Aktueller Test-SETUP mit Control-Box><Radio Box und RemoteHamsServer

ICOM CI-V

General

User

Remote Hams Server

Audio

AUX/MIC

SP

COM1

USB

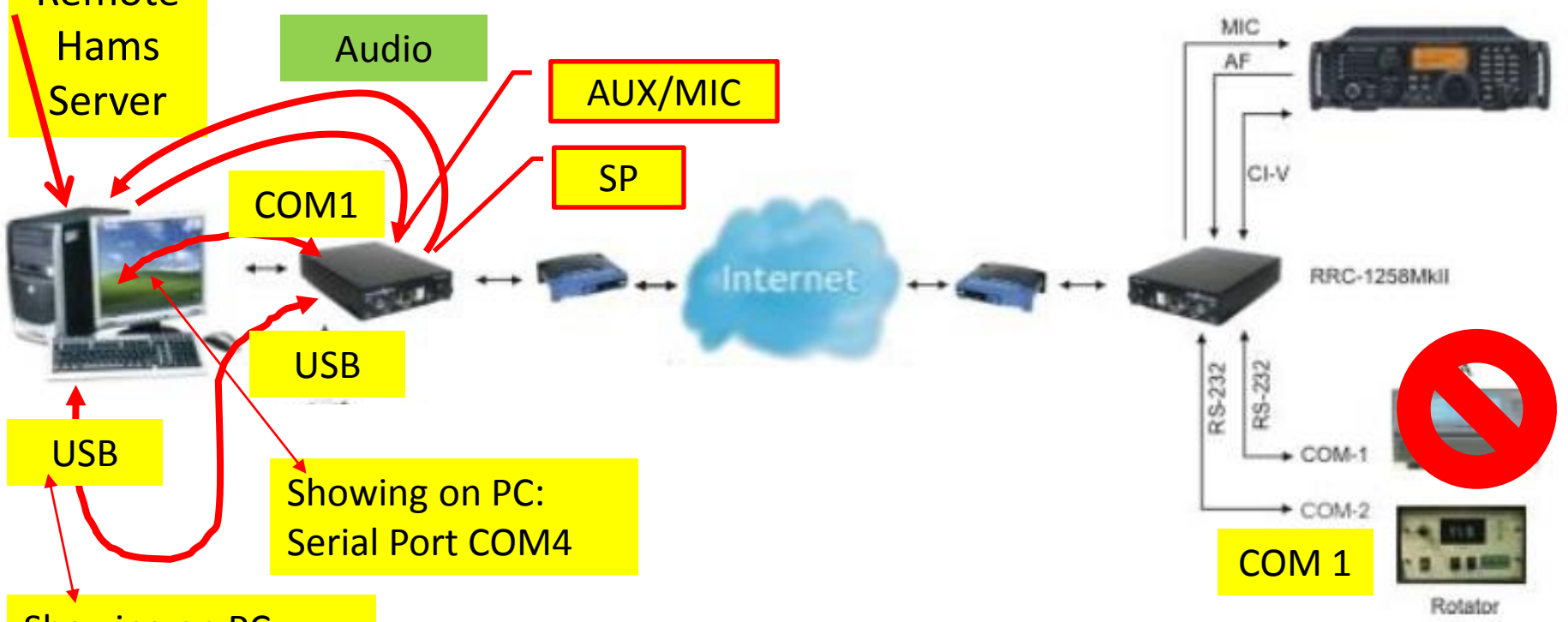
USB

Showing on PC:
Serial Port COM4

Showing on PC:
Serial Port COM11
Serial Port COM12
Serial Port COM13
Serial Port COM14

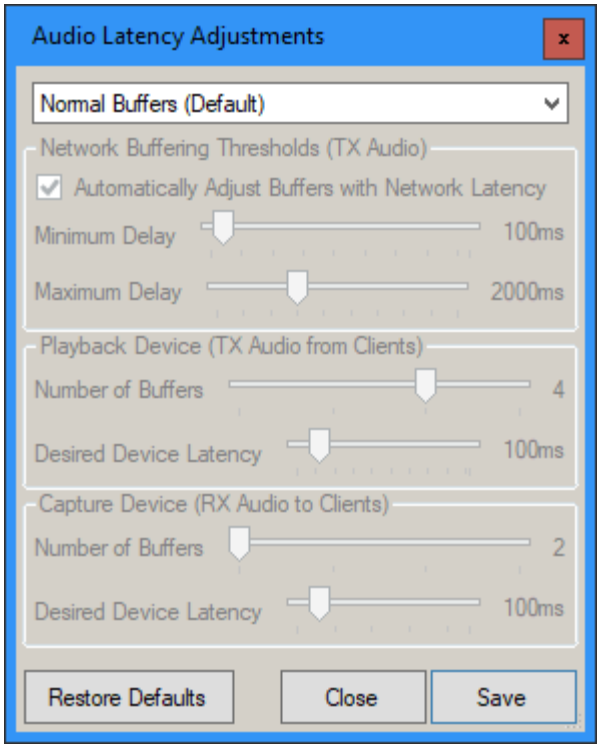
HRD TRX Control OK on COM 13

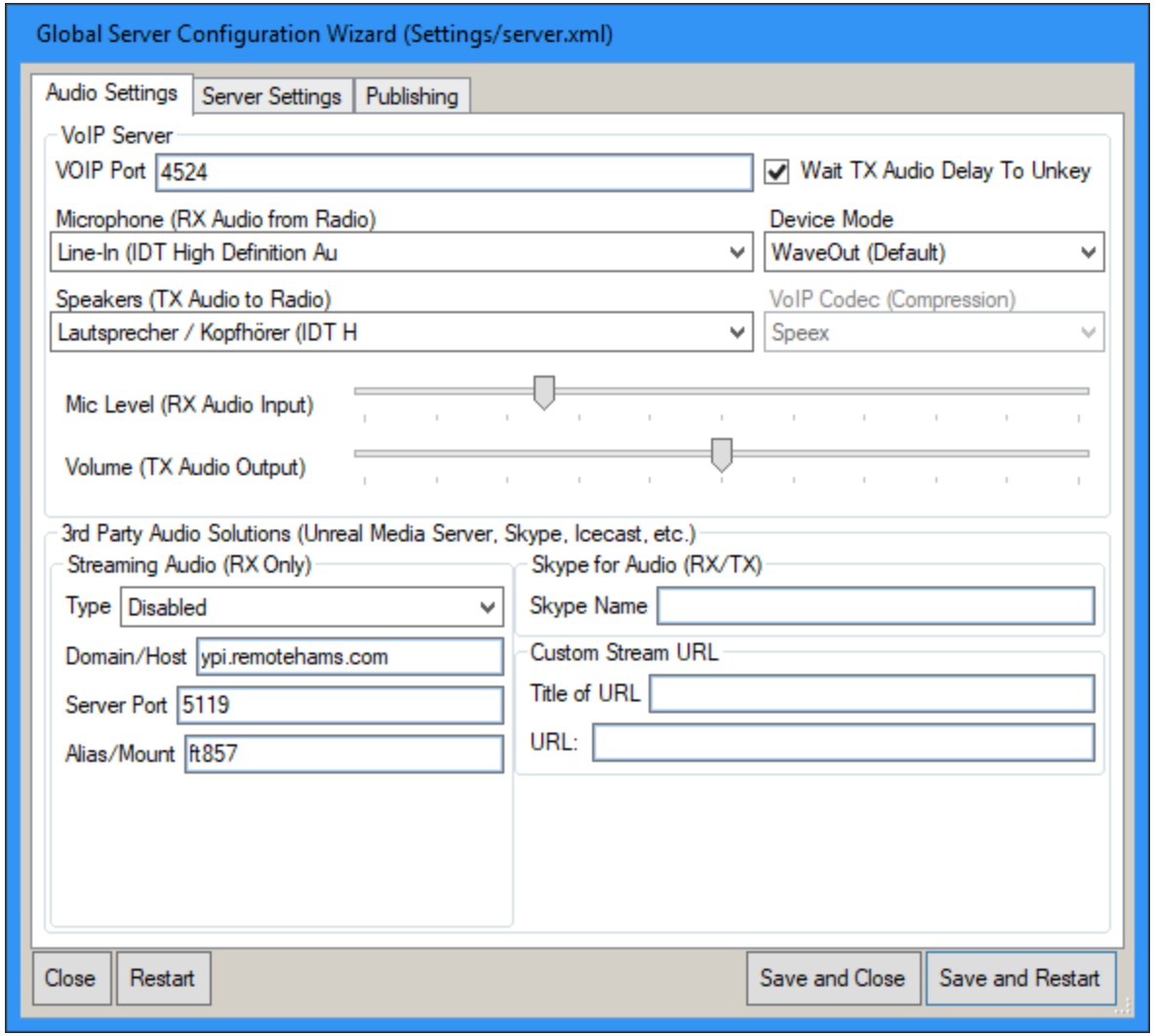
IC-706

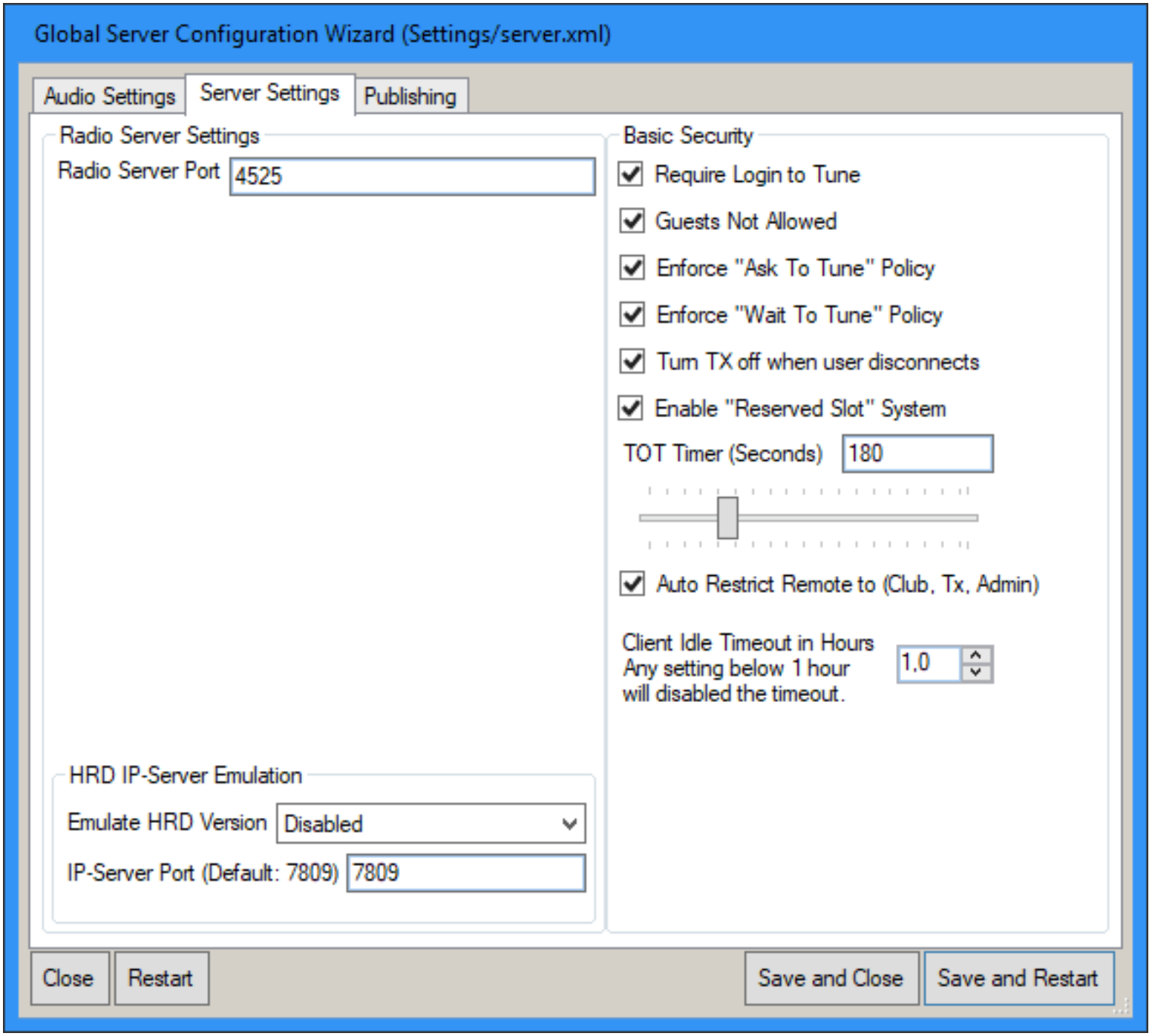


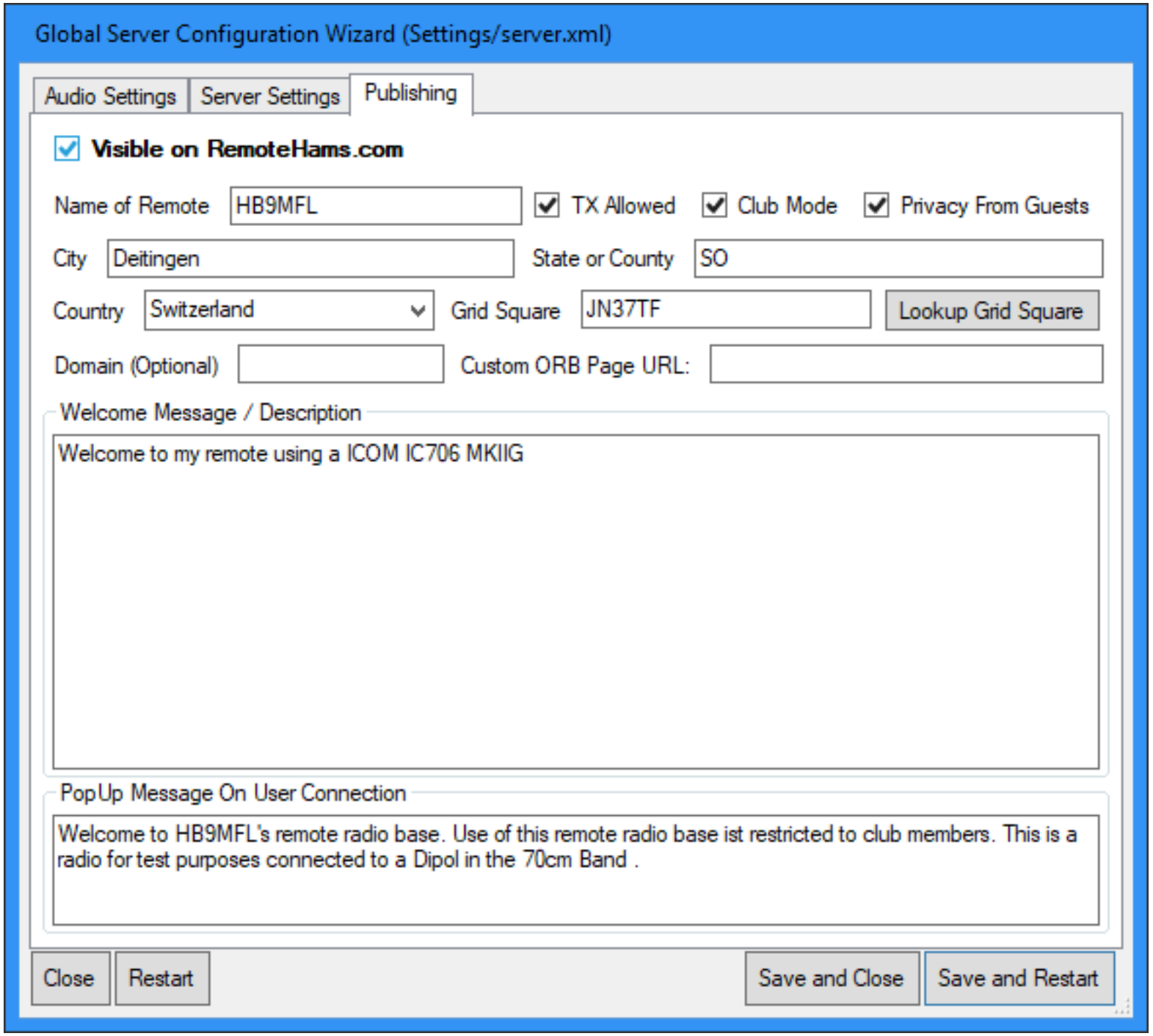
COM 1

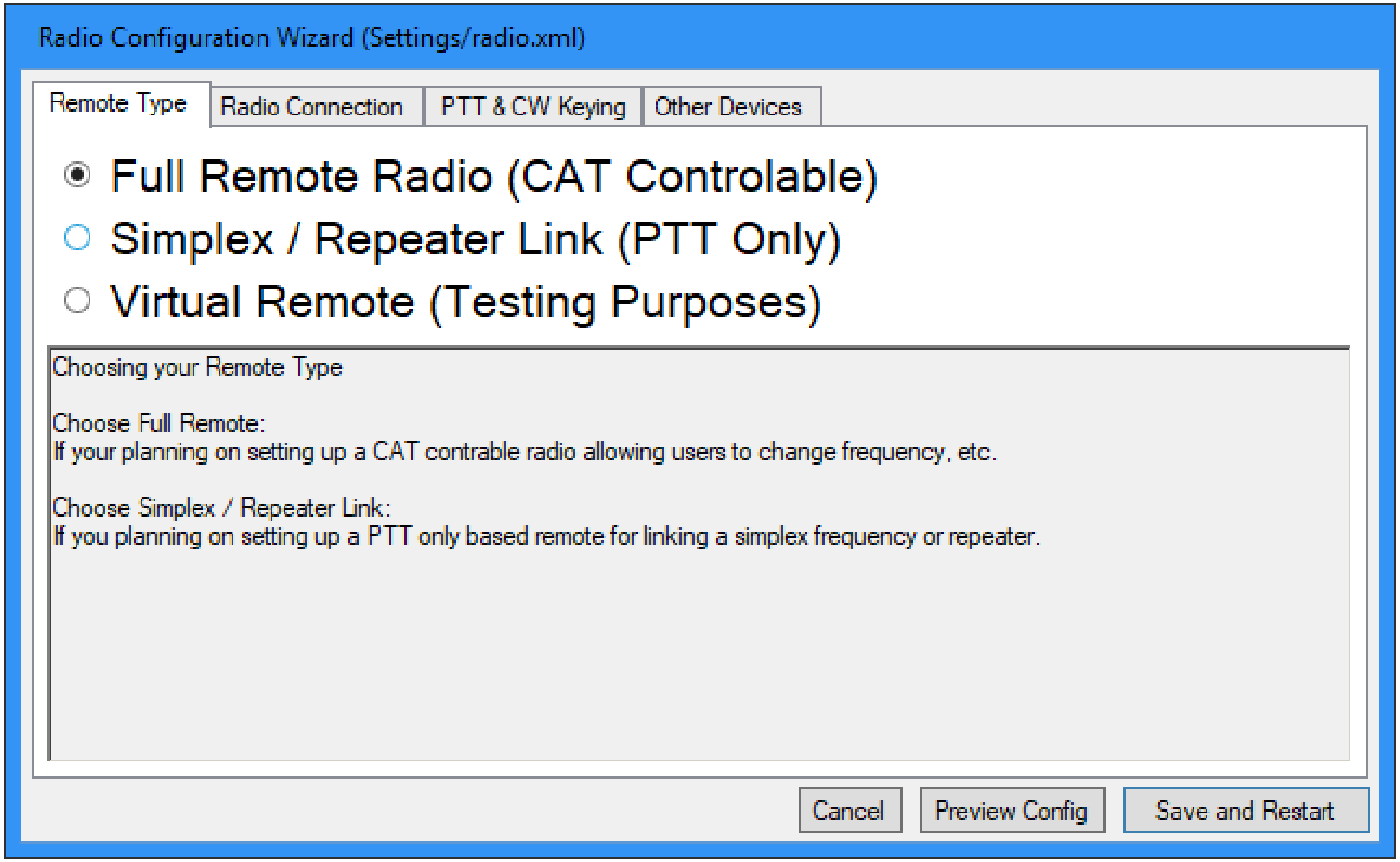
ERC Control in Yaesu Rotorcontrol box

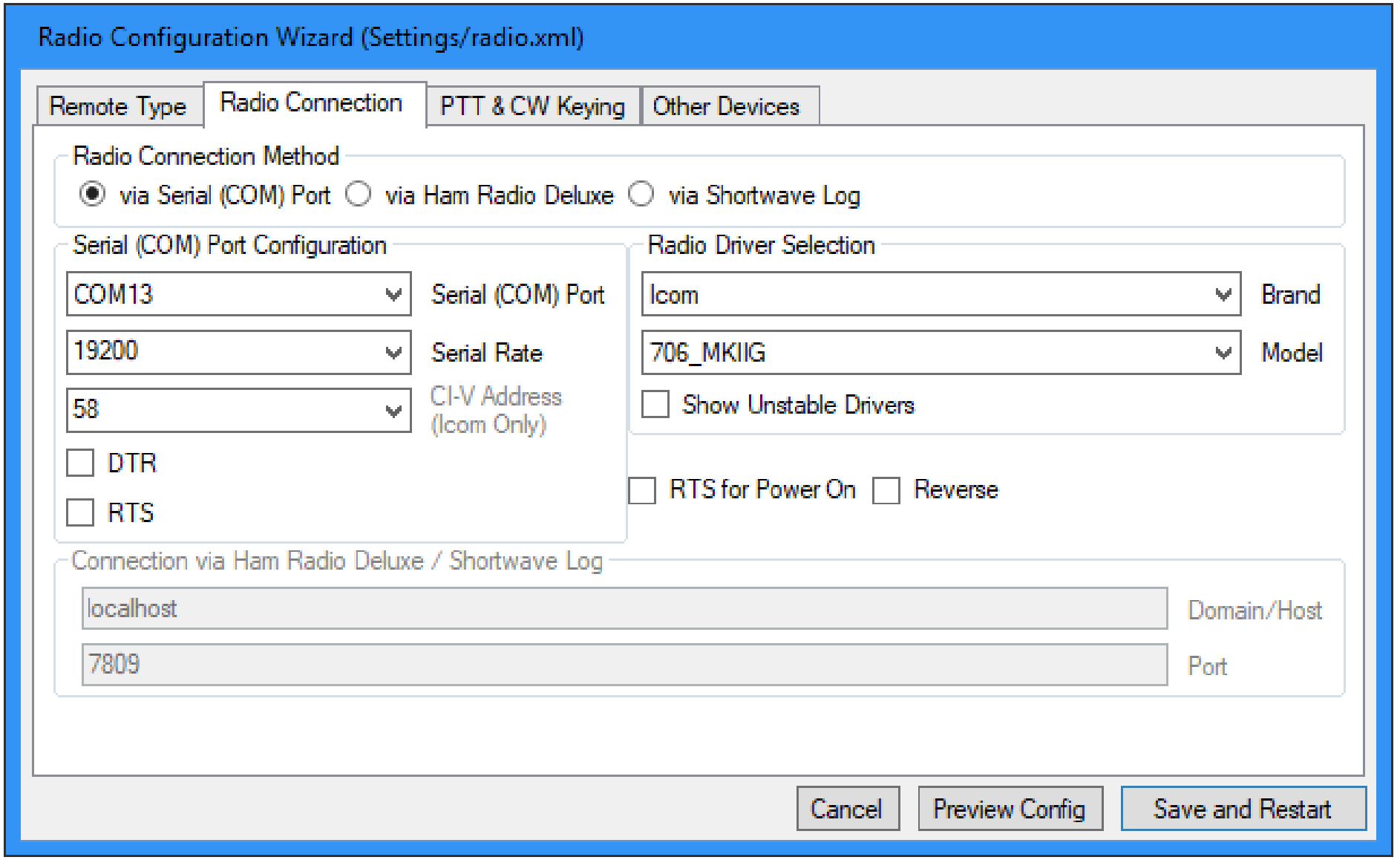

Audio Latency Adjustments
x
Normal Buffers (Default)
Network Buffering Thresholds (TX Audio)
Automatically Adjust Buffers with Network Latency
Minimum Delay
100ms
Maximum Delay
2000ms
Playback Device (TX Audio from Clients)
Number of Buffers
4
Desired Device Latency
100ms
Capture Device (RX Audio to Clients)
Number of Buffers
2
Desired Device Latency
100ms
Restore Defaults
Close
Save

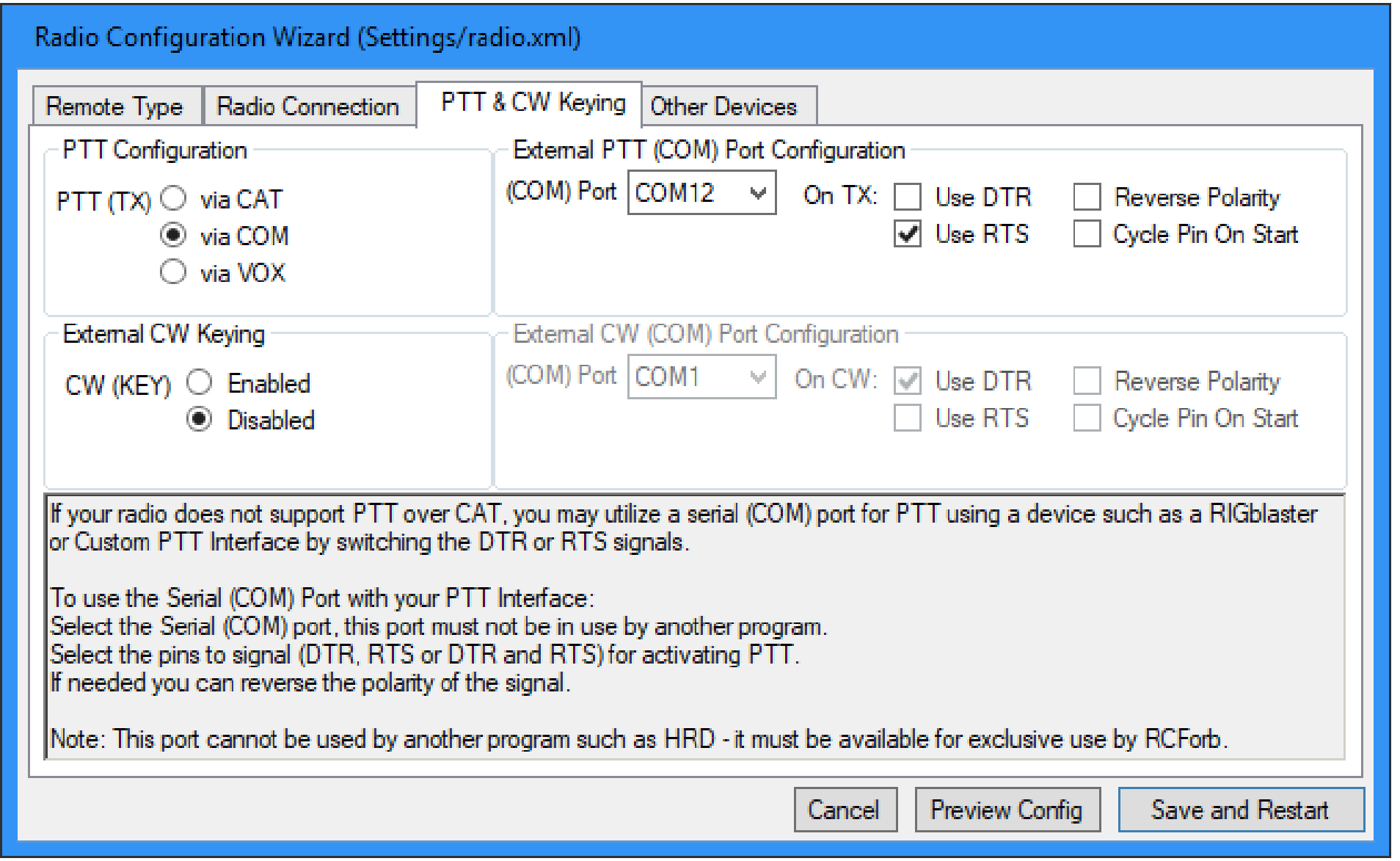

Global Server Configuration Wizard (Settings/server.xml)
Audio Settings
Server Settings
Publishing
VoIP Server
VOIP Port
4524
Wait TX Audio Delay To Unkey
Microphone (RX Audio from Radio)
Line-In (IDT High Definition Au
Device Mode
WaveOut (Default)
Speakers (TX Audio to Radio)
Lautsprecher / Kopfhörer (IDT H
VoIP Codec (Compression)
Speex
Mic Level (RX Audio Input)
Volume (TX Audio Output)
3rd Party Audio Solutions (Unreal Media Server, Skype, Icecast, etc.)
Streaming Audio (RX Only)
Type
Disabled
Domain/Host
ypi.remotehams.com
Server Port
5119
Alias/Mount
ft857
Skype for Audio (RX/TX)
Skype Name
Custom Stream URL
Title of URL
URL:
Close
Restart
Save and Close
Save and Restart

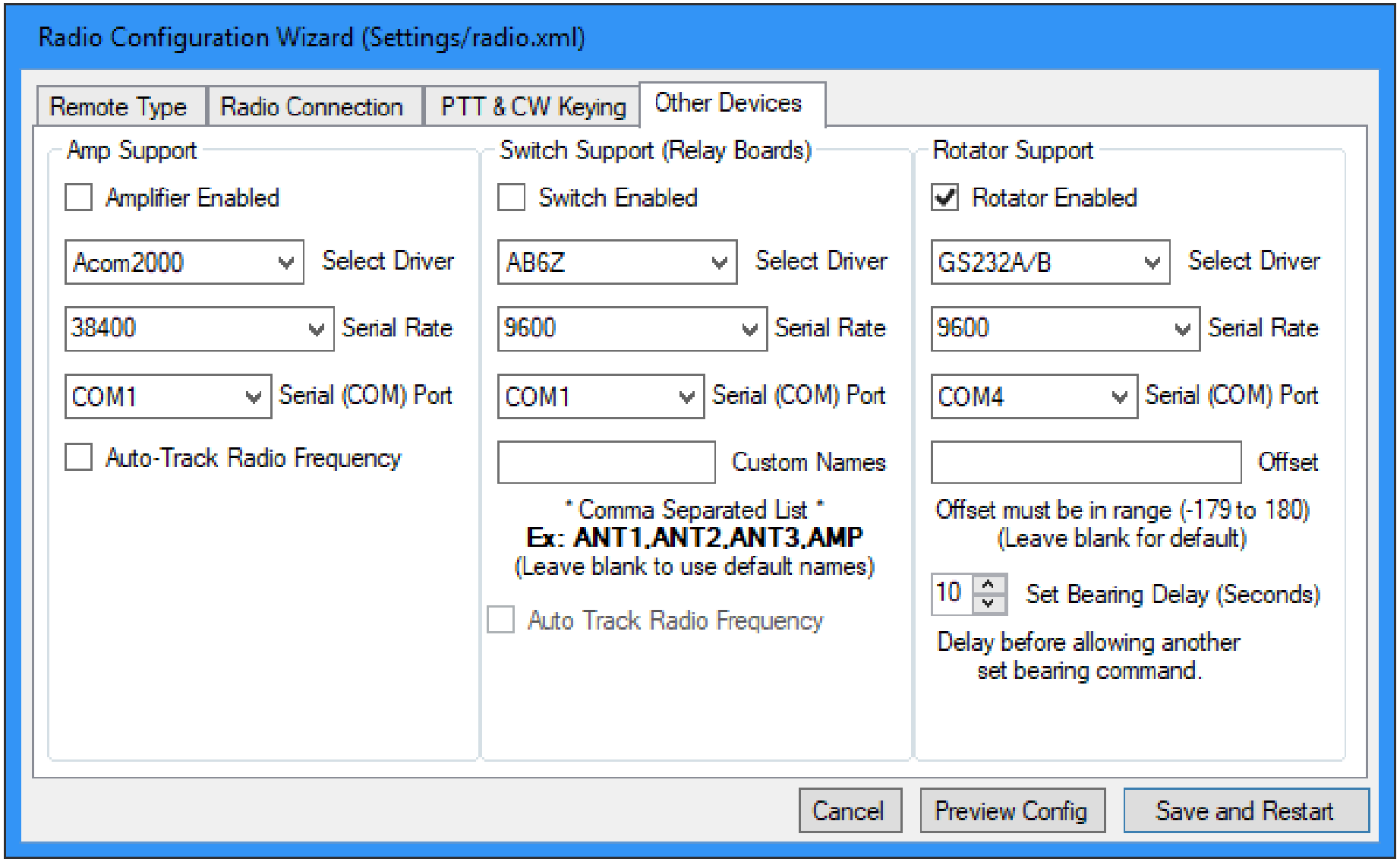

Global Server Configuration Wizard (Settings/server.xml)
Audio Settings
Server Settings
Publishing
Radio Server Settings
Radio Server Port
4525
HRD IP-Server Emulation
Emulate HRD Version
Disabled
IP-Server Port (Default: 7809)
7809
Basic Security
Require Login to Tune
Guests Not Allowed
Enforce "Ask To Tune" Policy
Enforce "Wait To Tune" Policy
Turn TX off when user disconnects
Enable "Reserved Slot" System
TOT Timer (Seconds)
180
Auto Restrict Remote to (Club, Tx, Admin)
Client Idle Timeout in Hours
Any setting below 1 hour
will disabled the timeout.
1,0
Close
Restart
Save and Close
Save and Restart

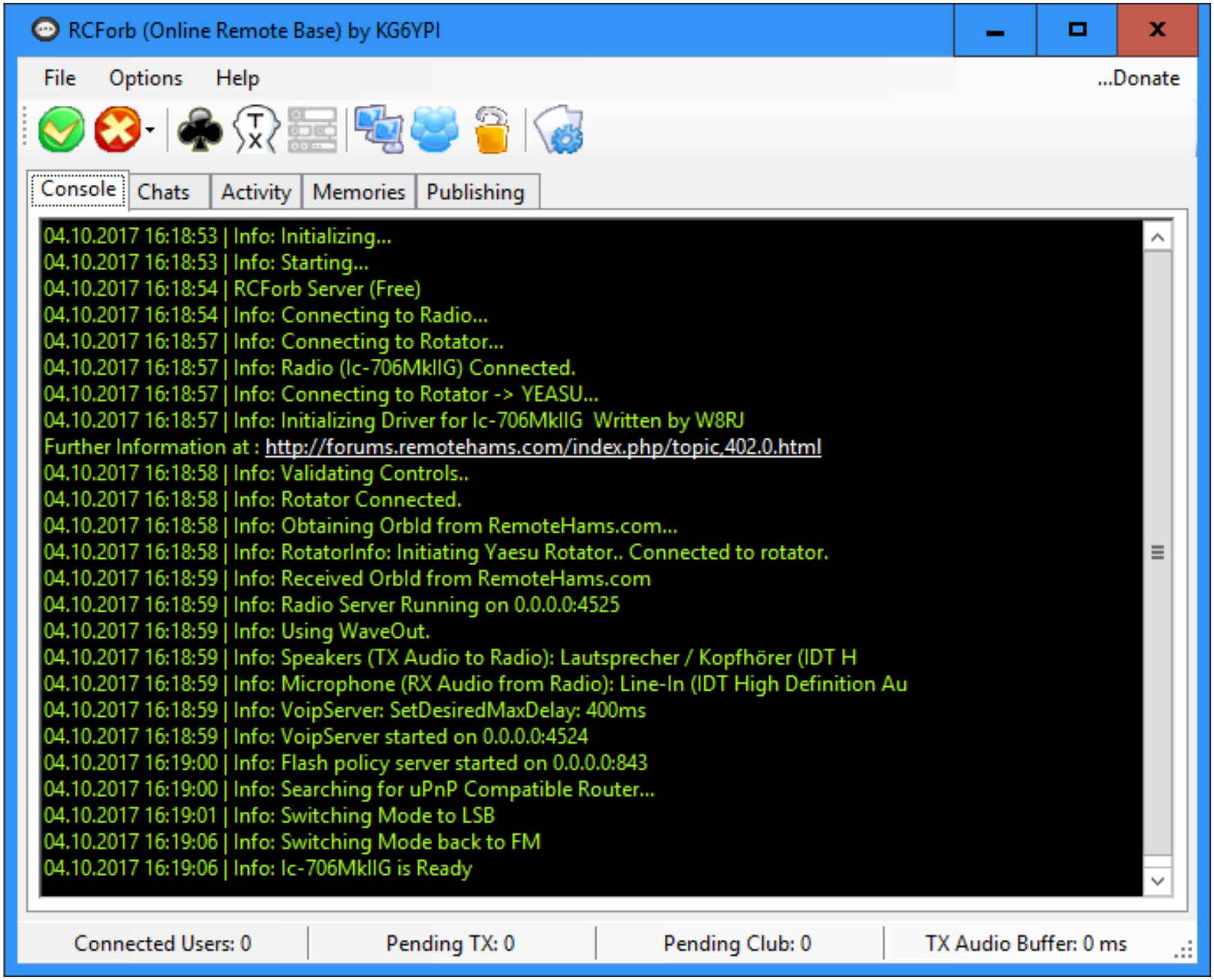

Global Server Configuration Wizard (Settings/server.xml)
Audio Settings
Server Settings
Publishing
Visible on RemoteHams.com
Name of Remote
HB9MFL
TX Allowed
Club Mode
Privacy From Guests
City
Deitingen
State or County
SO
Country
Switzerland
Grid Square
JN37TF
Lookup Grid Square
Domain (Optional)
Custom ORB Page URL:
Welcome Message / Description
Welcome to my remote using a ICOM IC706 MKIIG
PopUp Message On User Connection
Welcome to HB9MFL's remote radio base. Use of this remote radio base ist restricted to club members. This is a radio for test purposes connected to a Dipol in the 70cm Band .
Close
Restart
Save and Close
Save and Restart


Radio Configuration Wizard (Settings/radio.xml)
Remote Type
Radio Connection
PTT & CW Keying
Other Devices
Full Remote Radio (CAT Controlable)
Simplex / Repeater Link (PTT Only)
Virtual Remote (Testing Purposes)
Choosing your Remote Type
Choose Full Remote:
If your planning on setting up a CAT contrable radio allowing users to change frequency, etc.
Choose Simplex / Repeater Link:
If you planning on setting up a PTT only based remote for linking a simplex frequency or repeater.
Cancel
Preview Config
Save and Restart

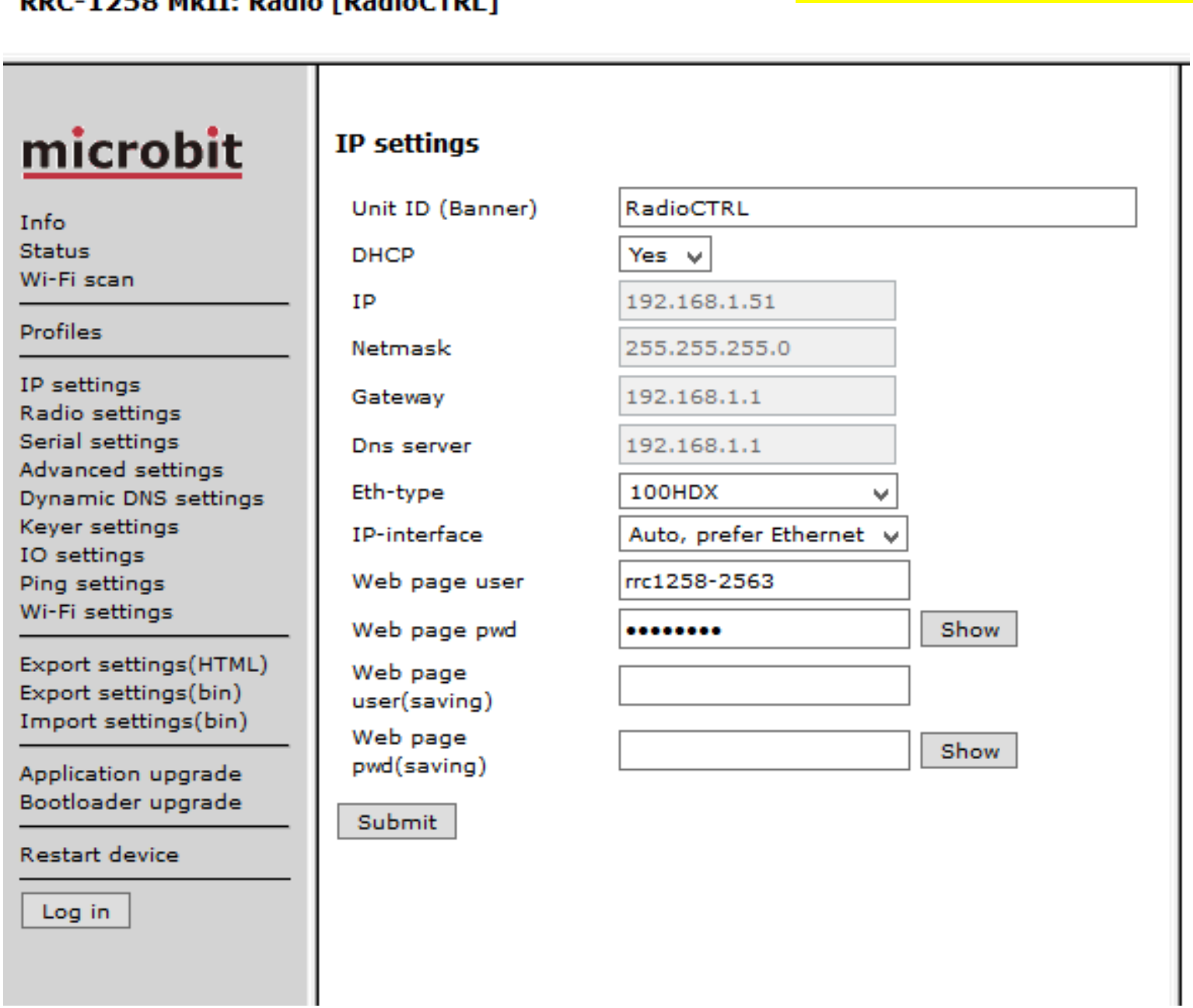

Radio Configuration Wizard (Settings/radio.xml)
Remote Type
Radio Connection
PTT & CW Keying
Other Devices
Radio Connection Method
via Serial (COM) Port
via Ham Radio Deluxe
via Shortwave Log
Serial (COM) Port Configuration
COM13
Serial (COM) Port
19200
Serial Rate
58
CI-V Address (Icom Only)
DTR
RTS
Radio Driver Selection
Icom
Brand
706_MKIIG
Model
Show Unstable Drivers
RTS for Power On
Reverse
Connection via Ham Radio Deluxe / Shortwave Log
localhost
Domain/Host
7809
Port
Cancel
Preview Config
Save and Restart


Radio Configuration Wizard (Settings/radio.xml)
Remote Type
Radio Connection
PTT & CW Keying
Other Devices
PTT Configuration
PTT (TX)
via CAT
via COM
via VOX
External PTT (COM) Port Configuration
(COM) Port
COM12
On TX:
Use DTR
Use RTS
Reverse Polarity
Cycle Pin On Start
External CW Keying
CW (KEY)
Enabled
Disabled
External CW (COM) Port Configuration
(COM) Port
COM1
On CW:
Use DTR
Use RTS
Reverse Polarity
Cycle Pin On Start
If your radio does not support PTT over CAT, you may utilize a serial (COM) port for PTT using a device such as a RIGblaster or Custom PTT Interface by switching the DTR or RTS signals.
To use the Serial (COM) Port with your PTT Interface:
Select the Serial (COM) port, this port must not be in use by another program.
Select the pins to signal (DTR, RTS or DTR and RTS) for activating PTT.
If needed you can reverse the polarity of the signal.
Note: This port cannot be used by another program such as HRD - it must be available for exclusive use by RCForb.
Cancel
Preview Config
Save and Restart


Radio Configuration Wizard (Settings/radio.xml)
Remote Type
Radio Connection
PTT & CW Keying
Other Devices
Amp Support
Amplifier Enabled
Acom2000
Select Driver
38400
Serial Rate
COM1
Serial (COM) Port
Auto-Track Radio Frequency
Switch Support (Relay Boards)
Switch Enabled
AB6Z
Select Driver
9600
Serial Rate
COM1
Serial (COM) Port
Custom Names
* Comma Separated List *
Ex: ANT1,ANT2,ANT3,AMP
(Leave blank to use default names)
Auto Track Radio Frequency
Rotator Support
Rotator Enabled
GS232A/B
Select Driver
9600
Serial Rate
COM4
Serial (COM) Port
Offset
Offset must be in range (-179 to 180)
(Leave blank for default)
10
Set Bearing Delay (Seconds)
Delay before allowing another
set bearing command.
Cancel
Preview Config
Save and Restart


RCForb (Online Remote Base) by KG6YPI
File
Options
Help
...Donate
Console
Chats
Activity
Memories
Publishing
04.10.2017 16:18:53 | Info: Initializing...
04.10.2017 16:18:53 | Info: Starting...
04.10.2017 16:18:54 | RCForb Server (Free)
04.10.2017 16:18:54 | Info: Connecting to Radio...
04.10.2017 16:18:57 | Info: Connecting to Rotator...
04.10.2017 16:18:57 | Info: Radio (Ic-706MkIIG) Connected.
04.10.2017 16:18:57 | Info: Connecting to Rotator -> YEASU...
04.10.2017 16:18:57 | Info: Initializing Driver for Ic-706MkIIG Written by W8RJ
Further Information at : http://forums.remotehams.com/index.php/topic,402.0.html
04.10.2017 16:18:58 | Info: Validating Controls..
04.10.2017 16:18:58 | Info: Rotator Connected.
04.10.2017 16:18:58 | Info: Obtaining OrbId from RemoteHams.com...
04.10.2017 16:18:58 | Info: RotatorInfo: Initiating Yaesu Rotator.. Connected to rotator.
04.10.2017 16:18:59 | Info: Received OrbId from RemoteHams.com
04.10.2017 16:18:59 | Info: Radio Server Running on 0.0.0.0:4525
04.10.2017 16:18:59 | Info: Using WaveOut.
04.10.2017 16:18:59 | Info: Speakers (TX Audio to Radio): Lautsprecher / Kopfhörer (IDT H
04.10.2017 16:18:59 | Info: Microphone (RX Audio from Radio): Line-In (IDT High Definition Au
04.10.2017 16:18:59 | Info: VoipServer: SetDesiredMaxDelay: 400ms
04.10.2017 16:18:59 | Info: VoipServer started on 0.0.0.0:4524
04.10.2017 16:19:00 | Info: Flash policy server started on 0.0.0.0:843
04.10.2017 16:19:00 | Info: Searching for uPnP Compatible Router...
04.10.2017 16:19:01 | Info: Switching Mode to LSB
04.10.2017 16:19:06 | Info: Switching Mode back to FM
04.10.2017 16:19:06 | Info: Ic-706MkIIG is Ready
Connected Users: 0
Pending TX: 0
Pending Club: 0
TX Audio Buffer: 0 ms

SETUP Radio Box (IC706)



SETUP Radio Box (IC706)

RRC-1258 MkII: Radio [RadioCTRL]

microbit

- Info
- Status
- Wi-Fi scan

- Profiles

- IP settings
- Radio settings
- Serial settings
- Advanced settings
- Dynamic DNS settings
- Keyer settings
- IO settings
- Ping settings
- Wi-Fi settings

- Export settings(HTML)
- Export settings(bin)
- Import settings(bin)

- Application upgrade
- Bootloader upgrade

- Restart device

Log in

Radio settings

Program mode	1 - ICOM CI-V
Sip password	••••• Show
Audio quality	2 - Linear 16 bits 8 kHz
Codec out gain	255
Codec inp gain	0
Codec inp HPF Hz	163
Codec inp attenuation	No
COM0 baudrate	19200
COM0 data bits	8
COM0 stop bits	1
COM0 parity	0 - Off
COM0 Program mode 3 char timeout	2

Submit

Settings help

Baudrate	Radio
9600	IC-R2500
19200	IC-706, FT-8800/8900
38400	IC-7100, IC-2820, DX-SR8
48000	FTM-350
57600	TS480, TS2000, TM-D710
64000	FT-100, FT-857

SETUP Radio Box (IC706)

RRC-1258 MkII: Radio [RadioCTRL]

microbit

- Info
- Status
- Wi-Fi scan

- Profiles

- IP settings
- Radio settings
- Serial settings
- Advanced settings
- Dynamic DNS settings
- Keyer settings
- IO settings
- Ping settings
- Wi-Fi settings

- Export settings(HTML)
- Export settings(bin)
- Import settings(bin)

- Application upgrade
- Bootloader upgrade

- Restart device

Log in

Serial settings

COM1 mode	Mode-3, char-timeout
COM1 baudrate	9600
COM1 data bits	8
COM1 stop bits	1
COM1 parity	0 - Off
COM1 rts/cts	No
COM1 terminator (hex)	00
COM2 mode	Inactive
COM2 baudrate	9600
COM2 data bits	8
COM2 stop bits	1
COM2 parity	0 - Off
COM2 terminator (hex)	00

Submit

SETUP Radio Box (IC706)

RRC-1258 MkII: Radio [RadioCTRL]

microbit

- Info
- Status
- Wi-Fi scan

- Profiles

- IP settings
- Radio settings
- Serial settings
- Advanced settings
- Dynamic DNS settings
- Keyer settings
- IO settings
- Ping settings
- Wi-Fi settings

- Export settings(HTML)
- Export settings(bin)
- Import settings(bin)

- Application upgrade
- Bootloader upgrade

- Restart device

Log in

Advanced settings

UDP cmd port	13002
UDP audio port	13001
SIP port	13000
Web server port	80
Telnet server port	23
Rx jitter buffer size	8
Rx jitter delay	3
Audio packet size (ms)	40
RTP tx mode	Normal
IP Type-of-Service (dec)	0
Yaesu power-on/off	No
UDP antenna-switch port	13010
UDP cmd min-data-size	0
Use common network settings	No

Submit

SETUP Radio Box (IC706)

RRC-1258 MkII: Radio [RadioCTRL]

microbit

- Info
- Status
- Wi-Fi scan

- Profiles

- IP settings
- Radio settings
- Serial settings
- Advanced settings
- Dynamic DNS settings
- Keyer settings
- IO settings
- Ping settings
- Wi-Fi settings

- Export settings(HTML)
- Export settings(bin)
- Import settings(bin)

- Application upgrade
- Bootloader upgrade

- Restart device

Log in

Dynamic DNS settings

Check interval	10
DDNS Host name	ddns.remoterig.com
Own host name	d1c4t2qm.ddns.remoterig.com
Username	rrc1258-2563
Password	•••••••• Show

Submit

SETUP CTRL Box

RRC-1258 MkII: Control [Control]

microbit

Info
Status
Wi-Fi scan

Profiles

IP settings
Radio settings
Serial settings
Advanced settings
Dynamic DNS settings
Keyer settings
IO settings
Ping settings
Wi-Fi settings

Export settings(HTML)
Export settings(bin)
Import settings(bin)

Application upgrade
Bootloader upgrade

Restart device

Log in

IP settings

Unit ID (Banner)	Control
DHCP	Yes
IP	192.168.1.50
Netmask	255.255.255.0
Gateway	192.168.1.1
Dns server	192.168.1.1
Eth-type	Auto
IP-interface	Auto, prefer Ethernet
Web page user	rrc1258-2563
Web page pwd	•••••••• Show
Web page user(saving)	
Web page pwd(saving)	Show

Submit

SETUP CTRL Box

RRC-1258 MkII: Control [Control]

microbit

- Info
- Status
- Wi-Fi scan

- Profiles

- IP settings
- Radio settings
- Serial settings
- Advanced settings
- Dynamic DNS settings
- Keyer settings
- IO settings
- Ping settings
- Wi-Fi settings

- Export settings(HTML)
- Export settings(bin)
- Import settings(bin)

- Application upgrade
- Bootloader upgrade

- Restart device

Log in

Radio settings

Program mode	1 - ICOM CI-V
Sip password	••••• Show
Sip contact(Radio RRC IP/hostname)	d1c4t2qm.ddns.remoterig.com
Auto connect	No
Audio quality	2 - Linear 16 bits 8 kHz
Codec out gain	255
Codec inp gain	18
Codec inp HPF Hz	163
Codec inp preamp	Yes
COM0 baudrate	19200
COM0 data bits	8
COM0 stop bits	1
COM0 parity	0 - Off
COM0 Program mode 3 char timeout	2
Use USB Com Port as COM0	Yes

Submit

SETUP CTRL Box

RRC-1258 MkII: Control [Control]

microbit

Info
Status
Wi-Fi scan

Profiles

IP settings
Radio settings
Serial settings
Advanced settings
Dynamic DNS settings
Keyer settings
IO settings
Ping settings
Wi-Fi settings

Export settings(HTML)
Export settings(bin)
Import settings(bin)

Application upgrade
Bootloader upgrade

Restart device

Log in

Serial settings

COM1 mode	Mode-3, char-timeout
COM1 baudrate	9600
COM1 data bits	8
COM1 stop bits	1
COM1 parity	0 - Off
COM1 rts/cts	No
COM1 terminator (hex)	00
Use USB Com Port as COM1	No
COM2 mode	Inactive
COM2 baudrate	19200
COM2 data bits	8
COM2 stop bits	1
COM2 parity	0 - Off
COM2 terminator (hex)	00
Use USB Com Port as COM2	No
COM3(Extra) mode (USB-COMFSK)	Inactive

Submit

SETUP CTRL Box

RRC-1258 MkII: Control [Control]

microbit

- Info
- Status
- Wi-Fi scan

- Profiles

- IP settings
- Radio settings
- Serial settings
- Advanced settings
- Dynamic DNS settings
- Keyer settings
- IO settings
- Ping settings
- Wi-Fi settings

- Export settings(HTML)
- Export settings(bin)
- Import settings(bin)

- Application upgrade
- Bootloader upgrade

- Restart device

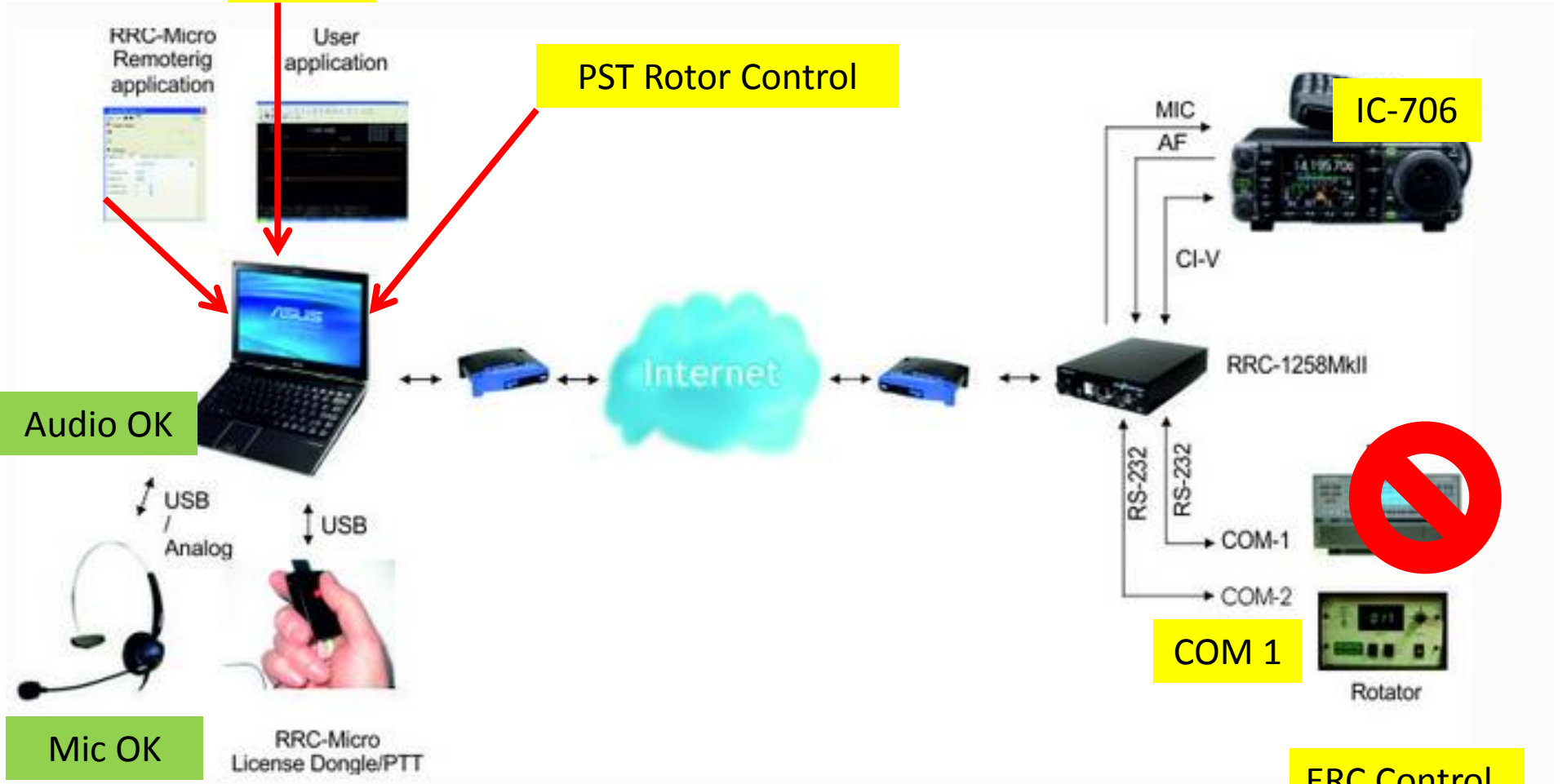
Log in

Advanced settings

UDP cmd port	13002
UDP audio port	13001
SIP port	13000
Web server port	80
Telnet server port	23
Rx jitter buffer size	8
Rx jitter delay	3
Audio packet size (ms)	20
RTP tx mode	Normal
Disable audio tones	No
Audio tones -db [70-0]	30
IP identification (morse)	No
Full duplex	No
PTT-off mute delay	0
IP Type-of-Service (dec)	0
UDP cmd min-data-size	0
Use common network settings	No

Submit

Initial Test-SETUP RemoteRig Client

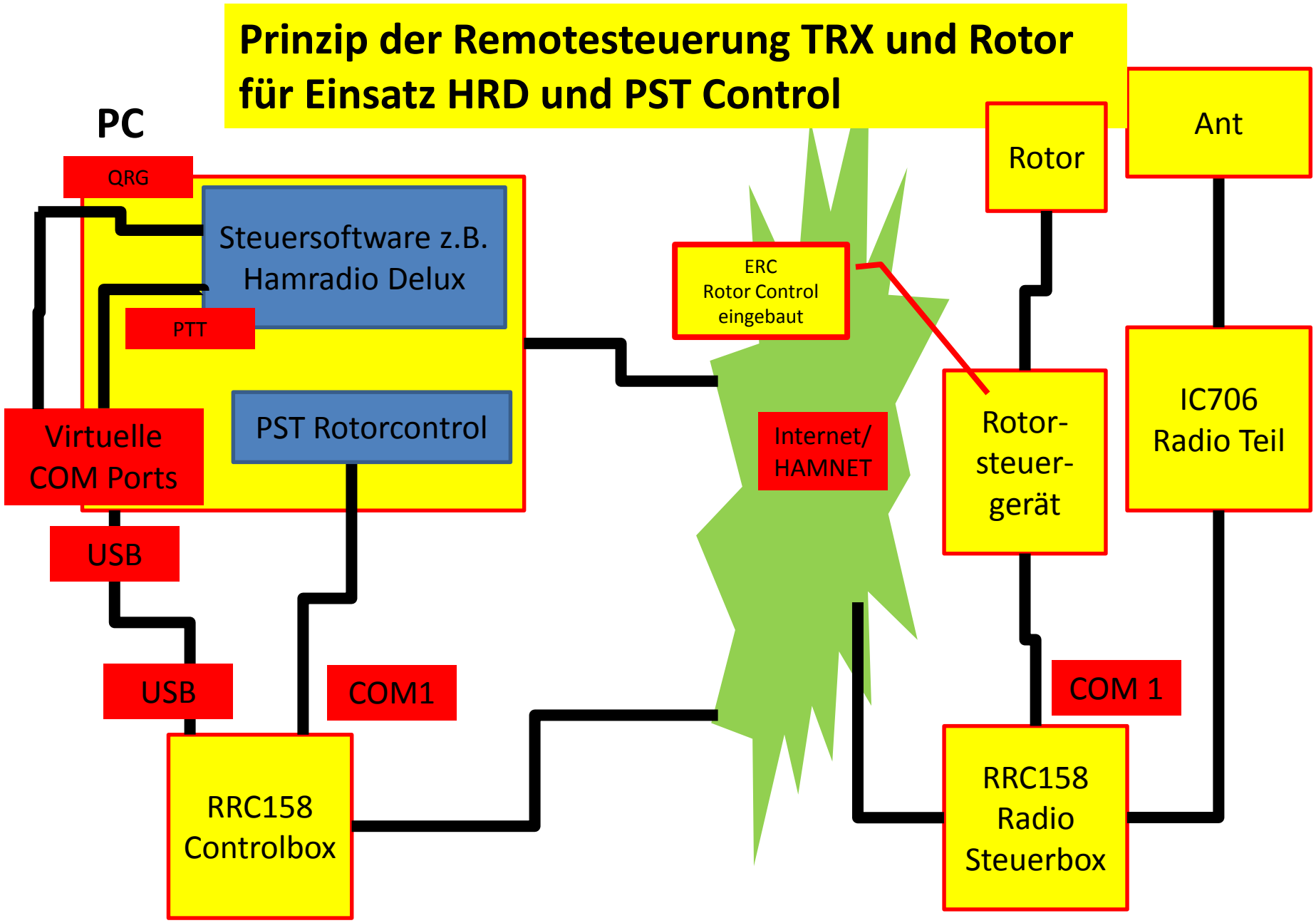


Showing on PC:
Serial Port COM 1
Serial Port COM 2
Serial Port COM 3

HRD TRX Control OK on COM 1

PST Rotor Control OK on COM 2

ERC Control in Yaesu Rotorcontrol box


Prinzip der Remotesteuerung TRX und Rotor
für Einsatz HRD und PST Control
PC
QRG
Steuersoftware z.B.
Hamradio Delux
PTT
PST Rotorcontrol
Virtuelle
COM Ports
USB
USB
COM1
RRC158
Controlbox
ERC
Rotor Control
eingebaut
Internet/
HAMNET
Rotor
Ant
Rotor-
steuer-
gerät
IC706
Radio Teil
COM 1
RRC158
Radio
Steuerbox