

## How do I setup the RoxiTEK Radio Gateway?



### Add a Gateway from your management console

1. Log into your management console with your admin Username. It should be something like [Your network name].zellowork.com.
2. Under Network and Gateways, select Add New gateway.

 <https://mycompany.zellowork.com/gateways.htm>



Zello@Work / mycompany

## Radio gateways

Delete

Link to: <Select channel> ▼

Select: [All](#), [None](#)

No gateways configured. Before you start, please read the instructions below

Delete

Link to: <Select channel> ▼

3. Next, choose a Login name and Password, then click Create new gateway.

 Zello@Work / mycompany

# Radio gateways

Link to:

Select: [All](#), [None](#)

No gateways configured.

Link to:

## Two way radio network

This interface allows you to manage the segments of your radio network.

1. Prepare the site with the required hardware and software interfaces. If necessary, consult the documentation for the hardware and software.
2. Add new gateway

### New gateway

Login:

Password:

Repeat password:

Alias:

Tags (comma separated):

or [Cancel](#)

4. Add the Gateway to a channel to connect your 2-way radios to Zello users. Select the Gateway you want to add to a channel, and using the drop-down menu, add the Gateway to a channel.

 <https://mycompany.zellowork.com/gateways.htm>



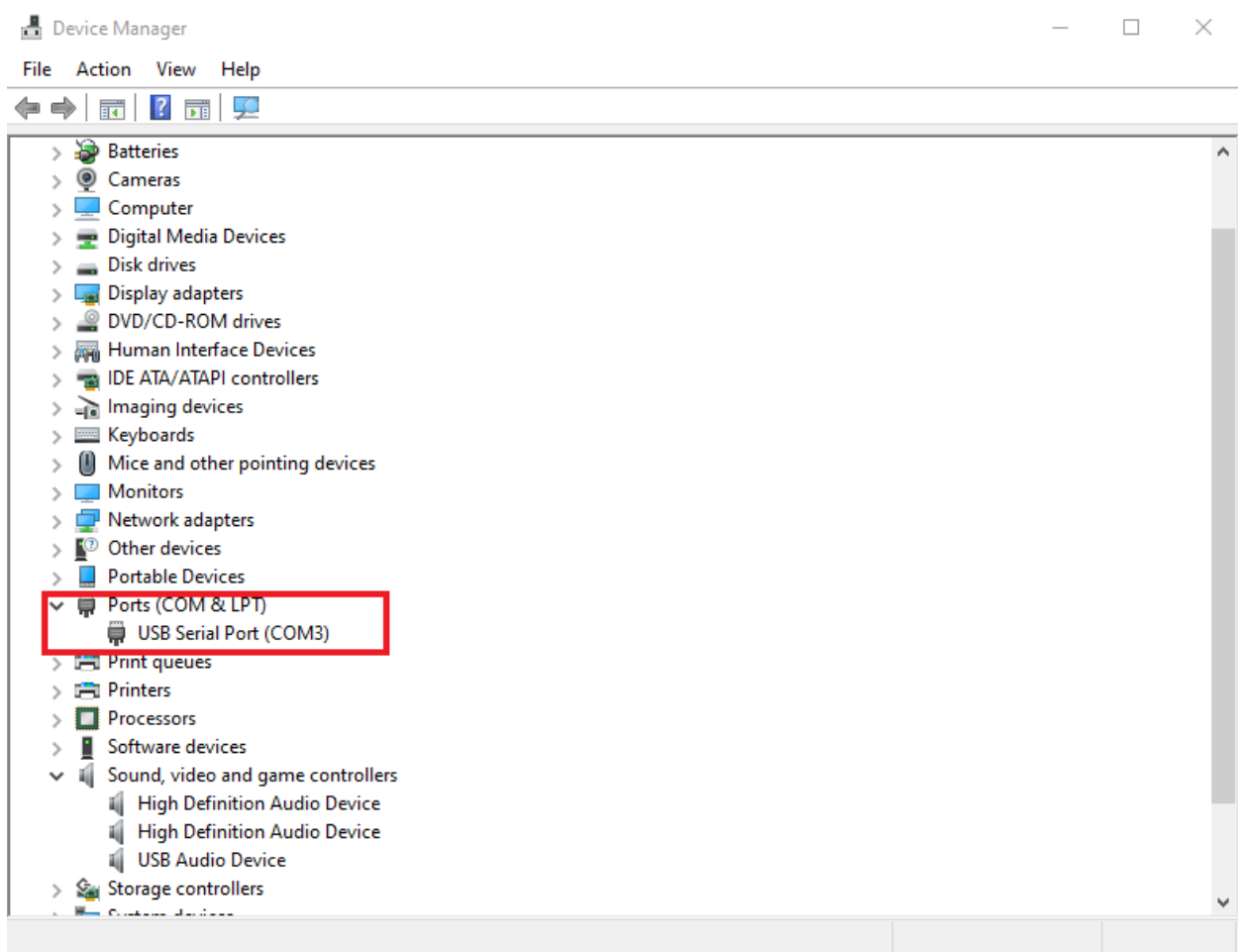
Zello@Work / mycompany

## Radio gateways

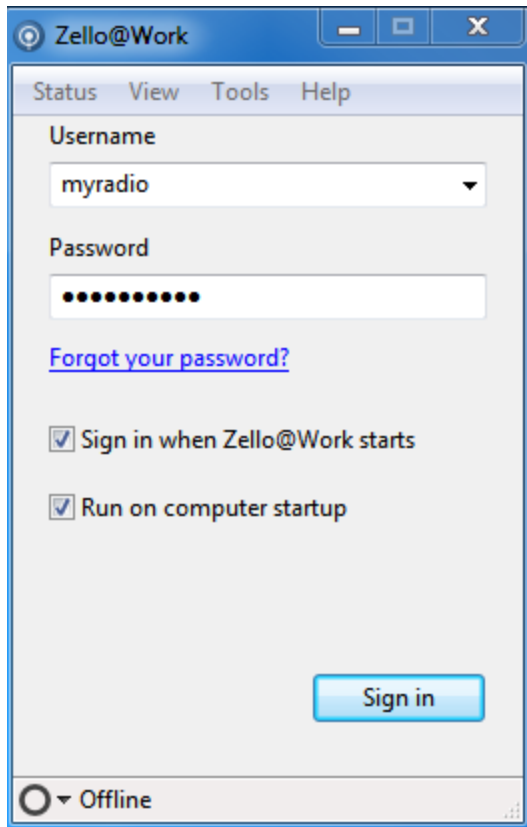
<input type="button" value="Delete"/>	Link to:	<div>Everyone ▼ &lt;Select channel&gt; All-hands Development Everyone Finance Marketing</div>
Select: <a href="#">All</a> , <a href="#">None</a>		
<input checked="" type="checkbox"/>	myradio	
<input type="button" value="Delete"/>	Link to:	<div>&lt;Select channel&gt; ▼</div>

## Set-up the Gateway

1. Install the FTDI drivers provided on the USB drive in the package.
2. Then connect the gateway to your computer utilizing the USB cable provided. The COM-port of the gateway can be determined by opening Device Manager on your computer and navigating to Port (COM&LPT.) Make sure you have a USB Serial Port as shown. If you DO NOT have a USB Serial Port assignment, then the FTDI drivers did not install properly and should be reinstalled..



3. Login to Zello@work using the Username and Password assigned to your gateway.

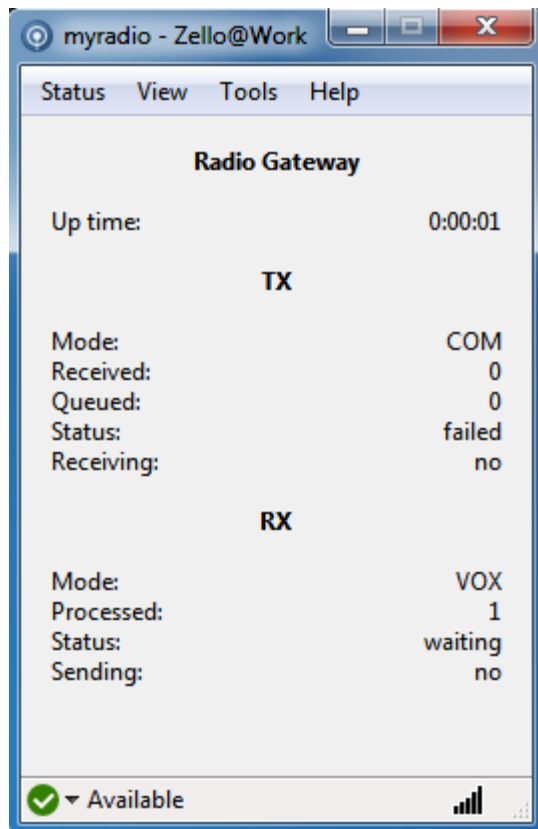


The image shows a screenshot of the Zello@Work application window. The window has a blue title bar with the text "Zello@Work" and standard Windows window controls (minimize, maximize, close). Below the title bar is a menu bar with "Status", "View", "Tools", and "Help". The main area contains a login form with the following elements:

- Username:** A dropdown menu with "myradio" selected.
- Password:** A text field filled with black dots.
- Forgot your password?:** A blue hyperlink.
- Sign in options:** Two checkboxes, both checked:
  - ☒ Sign in when Zello@Work starts
  - ☒ Run on computer startup
- Sign in button:** A blue button with the text "Sign in".

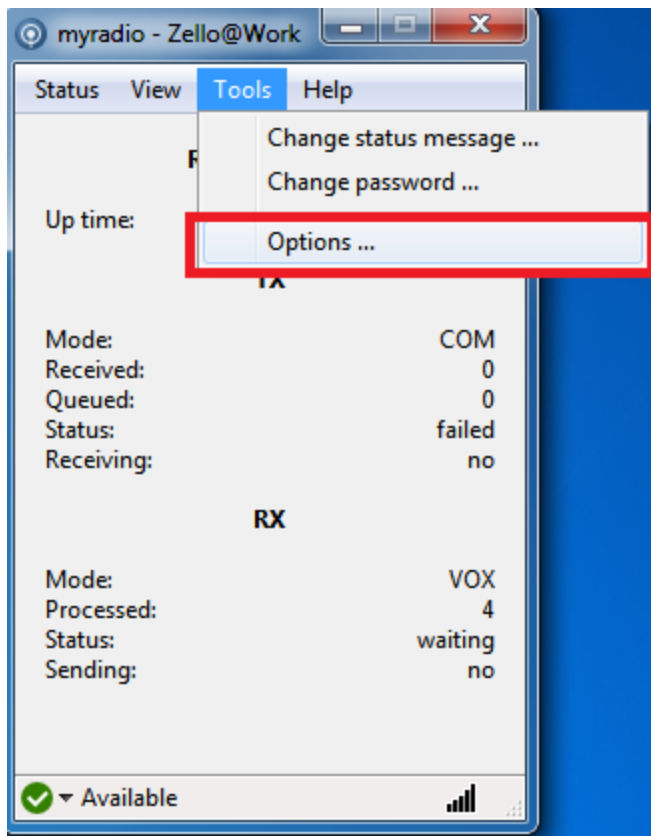
At the bottom of the window, there is a status bar showing a circular icon and the text "Offline".

When logged in you should see a status screen like the one below. If you don't, verify your login information is for a Gateway, and not a user.



TX denotes Zello@work to radio direction and RX denotes radio to [Zello@work](#). VOX mode is used by default in both directions.

4. Open the Gateway settings by selecting Tools, then Options.



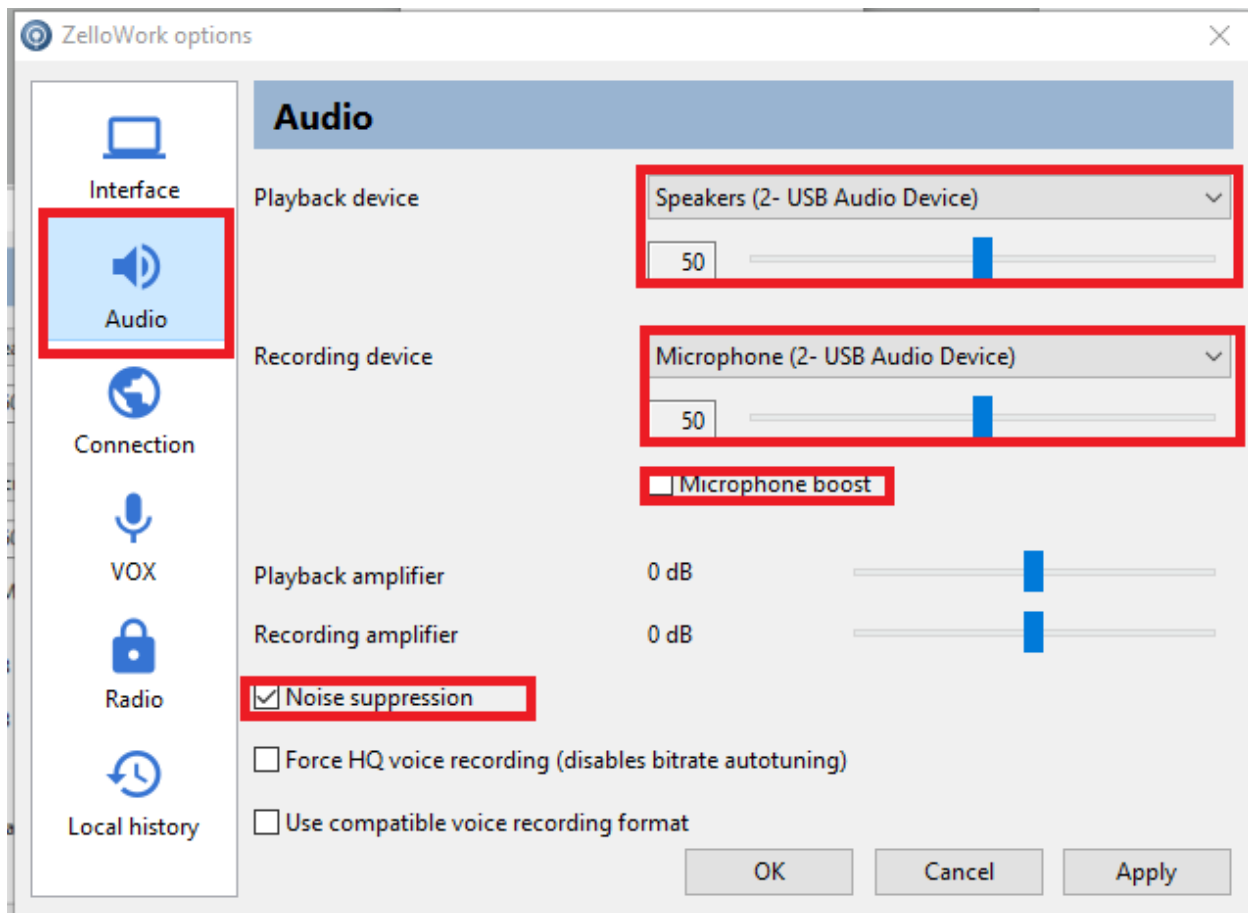
5. On the left, select Audio. Then for Playback device, select Speakers (USB Audio Device). Audio level control should around 50%.

6. Next, for Recording device, select Microphone (USB Audio Device). Set Audio level control around 50%.

7. Deselect Microphone boost. If you have control slider, set it to 0. Audio levels can be adjusted later for the best audio quality.

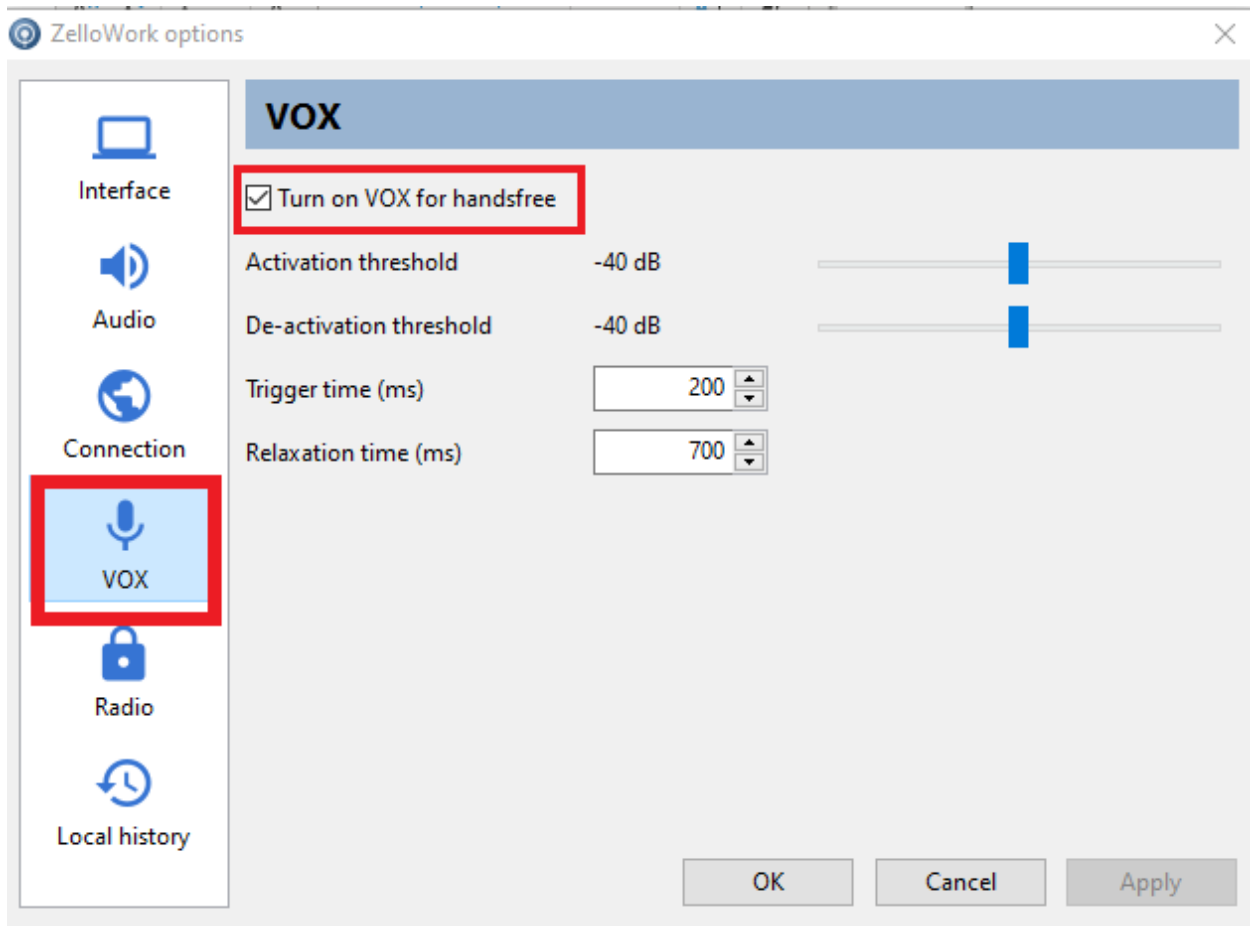
**Note: If a portable radio is being utilized as the link radio, keep in mind that the volume level of the radio will affect the input (microphone) audio level in Zello. It is recommended to set the radio volume level at 50%. Most mobile radios will have flat audio out of the accessory port and will not be affected by the volume control of the radio.**

8. Select Noise suppression. Then click on Apply.

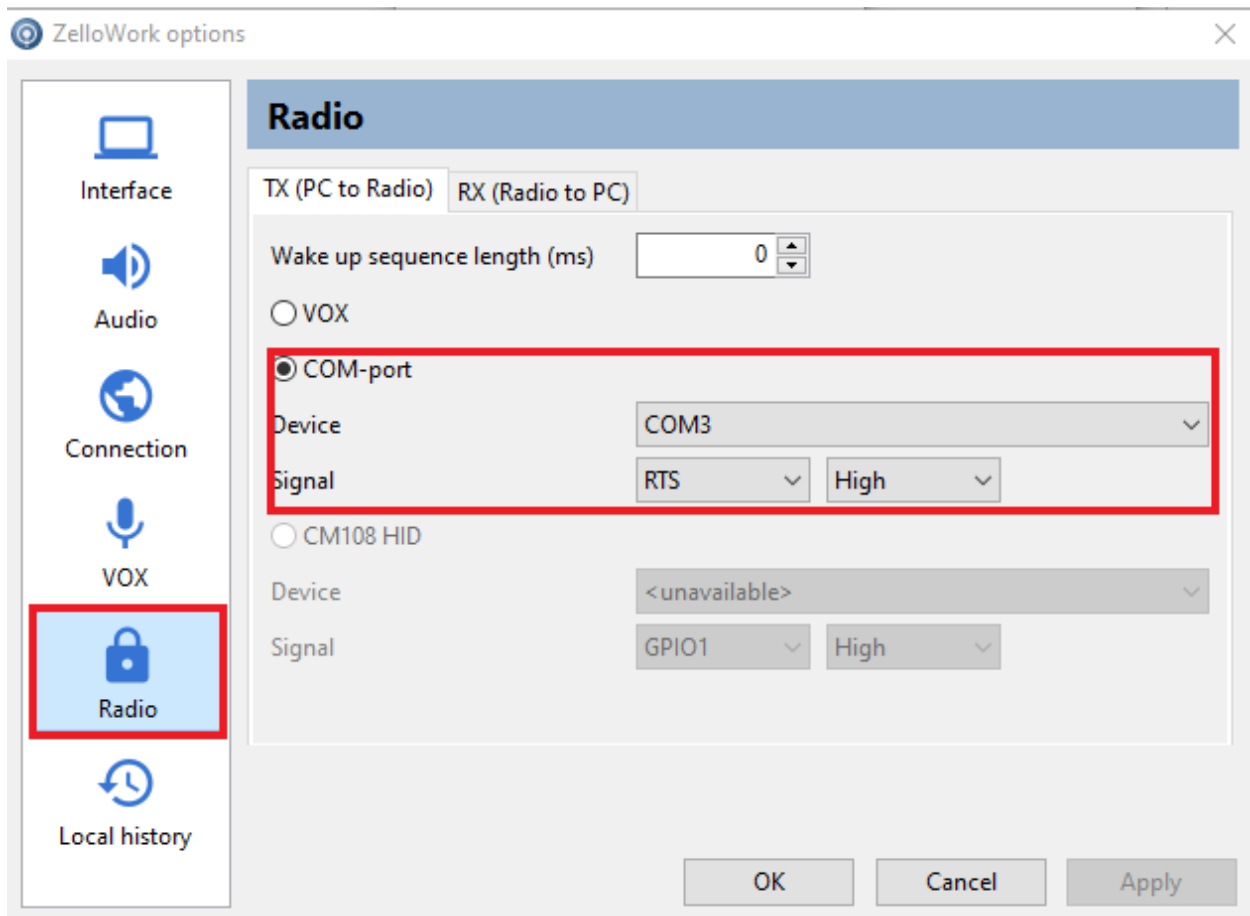




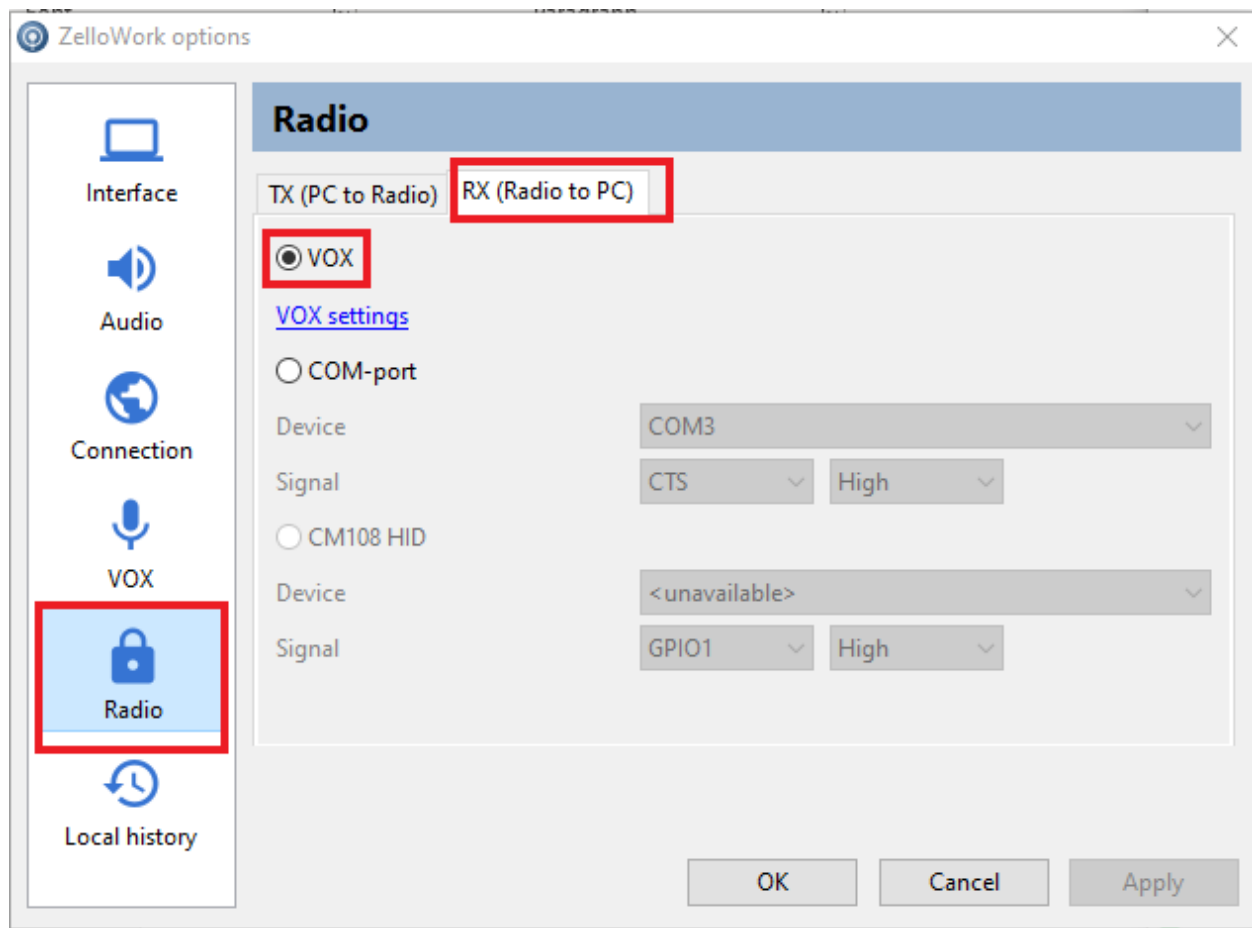
9. Select VOX on the left and then select Turn on VOX for handsfree. Then click Apply.



10. Next, select Radio, then the TX (PC to Radio) tab. Select COM-port and in the drop-down select the COM-port assignment number that matches the assigned number in Device Manager. Set this to RTS High. Then click Apply.



11. Select the RX (Radio to PC) tab and set it to VOX. Click Apply.



**The gateway should now be setup.** You may still need to make some audio level adjustments. You will need to send traffic in each direction and adjust the audio levels for the best quality audio.

Tip: The microphone (Recording) adjustment will adjust the level from the connected radio (Radio Receive Audio) to the PC and the speakers (Playback) will adjust the level from the PC to the radio (Radio Transmit Audio).

**For any questions related to setting up the Radio Gateway, please contact Tim Smith at 502-592-9388 or [tim.smith@roxitek.com](mailto:tim.smith@roxitek.com).**