CTI Products

RadioPro™ Solo

Microphone Audio Configuration

RadioPro Solo Versions 8.3.6+ and Versions 9.3.12+

Contact Us

Support, replacement part ordering, and service may be arranged by contacting our Cincinnati office. Parts for service can be returned following request of a Return Material Authorization.

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Fonts used in this document:

Technical terms

Cross-references within this document

Hyperlinks to other documents or web pages

Warnings

Notes and important information

Software buttons, menus, menu options, folders, and pages

Software parameter values

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1. INTRODUCTION

RadioPro™ provides remote access to 2-way radios via IP Networks. This "Dispatch over IP" (DoIP) solution consists of PC-based software allowing voice and data communications between PC users and 2-way radio subscribers. Communications with radio subscribers is also possible for remote mobile users using Android or iOS devices. A RadioPro system consists of at least one RadioPro IP Gateway (server) and at least one client (Dispatch™, Solo™, or RadioPro Talk™ for mobile devices) with an IP network connecting the RadioPro components.

This document will focus on RadioPro Solo configuration instructions for USB PTT Microphones.

Please see the following for additional general information:

Additional Information:

RadioPro Solo Client Installation Guide
RadioPro Solo User Guide
RadioPro Solo Data Sheet

2. INSTALLATION

2.1 Install a Radio Solo Version with the Microphone Audio Configuration Feature

Version 8 Solo
1. Download and install RadioPro Solo Version 8.3.6+.
https://ctiproducts.com/SoftwareDownloads/RadioPro/v8/

Note: This step is only required for RadioPro Solo version prior to 8.3.22
2. Download and install the cumulative microphone patch (x86 Solo Versions 8.X - 9.3.3)
https://ctiproducts.com/SoftwareDownloads/RadioPro/v8/RadioPro Solo Version x86 Microphone Patch 2025_01_28.exe

Version 9 Solo
1. Download and install RadioPro Solo Version 9.3.12+.
https://ctiproducts.com/SoftwareDownloads/RadioPro/v9/

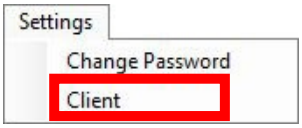
Note: This step is only required for RadioPro Solo version prior to 9.3.22
2. Download and install the cumulative microphone patch (x64 Solo Versions 9.3.11+)
https://ctiproducts.com/SoftwareDownloads/RadioPro/v9/RadioPro Solo Version x64 Microphone Patch 2025_01_27.exe

Note: Have your PTT microphone plugged in before proceeding to the next step.

3. RadioPro Solo Client Audio Configuration

SETTINGS Menu

1. Open RadioPro Solo as an ***Administrator***
2. Click on the Settings menu, and then click **Client** to display the **Client Settings** window.

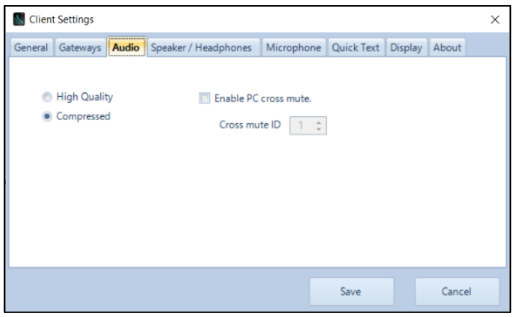


Client Settings Window

See "**Settings Menu**" on page 12, in the *RadioPro Solo Client Installation Guide* for features not covered in this document.

Audio tab

The Audio tab of this menu item allows the user to specify quality of the audio and PC cross mute.



For **Audio Quality**, select **High Quality** or **Compressed**. See the following table for a comparison of these two modes of audio transfer.

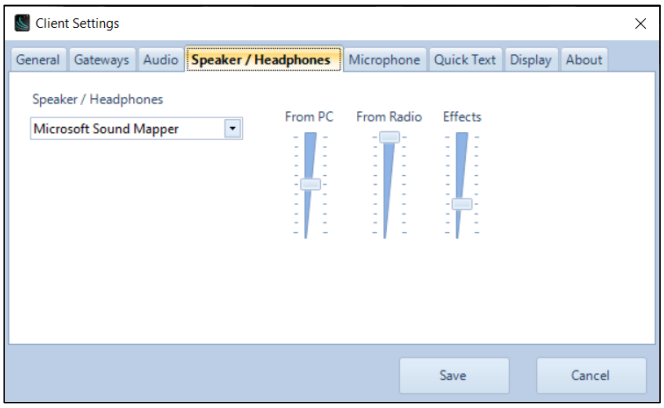
	High Quality	Compressed
Bandwidth per voice stream (one talk group)	22kBytes/sec	2.2kBytes/sec
Bandwidth for 10 voice streams (10 talk groups)	220kBytes/sec	22kBytes/sec
Best use	Highest quality audio between radios and RadioPro Clients	Most efficient use of IP network bandwidth

Enable PC Cross Mute is useful if there are multiple computers in the same room and the user does not wish to hear audio being played back on all of the computers. Adjacent PCs should have the same Cross Mute ID selected.

Speaker / Headphones tab

The Speaker / Headphones tab of this menu item allows the user to specify the Playback Device. Along with this setting, the user also has the option to determine how much of each signal (From PC, From Radio, and Effects) is played by adjusting the moving sliders up or down.

When selecting audio, the user can select the Microsoft Sound Mapper which will automatically use the device the PC has set as default.



Verify that the microphone settings for your device are correct.

Note: newer revisions of the ETC VM-1S Microphones will not have the correct default settings.

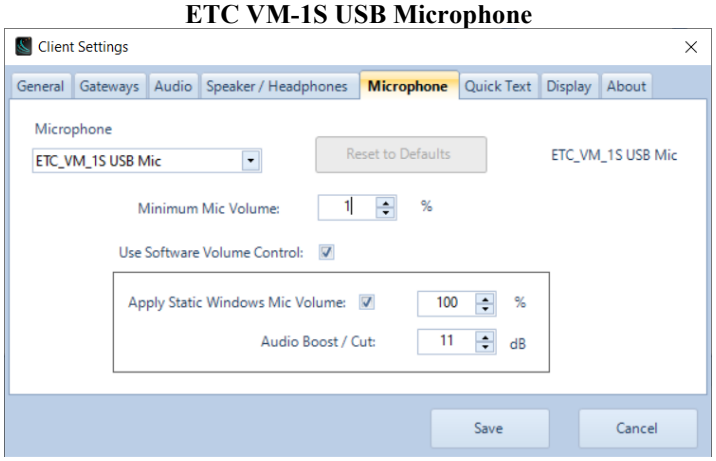
Microphone tab

Verify that the microphone settings for your device are correct.

WordSentry USB Microphone



ETC VM-1S USB Microphone



Buddy DesktopMic USB Microphone



Click the Save *button to save all Microphone Configuration settings.*