

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.

The screenshot shows a web browser window with the URL <https://mycompany.zellowork.com/gateways.htm>. The page header includes the Zello@Work logo and the text 'Zello@Work / mycompany'. The main heading is 'Radio gateways'. Below the heading, there are two 'Delete' buttons and 'Link to:' labels. A 'Select: All, None' option is also present. The text 'No gateways configured.' is displayed. A yellow callout box contains the following text: 'Two way radio network', 'This interface allows you to manage segments of your radio network', and a list with two items: '1. Prepare the site with radio interfaces. If necessary, add new interfaces.' and '2. Add new gateway'. A modal window titled 'New gateway' is open, containing the following fields: 'Login:' with the value 'myradio', 'Password:' with masked characters, 'Repeat password:' with masked characters, 'Alias:', and 'Tags (comma separated):'. At the bottom of the modal, the 'Create new gateway' button is highlighted with a red box, followed by the text '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

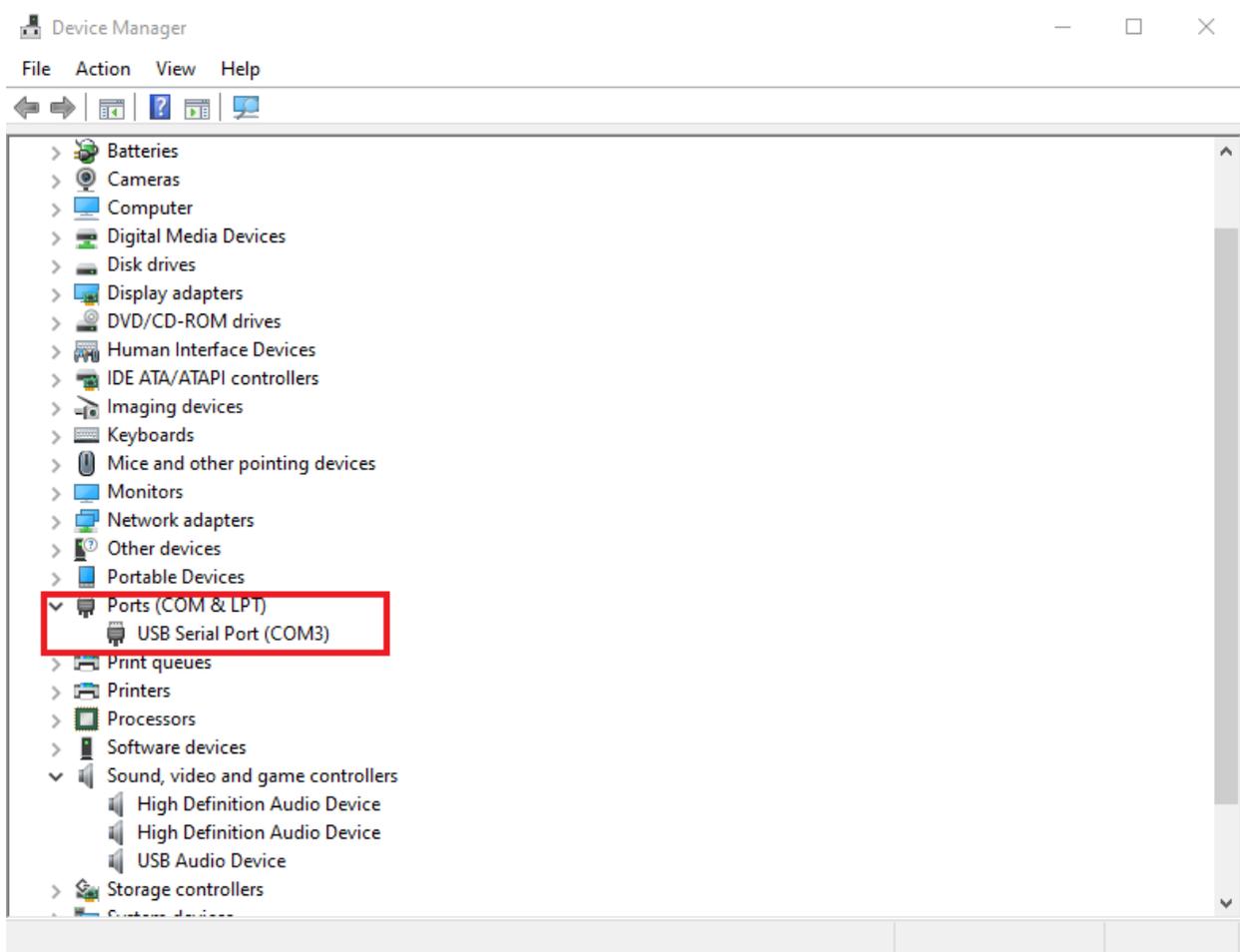
Radio gateways

<input type="button" value="Delete"/>	Link to:	<input type="text" value="Everyone"/>
Select: All , None		
<input checked="" type="checkbox"/>	myradio	<input type="text" value="Everyone"/>
<input type="button" value="Delete"/>	Link to:	<input type="text" value="<Select channel>"/>

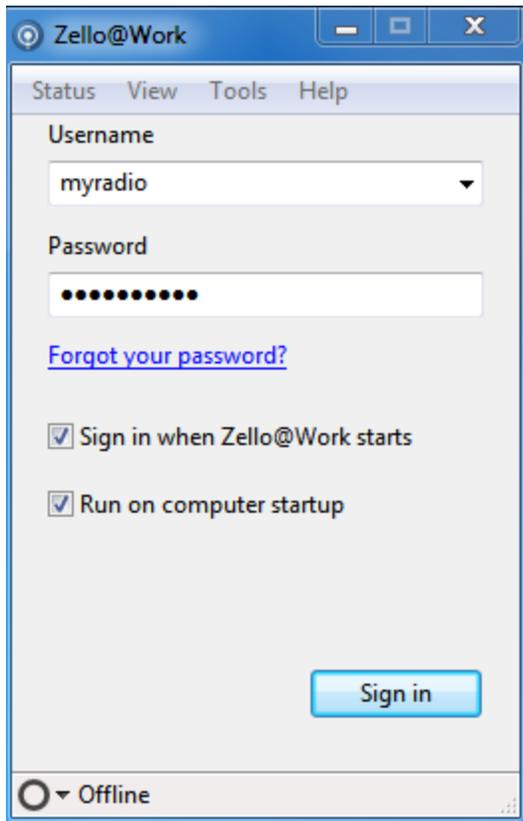
- <Select channel>
- All-hands
- Development
- Everyone
- Finance
- Marketing

Set-up the Gateway

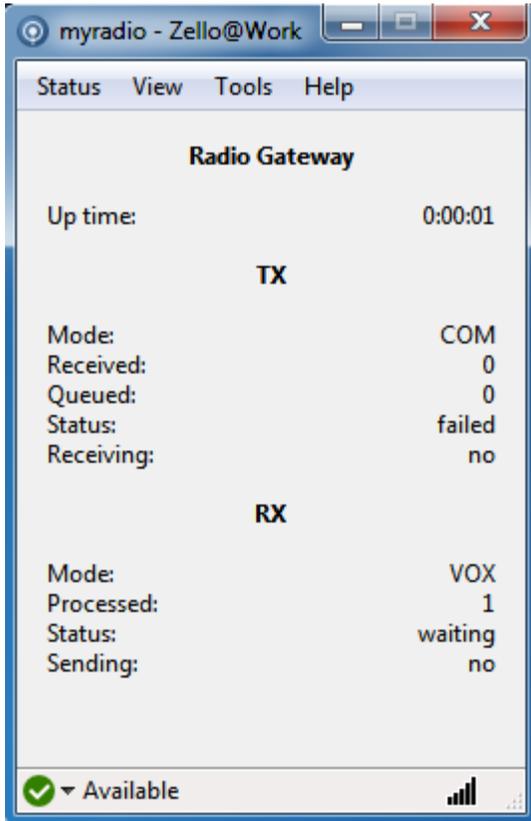
1. Install the FTDI drivers provided on the USB drive in the package.
2. Then connect the gateway to your computer utilizing the USB cable provided. The COM-port of the gateway can be determined by opening Device Manager on your computer and navigating to Port (COM&LPT.) Make sure you have a USB Serial 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.

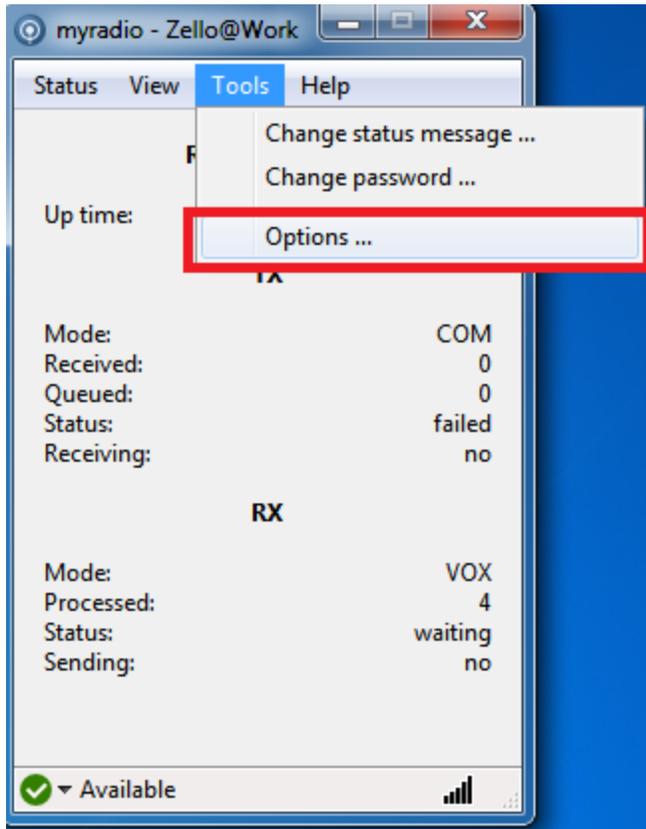


When logged in you should see a status screen like the one below. If you don't, verify your logon information is for a Gateway, and not a user.



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.



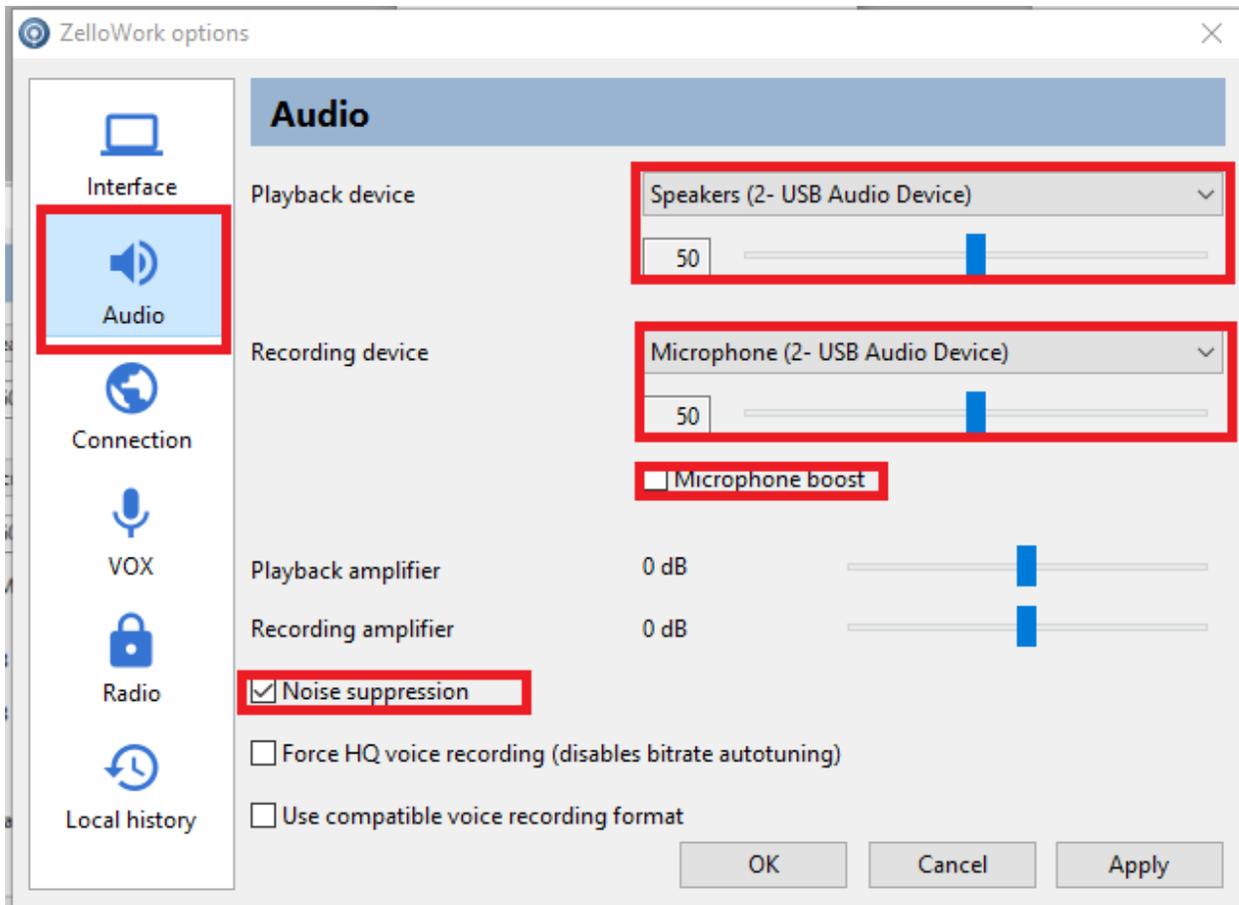
5. On the left, select Audio. Then for Playback device, select Speakers (USB Audio Device). Audio level control should around 50%.

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

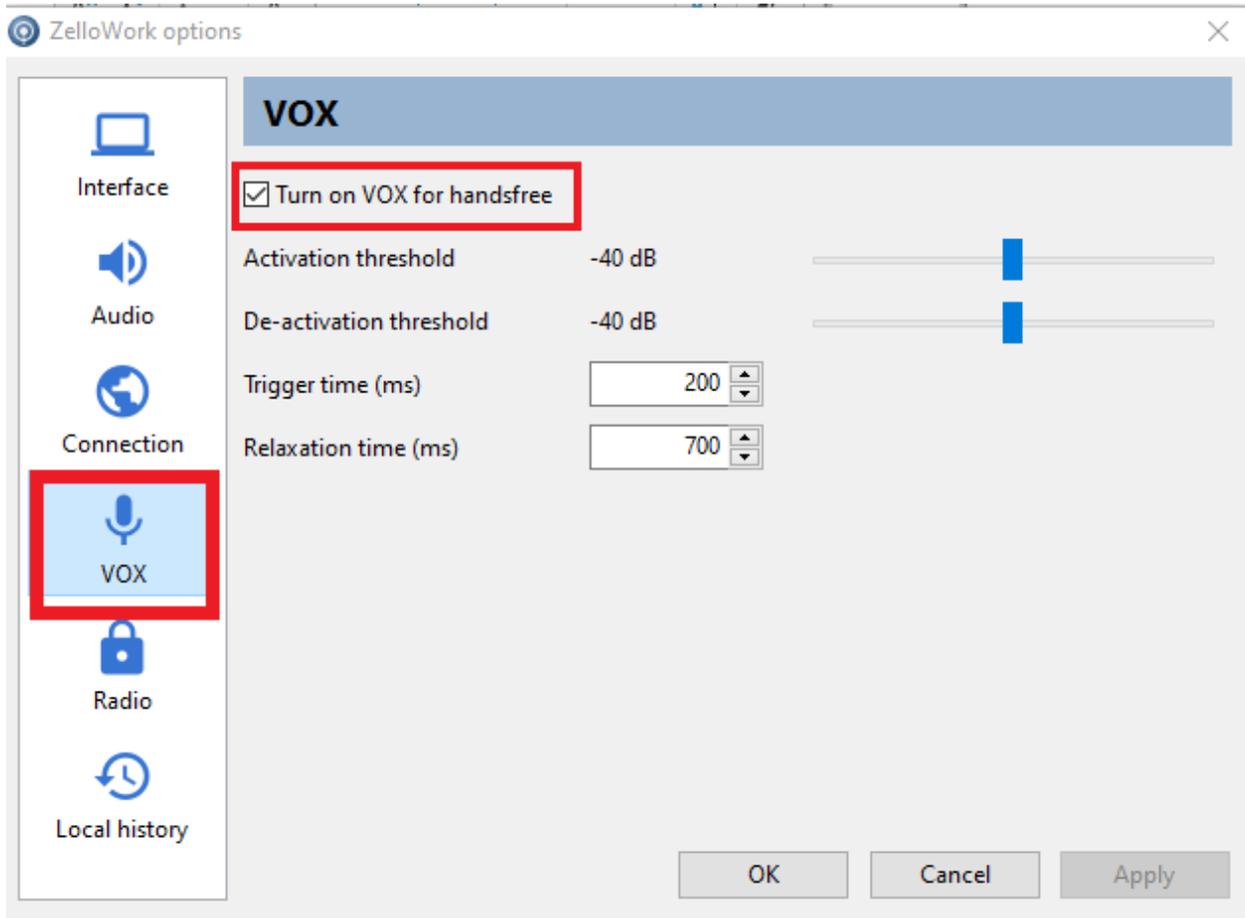
7. Deselect Microphone boost. If you have control slider, set it to 0. Audio levels can be adjusted later for the best audio quality.

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.

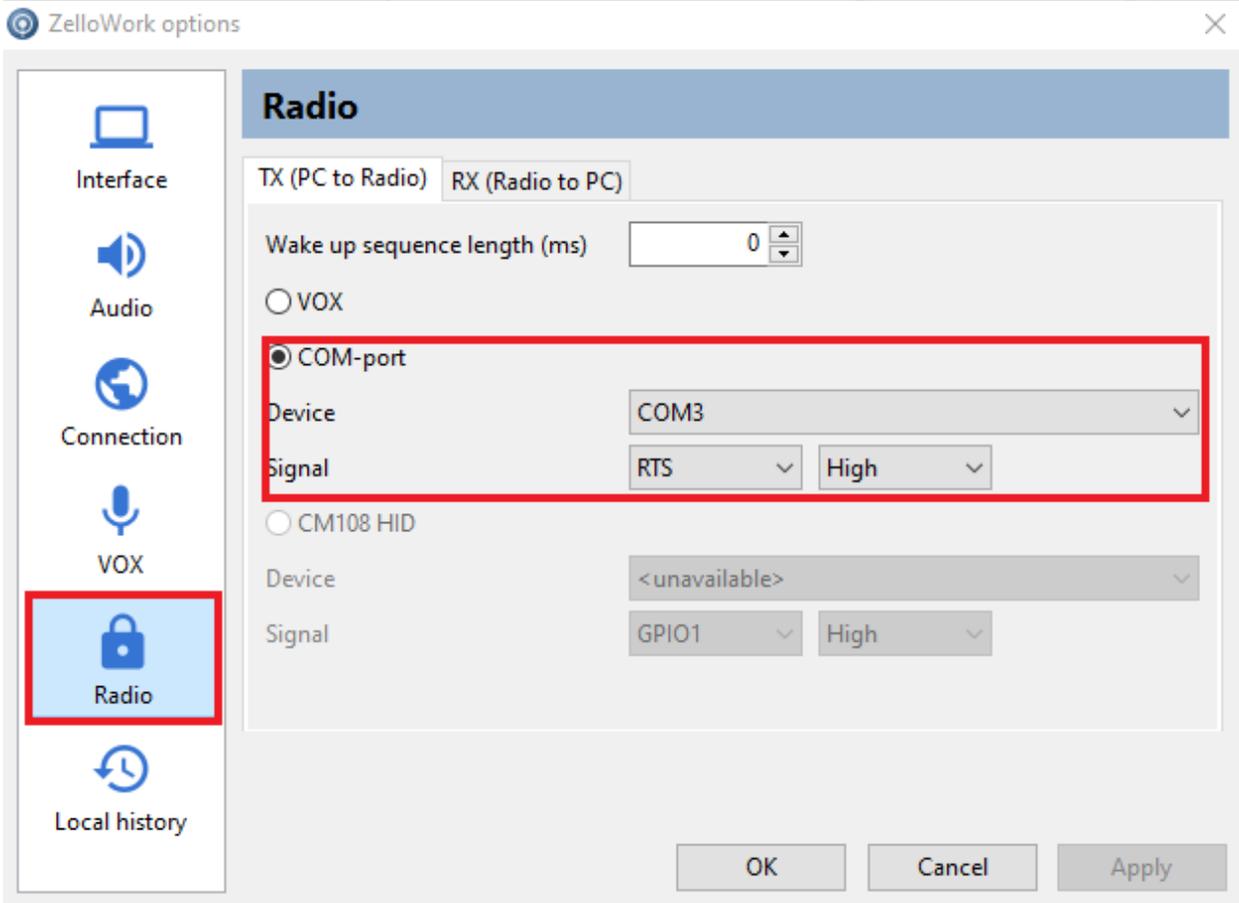
8. Select Noise suppression. Then click on Apply.



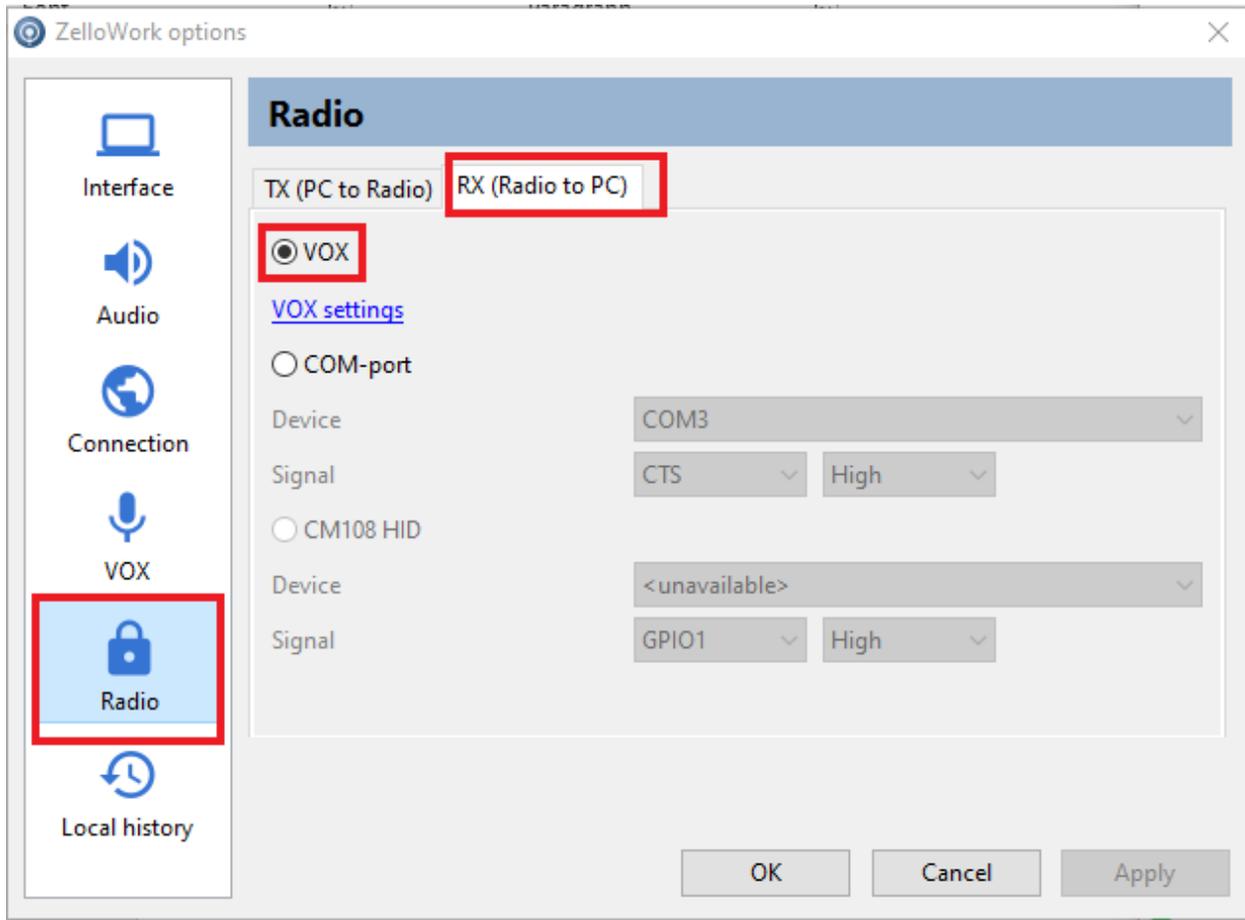
9. Select VOX on the left and then select Turn on VOX for handsfree. Then click Apply.



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.](#)