 'NR', 'VFO A', 'VFO B', 'A/B', 'Stop', 'Split', and 'PB Clr'. There are also two frequency step buttons (0.1 k).
- Bottom Section:** Contains three meters: 'NB Level' (8%), 'NR Level' (22%), and 'PBT' (Outside: 0, Inside: 0). There are also two large rotary knobs for manual tuning.

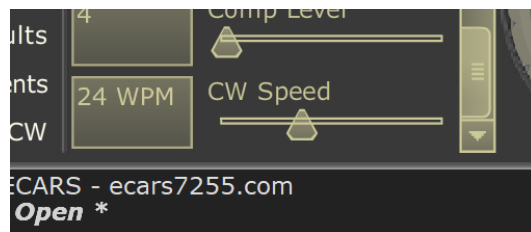
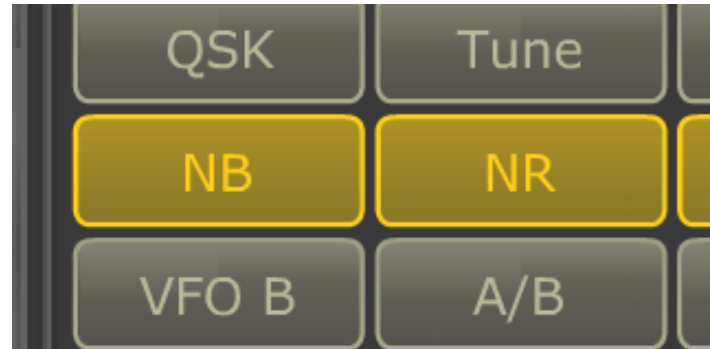
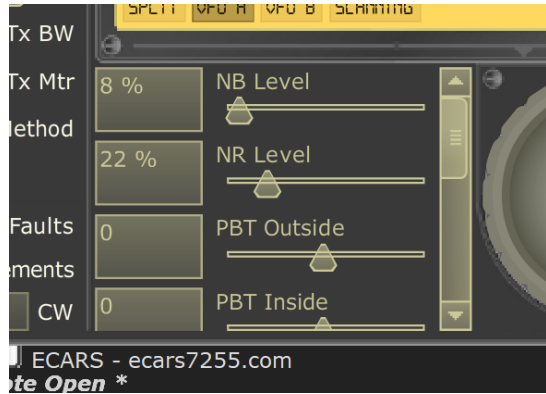
IMPORTANT

- Before you transmit, you should tune the antenna
- Whenever you change bands, or make significant changes to the frequency on the radio, you should re-tune the antenna.

Transmitting

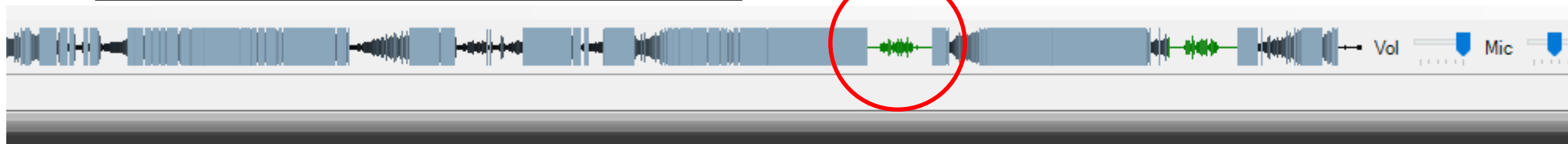
NOTE: TX Operation by pressing the space bar is possible but it must be “bound” to the TX button. To “bind” the space bar to the TX button, you must first click on the TX button. As long as the TX button is the last item you have clicked on, the Space Bar will be “bound”.







Occasional red spike OK



10/9/2019 11:43:51 AM Uptime: 3d 7h 42m Ic-7300

TOT: 175 seconds.

ALC 95%

7.258.000

7.074.500

SPLIT VFO A VFO B SCANNING

8 % NB Level

22 % NR Level

LSB Mode

Medium Filter

Slow AGC

Off Pre Amp

Off ATT

Mid Tx BW

ALC Tx Mtr

Normal CW Method

PWR Test Lock

TXd Comp ANF

QSK Tune ATU

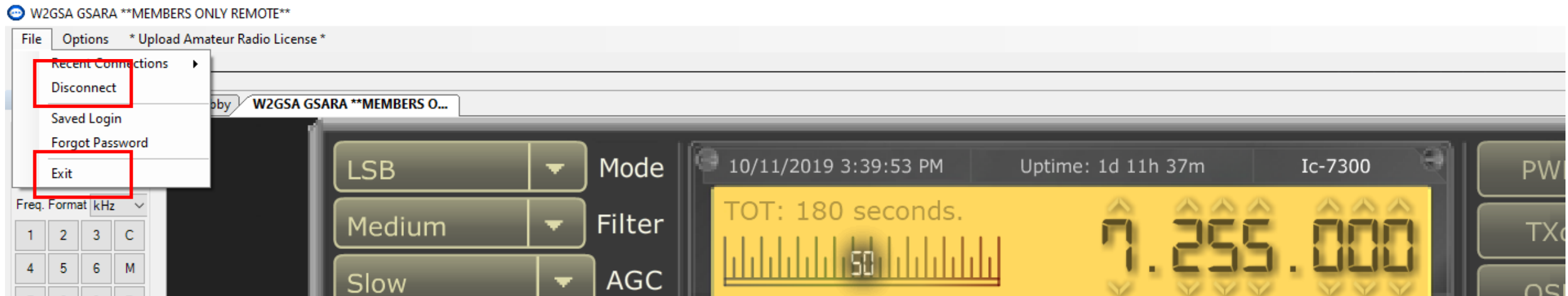
NB NR VFO A

VFO B A/B Stop

Split PB Clr

End Session

- When you have finished using the W2GSA remote, please click on the “**PWR**” button to turn off the radio.
- After confirming that the radio is off, click on “**File**”, then click “**Disconnect**”. This will return you to the “**Lobby**” list of remotes.
- To close the RCForb Client, click “**File**”, then click “**Exit**”.



Phase 2

- Those members who are interested in RH, please sign the registration sheet
- Call signs will be added to the RH Server as “Club Members” which will allow login but not transmission
- After a hands on orientation, Tx privileges will be granted by the Administrator

Some Important Notes

- Use your own call sign when operating NOT the club license
- The Grid Location for the remote is **FN20xa**
- Be mindful of the control operator and do not monopolize the system
- Server will disconnect after 1 hour of inactivity
- Three minute TOT has been implemented to ensure Part 97 compliance
- The GSARA RH Server Reboots every Sunday Mornings @ 4:00am
- Members are encouraged to turn OFF the radio when finished; however, the server will shutdown the radio if no user activity is detected as a safeguard to internet link loss

NOTE: At this point, you can also connect up to other “open” systems throughout the US and the rest of the world. You will need to contact the system administrator on these systems to request access.

It is up to the individual operator to stay within the privileges of their license class for operation within the ham bands.

Download
Register
Get On the Air

Enjoy using the W2GSA remote HF station

http://beta.remotehams.com/orb/RCForb_Client_Manual.pdf

http://beta.remotehams.com/orb/RemoteHams_Getting_Started_K3_20151123.pdf

- <http://www.remotehams.com/help.html>
- <http://www.remotehams.com/forums/>

Questions

I ♥ FT8

FT8

Band Activity

UTC	dB	DT	Freq	Message
214715	-19	0.6	1825	~ WWSXX EL09
214715	-18	0.6	1068	~ CQ N5XZ EL29 U.S.A.
214715	6	0.6	739	~ CQ W0WC EM27 U.S.A.
214715	-10	0.7	945	~ CQ K5MM EM00 U.S.A.
214730	-16	0.6	562	~ CQ HK3JUH FU24 Colombia
214730	-3	0.6	2143	~ CQ WB4CIW DM79 U.S.A.
214745	-16	0.6	1068	~ CQ N5XZ EL29 U.S.A.
214745	-2	0.6	738	~ CQ W0WC EM27 U.S.A.
214745	-16	0.7	1908	~ CQ N9RC EM79 U.S.A.

Rx Frequency

UTC	dB	DT	Freq	Message
214715	-18	0.6	1068	~ CQ N5XZ EL29 U.S.A.
214715	-18	0.6	1068	~ CQ N5XZ EL29 U.S.A.
214745	-16	0.6	1068	~ CQ N5XZ EL29 U.S.A.

Control Panel

14.074 000

DX Call: PT7BL | DX Grid: HI06

Az: 135 | 3729 mi

2019 Oct 08 21:48:03

Receiving FT8

LogData-2019-07-Week-2.md

Country: Brazil

2 PM 2 UTC

Log Contact

Current time if blank

Time Off

Log Table:

Call	Country	Mode	Grid
N5XZ - TX	U.S.A.	TX	
W0WC - MO	U.S.A.	MO	
N9RC - OH	U.S.A.	OH	

Download Virtual Cable

VB-Audio home page

<https://www.vb-audio.com> ▼

Audio Processing and Audio Programming by V.Burel.

Virtual Audio Cable

VB-Audio Virtual Cable and App's.

Voicemeeter Banana

VoiceMeeter Banana, the
Advanced Virtual Audio Mixer

VB Audio Software

VB-Audio Software Online Shop.

VB-Audio VoiceMeeter Potato

VoiceMeeter Potato, the Ultimate
Virtual Audio Mixer for Windows

<https://www.vb-audio.com/Cable/>



VB-AUDIO Software

Audio Mechanic & Sound Breeder

Home

Audio Apps

Audio Pro

Support

Donate

WebShop



Virtual Audio Cable

Voicemeeter

Banana

Potato

VBAN

Spectralissime

Playback

Select a playback device below to modify its settings:

CABLE Input
VB-Audio Virtual Cable
Ready

Speakers
High Definition Audio Device
Ready

Recording

Select a recording device below to modify its settings:

CABLE Output
VB-Audio Virtual Cable
Ready

Microphone
High Definition Audio Device
Ready

VB-CABLE Virtual Audio Device.

VB-CABLE is a virtual audio device working as virtual audio cable. All audio signals coming in the CABLE input is transported to the CABLE output. Then It becomes simple to make computer audio recording or to connect a player application to a recorder one.

Install VB-CABLE Driver (Donationware)

Virtual Audio MME, DX, KS, WDM Device Driver (XP to WIN10 32/64 bits)

[Download](#)

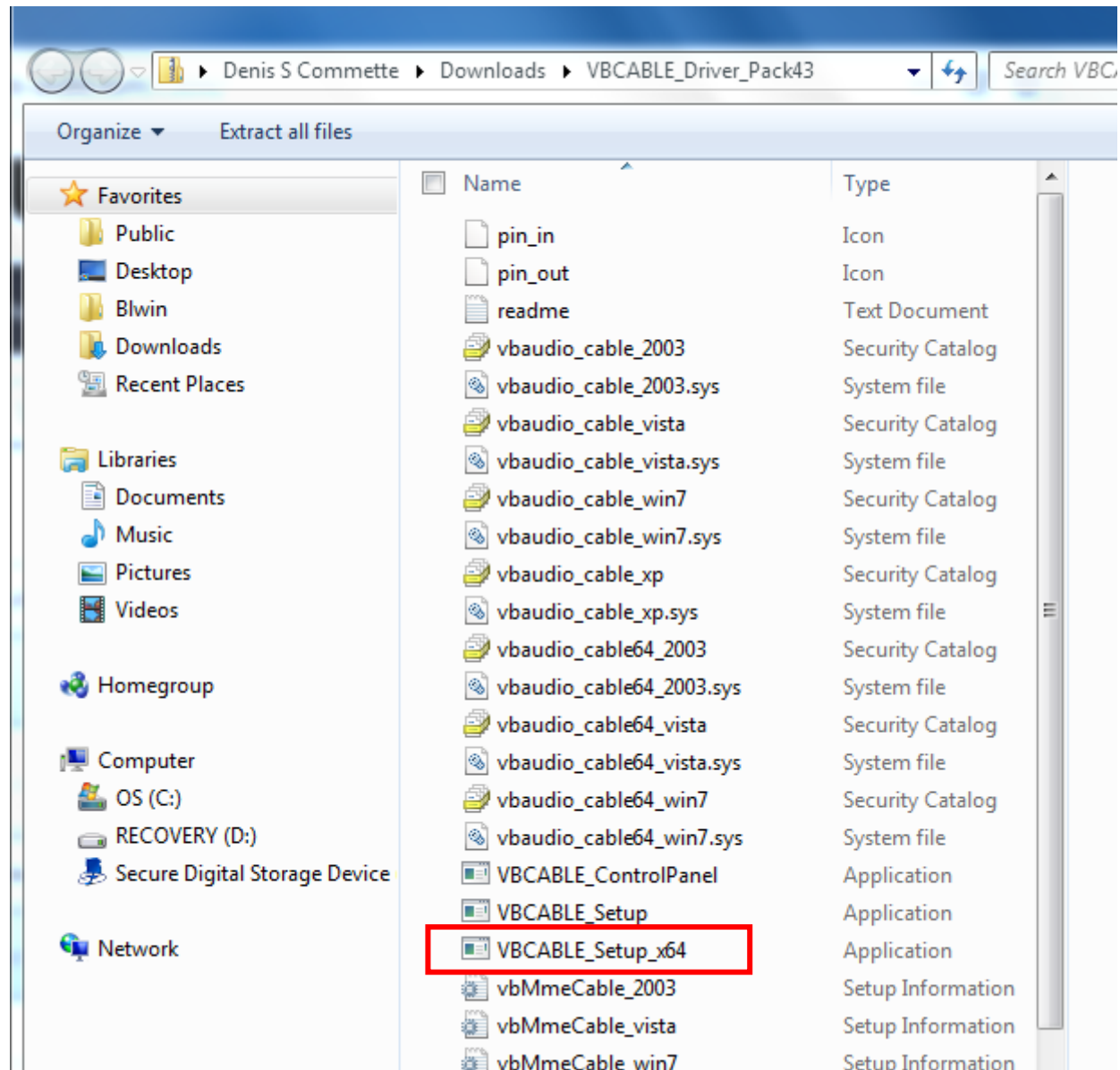
VB-CABLE_Driver_Pack43.zip (1.09 MB - OCT 2015)
[Click Here](#) to download from alternative web site.

INSTALLATION: Extract all files from the ZIP and run Setup Program in Administrator Mode (Reboot after installation or de-installation).

If you find VB-CABLE useful, you can donate and get two other Virtual Audio Devices: [VB-CABLE A+B](#) or [VB-CABLE C+D](#).


VB-CABLE is a Donationware (not a freeware), for Volume Licensing / special deals, especially for company deployment or commercial distribution, you may contact us to get quotation / agreement.

[Get more info about Volume Licensing...](#)



VB-Audio Virtual Cable Driver Installation (Version 1.0.3.8)

VB-Audio Virtual Cable



O/S: > WIN7

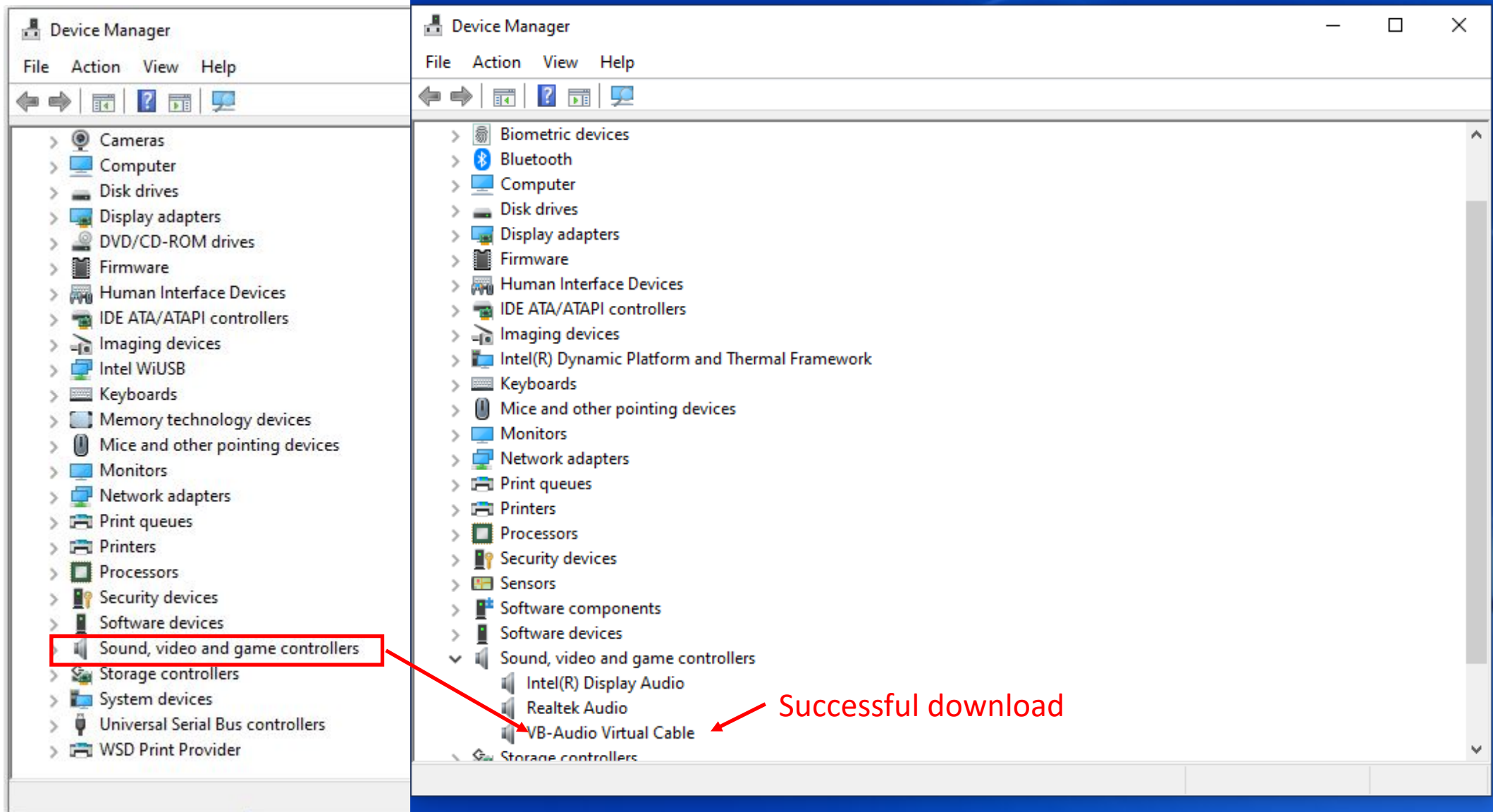
Programming:
Vincent Burel
& Jean-Sylvain Loezic
www.vb-cable.com

Ready to install ? Click the button right there...
it will install VB-Audio Virtual Cable on your system...

Install Driver

Reboot


PC Device Manager



Accurate Time

To operate FT8, you need to be aware of the necessity for accurate and ongoing time sync for your computer. FT8 is VERY sensitive to timing and thus, time syncing is paramount.

<http://www.thinkman.com/dimension4/download.htm>




Dimension 4

[Dimension 4](#) [Features](#) [Screen Shots](#) [Download](#) [FAQ](#)

Freeware

Dimension 4 v5.3 is provided as **Freeware** for personal usage at home, educational usage at schools and universities, and usage by charitable organizations.


Dimension 4 Freeware users can **optionally donate** \$10 (US) to support Dimension 4, as well as support future additional products.

Donate \$10 (US) 

Commercial usage

Commercial users of Dimension 4 v5.3 **MUST** register each machine using Dimension 4 by paying a \$10 (US) Single End User Licensing fee.

For quantity discounts or site licensing details for organizations with 50-200+ machines, please contact our [sales](#) department.

Commercial License \$10 (US) 

[Download Dimension 4 v5.31 now...](#)



Start Dimension4 and press Sync

16:14:15 - Dimension 4

Server

Server	Location	Protocol
time-d.timefreq.bldr...	US CO: NIST Boulder Laboratori...	SNTP
ntp2.usno.navy.mil	US DC: U.S. Naval Observatory, ...	SNTP
tick.usno.navy.mil	US DC: U.S. Naval Observatory, ...	SNTP
tock.usno.navy.mil	US DC: U.S. Naval Observatoru	SNTP

Server: tick.usno.navy.mil Add

Location: US DC: U.S. Naval Observatory, Washington, DC Edit

Protocol: SNTP Remove

Notes: Access Policy: open access
Contact: Rich Schmidt (res@tuttle.usno.navy.mil)
Synchronization: NTP V3 primary (USNO Master Clock 2, H-...)

How Often

- Load Dimension 4 at startup
- Once loaded, wait until online
- Synchronize once, then exit
- Every 30 minute(s)

Correction

Time Zone

- Maximum correction
- 2 hour(s)

Visibility

- Start minimized
- Hide when minimized
- Display icon in tray

Synchronized: +2.171s on 12/19/2019 @ 16:14 (tick.usno.navy.mil) History

Current Status: Sleeping until 12/19/2019 @ 4:29 PM...

Server Status: Waiting to read request...

Sync Now

Help

About

Exit

Settings

<https://time.is/>

TIME.IS



Your time is exact!

The difference from Time.is was -0.009 seconds (± 0.007 seconds).

Time in Ocean County, New Jersey, United States now:

04:18:58 pm

Thursday, December 19, 2019

Sun: ↑ 07:14AM ↓ 04:34PM (9h 21m) [More info](#)

Los Angeles
01:18pm

New York
04:18pm

London
09:18pm

Paris
10:18pm

Moscow
12:18am

Beijing
05:18am

Tokyo
06:18am

Settings

Home

Find a setting

System

- Display
- Sound**
- Notifications & actions
- Focus assist
- Power & sleep
- Battery
- Storage
- Tablet mode
- Multitasking
- Projecting to this PC
- Shared experiences
- Clipboard

Sound

Output

Choose your output device

CABLE Input (VB-Audio Virtual Cable) ▾

Certain apps may be set up to use different sound devices than the one selected here. Customize app volumes and devices in advanced sound options.

[Device properties](#)

Master volume

78

[Troubleshoot](#)

[Manage sound devices](#)

Input

Choose your input device

CABLE Output (VB-Audio Virtual Ca... ▾

Certain apps may be set up to use different sound devices than the one selected here. Customize app volumes and devices in advanced sound options.

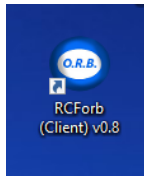
[Device properties](#)

Test your microphone

- Open Sound settings**
- Open Volume mixer
- Spatial sound (Off) >
- Troubleshoot sound problems

Configure RemoteHam for FT8

Select options tab



RCForb (Online Remote Base) by RemoteHams.com

File Options * Upload Amateur Radio License *

SPKR MIC Vol Mic Play VOX RX STBY TX Delay: 0.00s

Num Pad

Number Pad kHz

A B Both

Freq. Format kHz

1 2 3 C
4 5 6 M
7 8 9 R
0 Enter

Band Select

Current Band

HAM Bands

Sw/L Bands

AIR Bands

Lobby

Connect Search: Find Next Sync Auto Refresh

All Online Club Only Non-Club TX Capable RX Only Offline

Clubs: 141 | TX: 169 | Total Online: 220

Remote Name	Radio	TX	City	State	Country
W2GSA GSARA ** MEMBERS ONLY REMOTE**	Ic-7300	<input checked="" type="checkbox"/>	Tinton Falls	NJ	United States
N2AJ0 Remote Club Only 10m-40m only	Ic-7300	<input checked="" type="checkbox"/>	Brick	NJ	United States
Remote SP	K3	<input checked="" type="checkbox"/>	Polichno	Swiet...	---A---Poland
3Z8FLY (ex. SQ8GBJ), SP8SIW, SQ8GBH Virtual Radio Club RCForb	K3	<input checked="" type="checkbox"/>	Narol	Podk...	A-Poland
YK2BV 7100	Ic-7100	<input checked="" type="checkbox"/>	Sydney	NSW	Australia
VK6XT	Ic-7300	<input checked="" type="checkbox"/>	Broomehill	WA	Australia
VK6AHR. HARG Club Station **HARG Members Only**	FTDX-3000	<input checked="" type="checkbox"/>	Perth	West...	Australia
PU7MKI-L Exclusive for verified Radioamateurs. #hamradio only.	Server	<input checked="" type="checkbox"/>	Fortaleza	CE	Brazil
PY1AJB	Baofeng U...	<input checked="" type="checkbox"/>	Saquarema	RJ	Brazil
PP5CG	Ic-7300	<input checked="" type="checkbox"/>	Bal Pıçarras	SC	Brazil
PY2EQJ - Casa Branca-SP-Brasil - www.py2eqj.salabra.com.br	Baofeng	<input checked="" type="checkbox"/>	Casa Bran...	SP	Brazil
VE6HM (NARC) FT-950	FT-950	<input checked="" type="checkbox"/>	Edmonton	AB	Canada
VE6ISS (HF- VHF)	FT-897	<input checked="" type="checkbox"/>	Alberta Be...	Alberta	Canada
VA6ET - VHF only	FT-847	<input checked="" type="checkbox"/>	Spruce Gr...	Alberta	Canada
VE9UNB	TS-450	<input checked="" type="checkbox"/>	Fredericton	New ...	Canada
VE9EX	Ic-7000	<input checked="" type="checkbox"/>	Hanwell	New ...	Canada
VE4WSC	TS-850	<input checked="" type="checkbox"/>	Winnipeg	mb	Canada
OZ5BIR	Ic-9100	<input checked="" type="checkbox"/>	Birkerød		Denmark
OH5AD Radio Club Hamina *For Club Members Only*	K3	<input checked="" type="checkbox"/>	Hamina	Finland	Finland
DJ0A	TS-590	<input checked="" type="checkbox"/>	Esslingen	BW	Germany
DK0FJ - P48 Club Station	TS-590	<input checked="" type="checkbox"/>	Plattenhardt	BW	Germany
DO4CQ DL9ZU - 80m-10m inkl. WARC,100w, 2 x 30m Dipole - 18m over Ground	Ic-7300	<input checked="" type="checkbox"/>	Landsber...	Bavaria	Germany
DK6HF- Icom Ic-7100 / 80-10m 2x41 Dipol 20m Hoch	Ic-7100	<input checked="" type="checkbox"/>	Eckental	Bayern	Germany
DL1RME-2	Ic-706MkII	<input checked="" type="checkbox"/>	Werder (H...	Brand...	Germany
DLOBi 70cm Remote 2 x Langyagi	Ic-7100	<input checked="" type="checkbox"/>	Babenhau...	Germ...	Germany
DK2KW - Icom IC-7400 - at center from Germany	Ic-746 Pro	<input checked="" type="checkbox"/>	Bebra	Hessen	Germany

Chat Room

RCForb (Online Remote Base) Client v0.8
Remote Control of Your Ham Radio Station!

Please connect to a remote by using the Online List in the Lobby.

Notify on Ask To Tune
 Do Not Clear Chat History

Font Size 12 Type a message...

CW DX Spots Memories Activity

Users

Smilies Ask Send

- Open Config Directory
- Database Vacuum (Defragment)
- Clear Saved Fonts Sizes
- Audio Device Settings**
- Audio Latency Adjustments
- Elecraft K3 Emulation (VCOM)**
- HRD IP Server Emulation
- Control Device Setup
- Text To Speech
- Check For RemoteHams.com Updates
- Check For Flash Player Updates
- Tablet Mode (Testing)
- Normal Mode

- VK6BG
- VK6AHR. HARG Club Station **HARG Members Only**
- PY6AHX - teste
- PT7MV - JOSEMAR ROLIM - RODADA DO SERTAO
- PU7MKI-L Server exclusive for radioamateurs.
- PU4/5MAN
- PU7HTC
- PY1AJB
- PP5CG
- PY2EQJ - Casa Branca-SP-Brasil - www.py2eqj.salabra.com.br
- VE6HM (NARC) FT-950
- VE6ISS - VHF / HF
- VA6ET - VHF only
- VA7ARE
- VE9EX
- VE3HQR - Icom 706 MkII
- VE4WSC
- J69cu

Find Next | Sync | Auto Refresh

Non-Club TX Capable RX Only Offline

MEMBERS ONLY REMOTE**

10m-40m only

SQ8GBH Virtual Radio Club RCForb

Group - www.seg.org.au - Licenced Callsigns Only

Radio	TX	City	State	Country
Ic-7300	<input checked="" type="checkbox"/>	Tinton Falls	NJ	United States
Ic-7300	<input checked="" type="checkbox"/>	Brick	NJ	United States
K3	<input checked="" type="checkbox"/>	Polichno	Swiet...	---A---Poland
K3	<input checked="" type="checkbox"/>	Narol	Podk...	A-Poland
Ic-7100	<input checked="" type="checkbox"/>	SYdney	NSW	Australia
Ic-7410	<input checked="" type="checkbox"/>	Briar Hill	Vic	Australia
Ic-7300	<input checked="" type="checkbox"/>	BroomeHill	WA	Australia
FT-991	<input checked="" type="checkbox"/>	Albany	West...	Australia
Ic-9100	<input checked="" type="checkbox"/>	Carramar	West...	Australia
FTDX-3000	<input checked="" type="checkbox"/>	Perth	West...	Australia
Ic-706MkII	<input checked="" type="checkbox"/>	Lauro de ...	BA	Brazil
IC-2720	<input checked="" type="checkbox"/>	FORTALE...	CE	Brazil
Server	<input checked="" type="checkbox"/>	Fortaleza	CE	Brazil
FT857	<input checked="" type="checkbox"/>	4VZPALM...	LON...	Brazil
TS-870	<input checked="" type="checkbox"/>	JP	PB	Brazil
Baofeng U...	<input checked="" type="checkbox"/>	Saquarema	RJ	Brazil
Ic-7300	<input checked="" type="checkbox"/>	Bal Piçarras	SC	Brazil
Baofeng	<input checked="" type="checkbox"/>	Casa Bran...	SP	Brazil
FT-950	<input checked="" type="checkbox"/>	Edmonton	AB	Canada
FT-897	<input checked="" type="checkbox"/>	Alberta Be...	Alberta	Canada
FT-847	<input checked="" type="checkbox"/>	Spruce Gr...	Alberta	Canada
TS-480	<input checked="" type="checkbox"/>	Arbutus Ri...	BC	Canada
Ic-7000	<input checked="" type="checkbox"/>	Hanwell	New ...	Canada
Ic-706MkII	<input checked="" type="checkbox"/>	Campbellf...	ON	Canada
TS-850	<input checked="" type="checkbox"/>	Winnipeg	mb	Canada
K3	<input checked="" type="checkbox"/>	Vieux Fort	Saint...	Caribbean

Chat Room

RCForb (Online Remote Base) Client v0.8
Remote Control of Your Ham Radio Station!

Please connect to a remote by using the Online List in the Lobby.

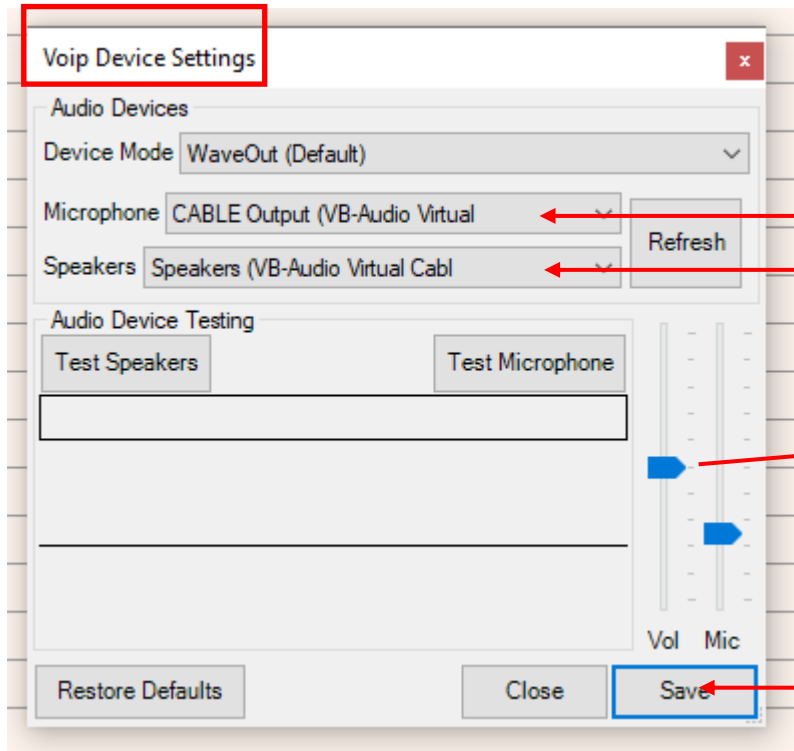
- Notify on Ask To Tune
- Do Not Clear Chat History

Font Size 12 | Type a message...

Smilies Ask Send

- CW
- DX Spots
- Memories
- Activity

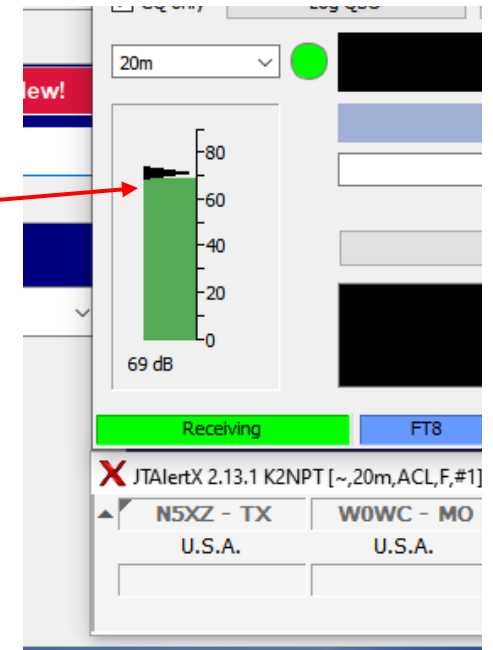
From Options drop down menu, select audio device settings



Select VB-Audio Virtual
Select VB-Audio Virtual

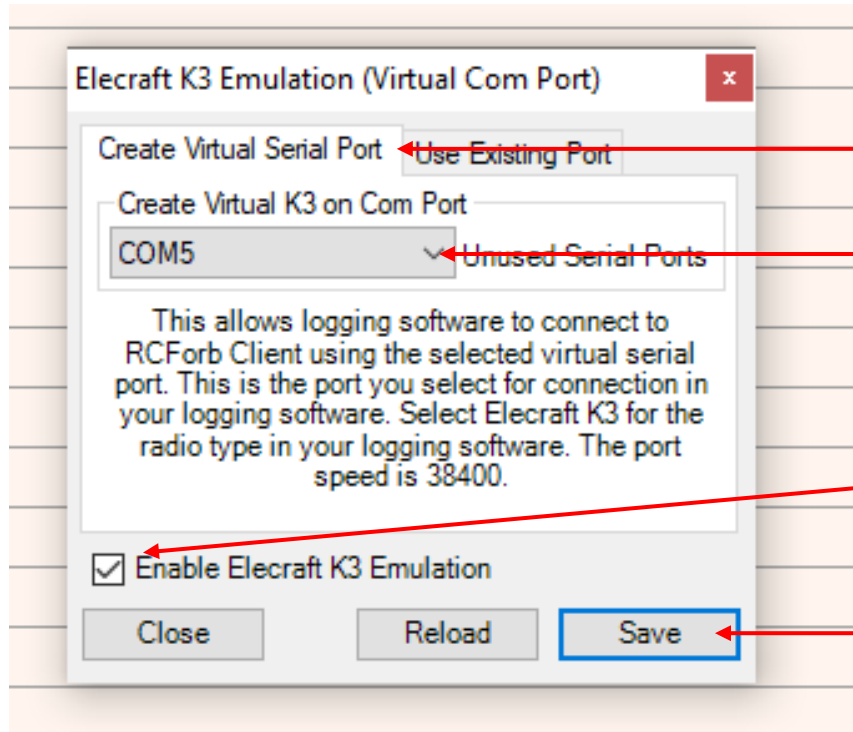
RF Gain 40-80 db

Click Save



NOTE: Microphone and Speaker drop down menus must be reset to return to phone operation

From Options drop down menu select, Elecraft K3 Emulation (VCOM)



Select this tab

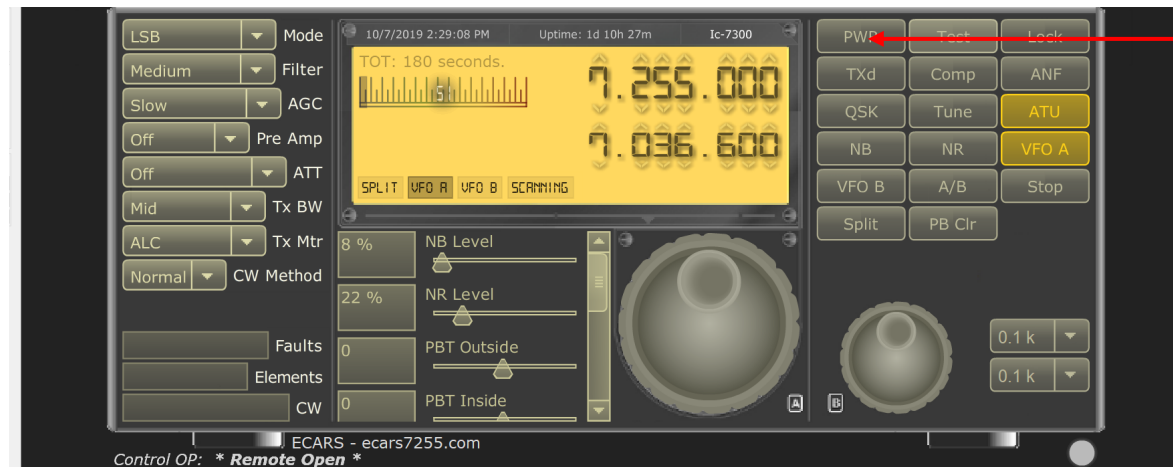
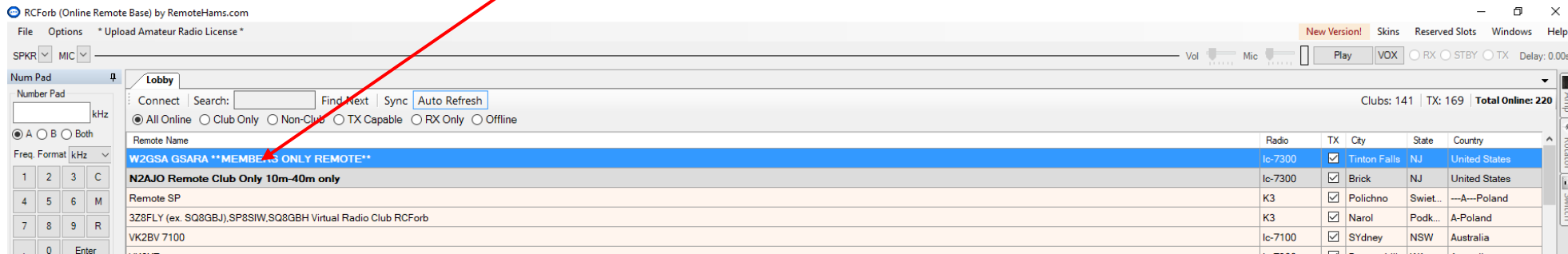
From drop down menu select an unused COM Port
(suggest port 5 for standardization)

Check this box

Click Save

Step 4

Double click on W2GSA to start client connection



Click on PWR Button

USB for Digital

80m
20m
17m
15m

The screenshot displays the control interface of an Icom IC-7300 radio. The central display shows the date and time (12/3/2019 12:19:08 PM), uptime (2d 8h 16m), and model (Ic-7300). The main display area shows a digital signal strength indicator (S9 + 3) and two frequency readouts: 14.074.000 and 7.295.000. Below the display are several control sliders: RF Power (36%), RF Gain (100%), Mic Gain (34%), and Comp Level (32). The RF Power slider is highlighted with a red box. The interface also includes various buttons for Mode, Filter, AGC, Pre Amp, ATT, Tx BW, Tx Mtr, CW Method, Elements, CW, PWR, Test, Lock, TXd, Comp, ANF, QSK, Tune, ATU, NB, NR, VFO A, VFO B, A/B, Split, and PB Clr. A green LED indicator is visible at the bottom right.

Control OP: **k2npt**



Select configurations tab

WSJT-X 2.1.0 by K1JT

File Configurations View Mode Decode Save Tools Help

Band Activity					Rx Frequency				
UTC	dB	DT	Freq	Message	UTC	dB	DT	Freq	Message

CQ only Log QSO Stop Monitor Erase Decode Enable Tx Halt Tx Tune Menus

160m **0.000 000** Tx even/1st Tx 2420 Hz Hold Tx Freq

DX Call: PT7BL DX Grid: HI06 Rx 1062 Hz Report -15

Az: 135 3729 mi Auto Seq Call 1st

2019 Oct 08 21:22:11

Generate Std Msgs	Next	Now	Pwr
PT7BL K2NPT FN20	<input type="radio"/>	Tx 1	
PT7BL K2NPT -15	<input type="radio"/>	Tx 2	
PT7BL K2NPT R-15	<input type="radio"/>	Tx 3	
PT7BL K2NPT RR.73	<input type="radio"/>	Tx 4	
PT7BL K2NPT 73	<input type="radio"/>	Tx 5	
K2NPT FN20	<input checked="" type="radio"/>	Tx 6	

FT8 0/100 WD:6m

Select radio tab

Settings

General Radio Audio Tx Macros Reporting Frequencies Colors Advanced

Rig: Elecraft K3 Poll Interval: 1 s

CAT Control

Serial Port: COM5

Serial Port Parameters

Baud Rate: 38400

Data Bits

Default Seven Eight

Stop Bits

Default One Two

Handshake

Default None
 XON/XOFF Hardware

Force Control Lines

DTR: RTS:

PTT Method

VOX DTR
 CAT RTS

Port: USB

Transmit Audio Source

Rear/Data Front/Mic

Mode

None USB Data/Pkt

Split Operation

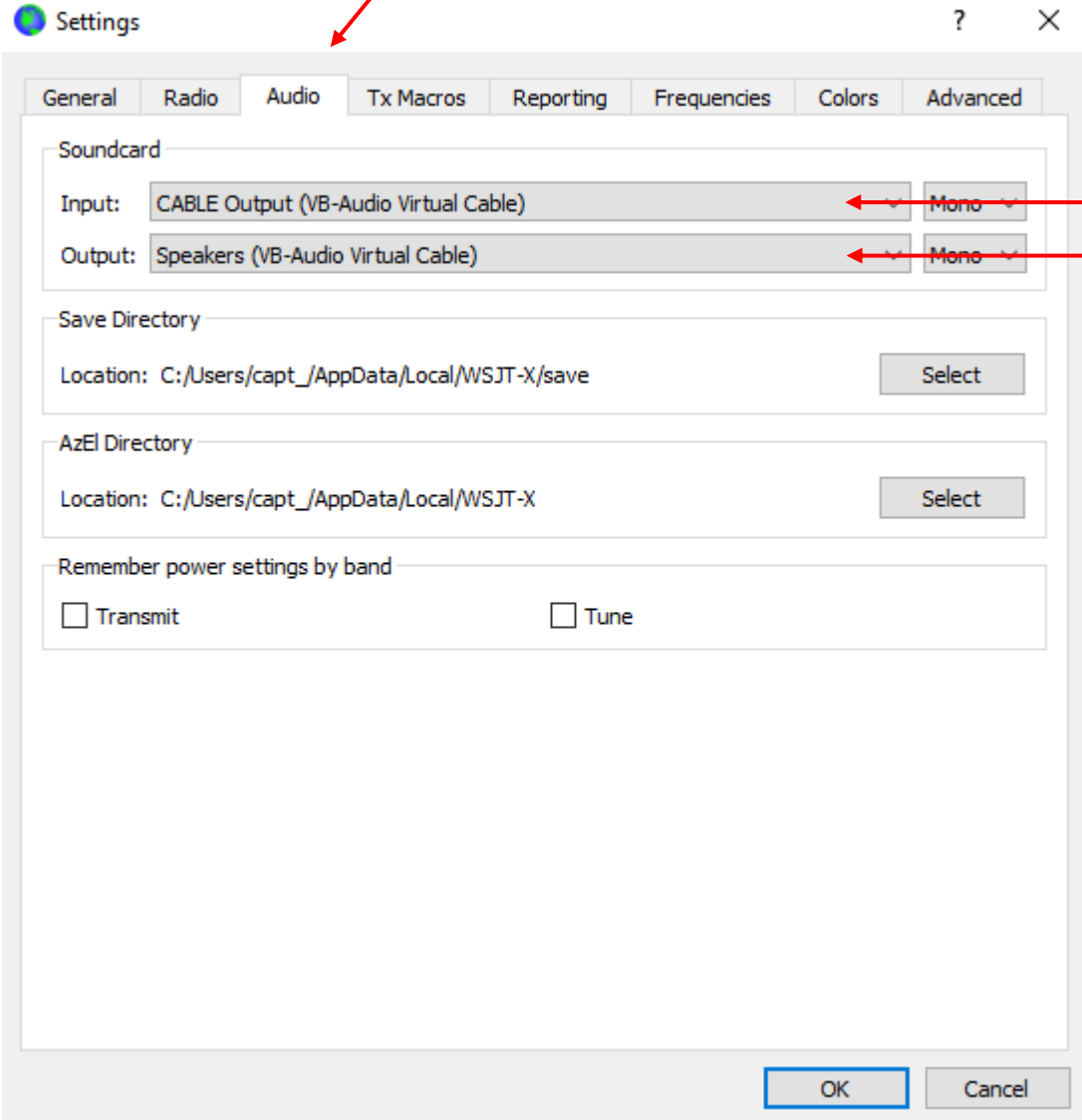
None Rig Fake It

Test CAT Test PTT

OK Cancel

- Duplicate these settings
- Click OK

Select audio tab

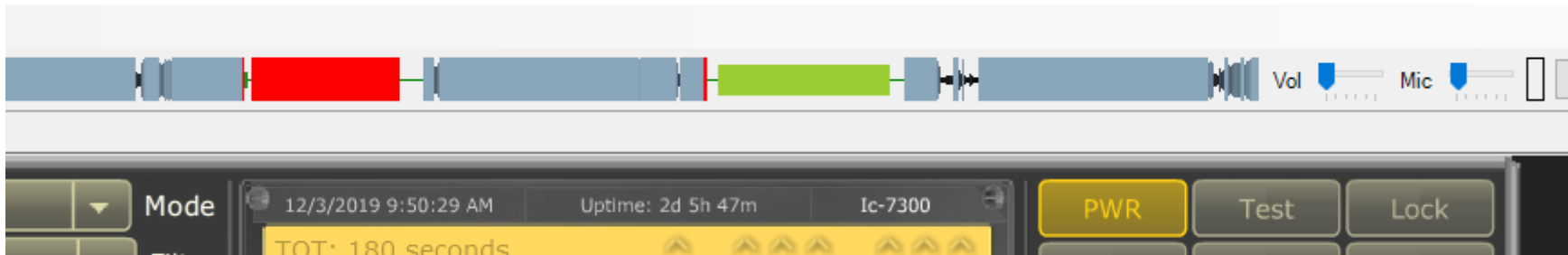


- Duplicate these settings
- Click OK

You are now up and operating

The screenshot displays the WSJT-X v2.1.0 software interface. At the top, a waterfall plot shows frequency activity from 500 to 2500 kHz. Below the plot, a log window titled 'Band Activity' and 'Rx Frequency' lists received messages. The control panel includes buttons for 'CQ only', 'Log QSO', 'Stop', 'Monitor', 'Erase', 'Decode', 'Enable Tx', 'Halt Tx', 'Tune', and 'Menus'. A central display shows the current frequency '14.074 000' and a signal strength of '69 dB'. A 'Generate Std Msgs' dialog is open, showing a list of standard messages and their transmission status. The interface also features a 'Country' dropdown menu set to 'Brazil', a 'Log Contact' button, and a 'Time Off' button. A status bar at the bottom indicates 'Receiving' and 'FT8' mode.

Band Activity					Rx Frequency				
UTC	dB	DT	Freq	Message	UTC	dB	DT	Freq	Message
214715	-19	0.6	1825	~ WW5XX EL09	214715	-18	0.6	1068	~ CQ N5XZ EL29 U.S.A.
214715	-18	0.6	1068	~ CQ N5XZ EL29 U.S.A.	214715	-18	0.6	1068	~ CQ N5XZ EL29 U.S.A.
214715	6	0.6	739	~ CQ W0WC EM27 U.S.A.	214745	-16	0.6	1068	~ CQ N5XZ EL29 U.S.A.
214715	-10	0.7	945	~ CQ K5MM EM00 U.S.A.					
214730	-16	0.6	562	~ CQ HK3JUH FJ24 Colombia					
214730	-3	0.6	2143	~ CQ WB4CIW DM79 U.S.A.					
214745	-16	0.6	1068	~ CQ N5XZ EL29 U.S.A.					
214745	-2	0.6	738	~ CQ W0WC EM27 U.S.A.					
214745	-16	0.7	1908	~ CQ N9RC EM79 U.S.A.					

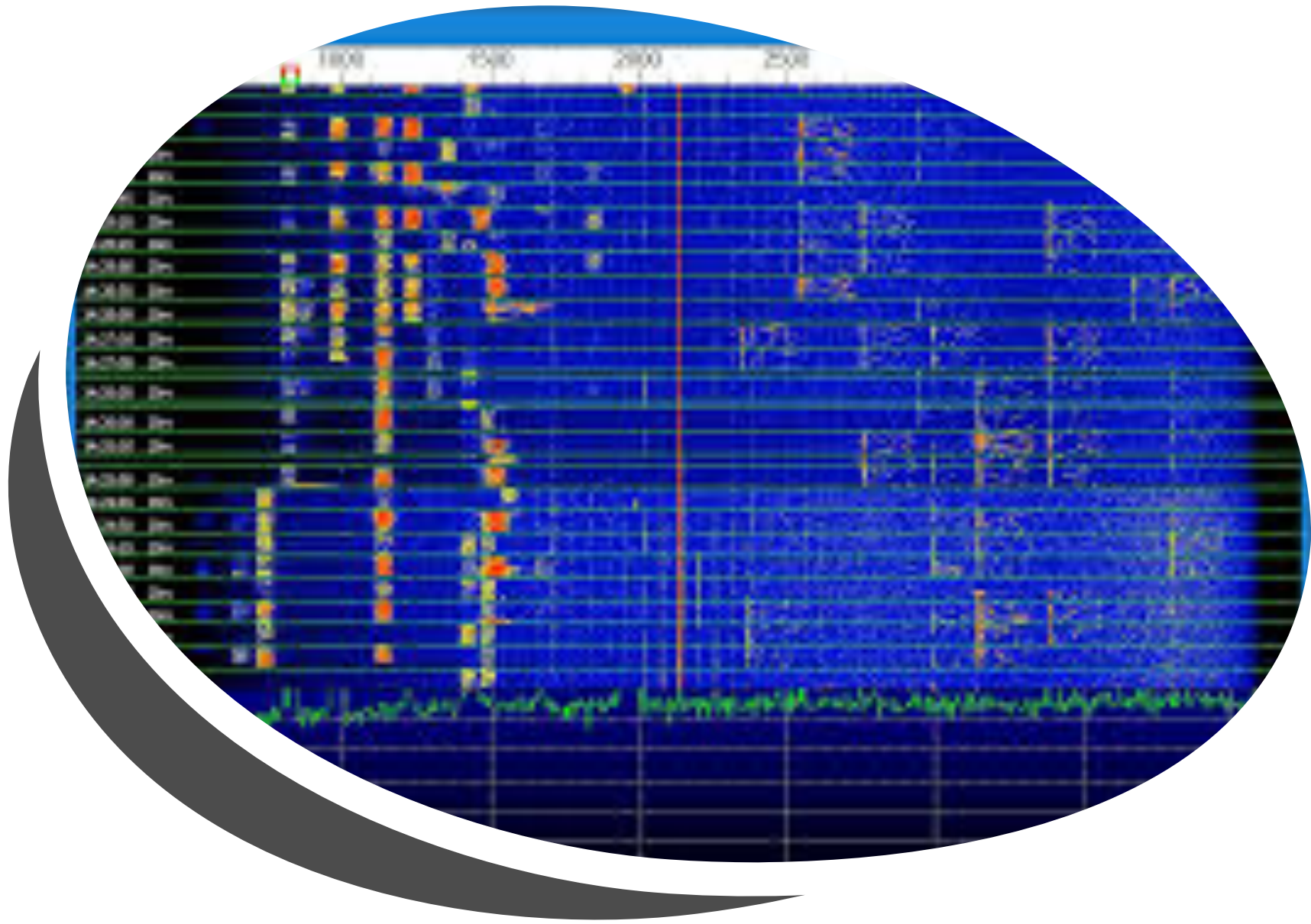


This screenshot shows a software interface with a list of decoded messages and transmission controls. The list contains three entries:

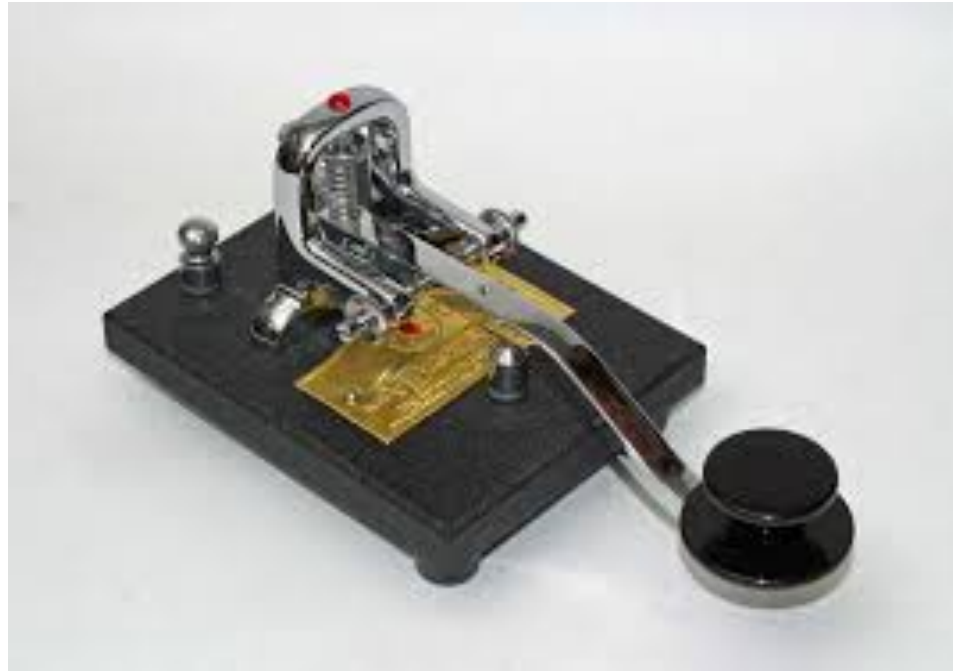
214715	-18	0.6	1068	~	CQ	N5XZ	EL29	U.S.A.
214715	-18	0.6	1068	~	CQ	N5XZ	EL29	U.S.A.
214745	-16	0.6	1068	~	CQ	N5XZ	EL29	U.S.A.

Below the list are buttons for 'Erase', 'Decode', 'Enable Tx', 'Halt Tx', 'Tune', and 'Menus'. The 'Tx even/1st' checkbox is checked. The 'Tx' frequency is set to 2420 Hz, and the 'Rx' frequency is 1062 Hz. The 'Report' level is set to -15. The 'Hold Tx Freq' checkbox is checked. On the right, there are buttons for 'Generate Std Msgs', 'Next', 'Now', and 'Pwr'. Below these are three rows of message templates with radio buttons for 'Tx 1', 'Tx 2', and 'Tx 3':

PT7BL K2NPT FN20	<input type="radio"/>	Tx 1
PT7BL K2NPT -15	<input type="radio"/>	Tx 2
PT7BL K2NPT R-15	<input type="radio"/>	Tx 3

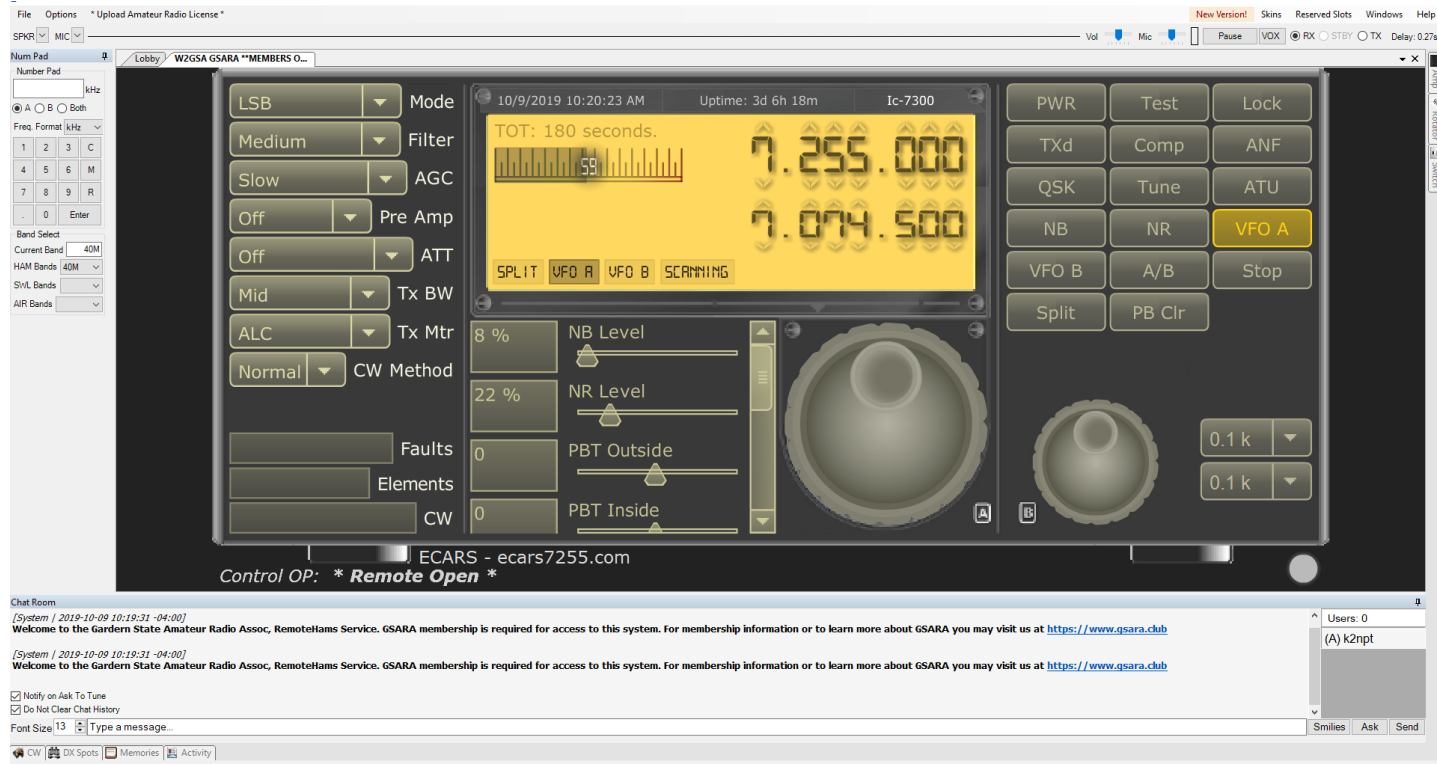


CW



NOTE: The following instructions assume that you have downloaded the software, registered your call sign and are versed in the basic operation of the remote radio controls.

For help with remote CW, contact John KA2F



It is possible to operate in **CW mode** using:

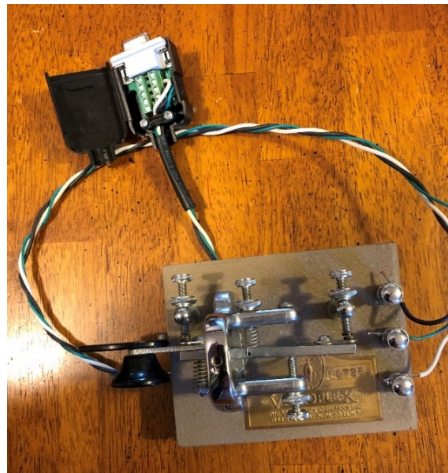
- Paddles
- Keyboard & macros
- Paddles and keyboard simultaneously

NOTE: you cannot use a straight key in RCForb v0.8
Straight key is supported in v0.9

Paddle Connection

Connect the paddle to the PC via the serial port

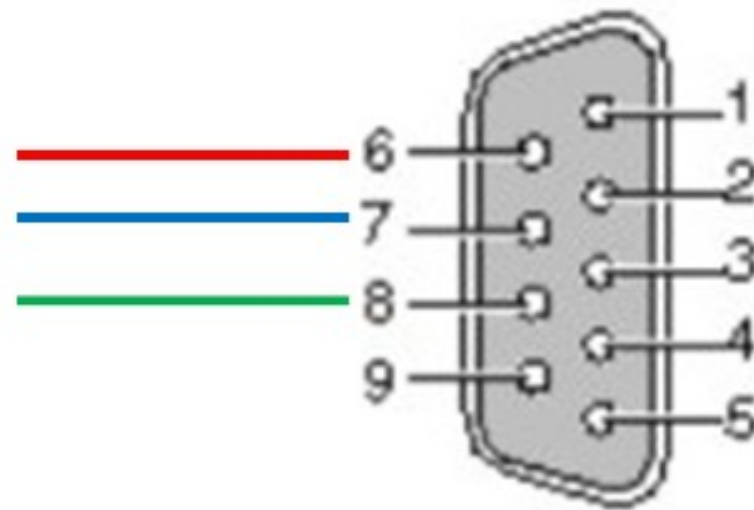
- Pin 8 CTS goes to DASH or DASH on paddle.
- Pin 7 RTS goes to Neutral or Ground on paddle
- Pin 6 DSR goes to DIT or DOT on paddle.



DOT (DSR)

NEUTRAL/GROUND (RTS)

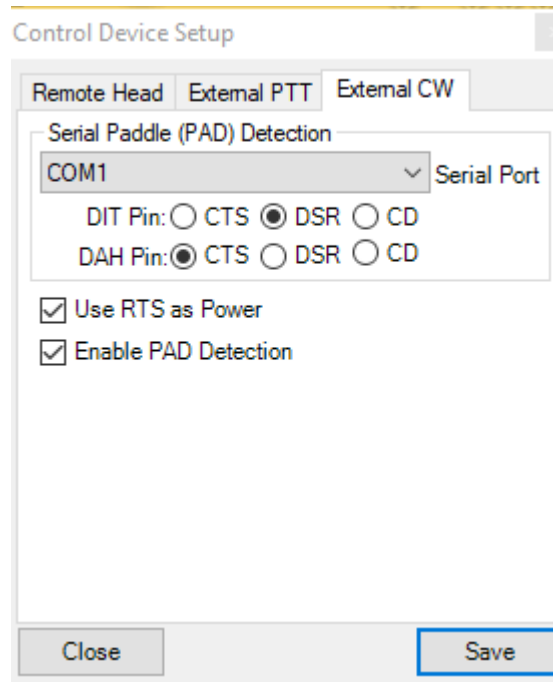
DASH (CTS)



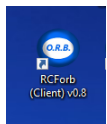
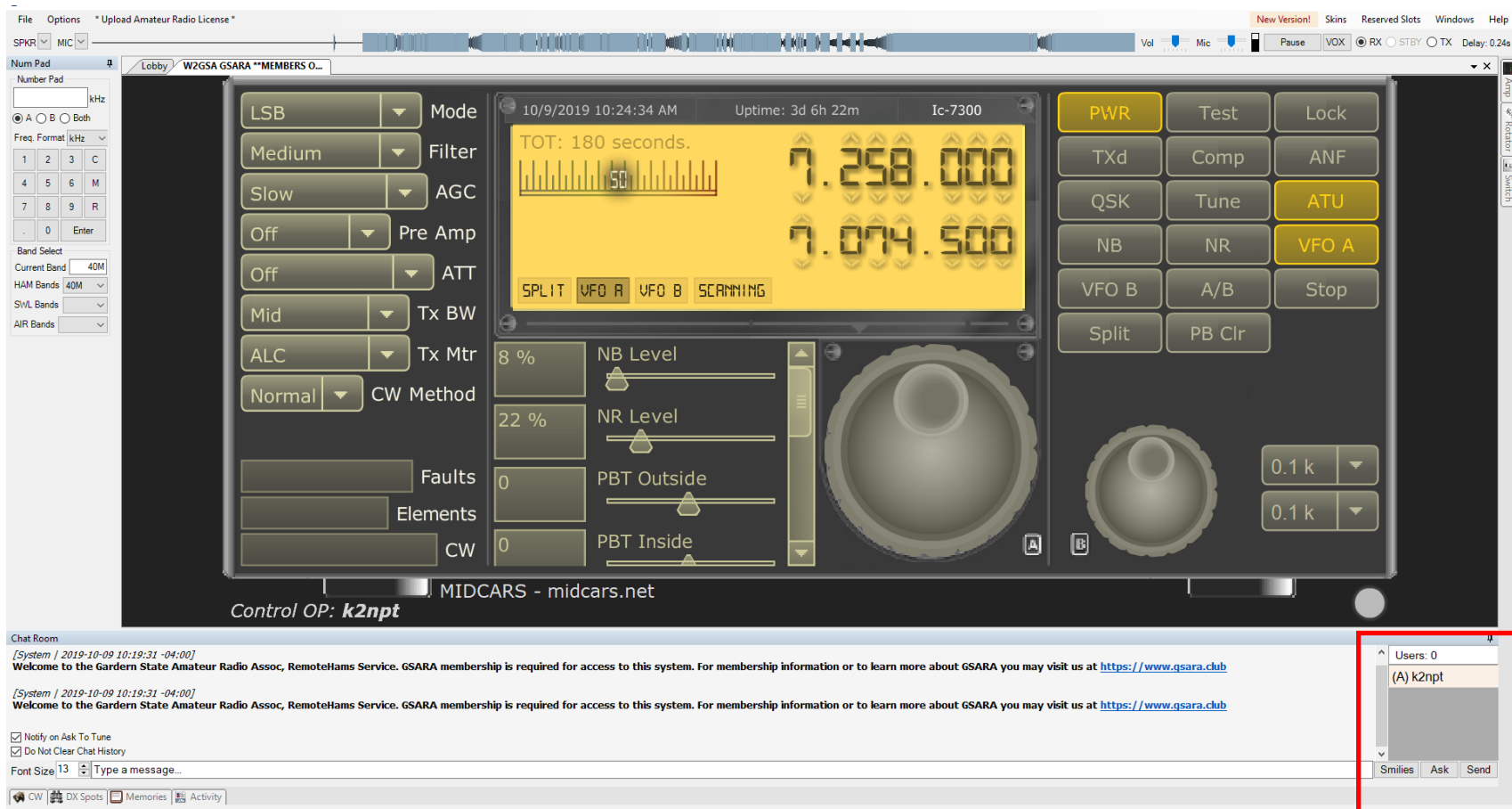
If the computer is not equipped with a serial port,
Use a USB to DB9 Serial Converter cable

CW Configuration

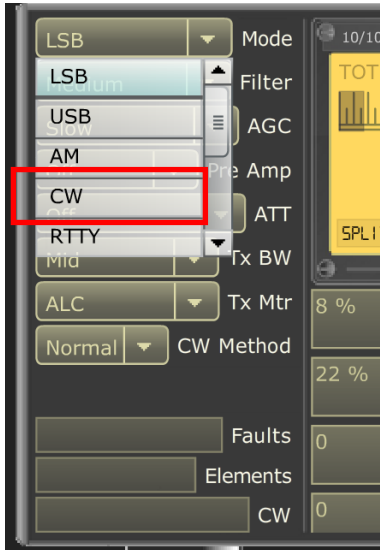
H. On the lobby menu select **Options, Control Device Setup, External CW**



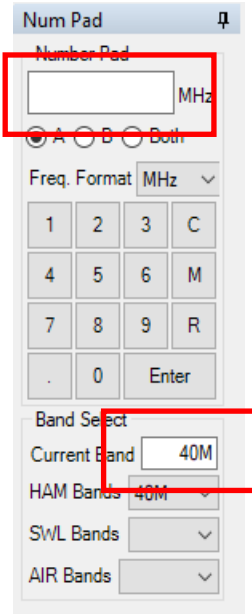
- From the COM port drop down menu, select the proper COM port assigned to your device.
- Duplicate the other settings
- **Restart RCForb Client**



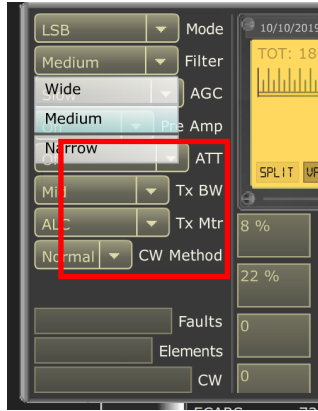
- Boot up RCForb client v0.8
- Check the users window to determine that you are in control
- Power ON the radio
- Set up for **CW** operation as follows:



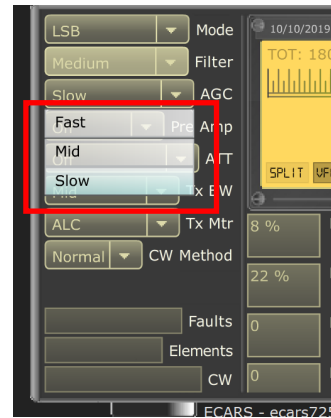
A. From the **mode** drop down menu select CW



B. Select the **band** from the drop down window and enter a **frequency** in the CW range. For example, type 7.035 in the Window



C. From the **filter** drop down menu, select a width. Suggest medium to start



D. From the **AGC** drop down menu, select a setting. Suggest slow to start

AGC: automatic gain control



E. From the **CW** drop down menu select method.
Suggest normal to start

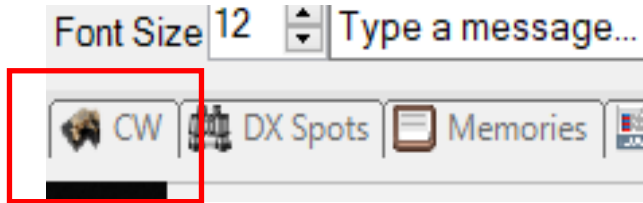


F. From the **slide** menu select your preferred **CW speed** after Reducing **RF Power Out** to zero.
NOTE: The code speed selected applies Paddle use, Macro use and Keyboard typing



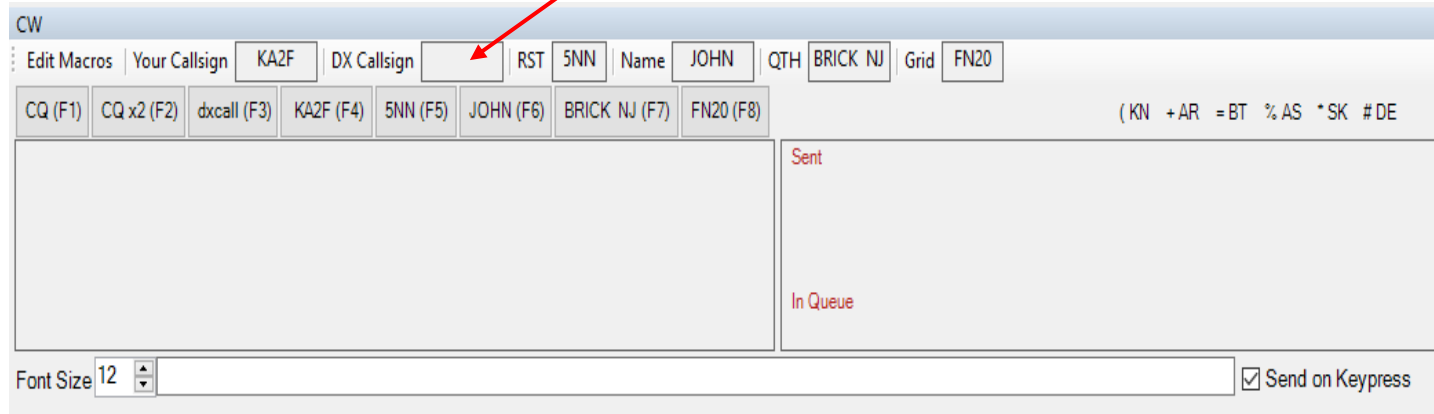
G. Tune the antenna

Operating CW using Macros and Keyboard

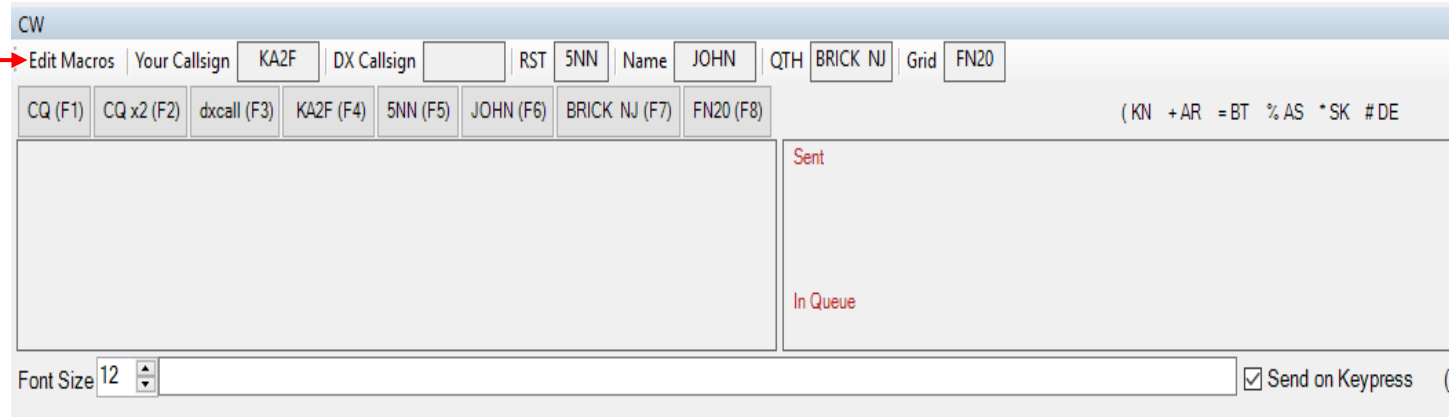


At the bottom left of the Lobby screen, click on CW to bring up the CW screen

Enter the call sign of the station you want to work (DX or NOT)



Click edit macros



Edit Macros

(F1) Macro Name:	CQ	Data:	CQ CQ de %mycall %mycall K
(F2) Macro Name:	CQ x2	Data:	CQ CQ de %mycall %mycall CQ CQ de
(F3) Macro Name:	%dxcall	Data:	%dxcall
(F4) Macro Name:	%mycall	Data:	%mycall
(F5) Macro Name:	%rst	Data:	%rst
(F6) Macro Name:	%mynam	Data:	%myname
(F7) Macro Name:	%qth	Data:	%qth
(F8) Macro Name:	%grid	Data:	%grid

Defaults Load Cancel Save

Fill in the Macros to suit your own situation

You are now ready to get on the air remotely with CW