

MicroSIP

MicroSIP is a portable SIP softphone based on the PJSIP stack available for Microsoft Windows. It is an alternative SIP softphone for Windows devices.

Installation

1) Download the latest version of the client from the [MicroSIP website](#). At this writing, the current version is 3.20.3. There are two versions, as we do not yet support video, you can use the Lite version.

2) If you get an error message from Windows 10 Defender saying "Windows protected your PC," this can be safely ignored.

[image.png](#)

3) Click the underlined words saying More info and a second button will appear, saying Run anyway (see below). Click that button, and you can proceed with the installation normally.

[image.png](#)

4) Unless you have a reason otherwise, select English from the list and press OK.

[image.png](#)

5) Click Next when prompted, and I agree to skip the EULA.

[image.png](#)

[image.png](#)

6) If this will be the only SIP client you are using, you can leave the defaults. If you are using another SIP client that you would prefer to remain the default, **uncheck** the fourth box for Links association. By default, the program will install in your AppData folder, so it does not require administrative rights. Continue with the defaults until the program is installed.

[image.png](#)

[image.png](#)

[image.png](#)

[image.png](#)

7) Upon running for the first time, the program may request access through the firewall. Ensure you check Public networks, or you will not be able to make calls from locations outside of your office.

[image.png](#)

8) Now that the program is running, you can move on to the next step

Configuration

1) Now that the MicroSIP application is running, add your SIP server information to make calls.

[image.png](#)

2) Click on the downward-facing arrow in the top right corner, and a menu will appear. Click on **Add Account** to create your first account.

[image.png](#)

3) The below is only an example. You'll need to use the server name and credentials given to you by your administrator.

[image.png](#)

- **Account Name:** This is just a label, you can type in your extension number.
- **SIP Server, SIP Proxy, and Domain** are typically all the same. These will be provided by your administrator.
- **Username** and **Login**, are both the same. These will be provided by your administrator.
- **Password** will be based on your personal extension details. These will be provided by your administrator.

Please use copy/paste for all settings given by your administrator to avoid typos and configuration issues.

Additional Settings

The screenshot shows the 'Settings' window with the following configurations:

- Single Call Mode (checked)
- Ringtone: [Empty field]
- Ring Device: Default
- Speaker: Default
- Microphone: Default
- Microphone Amplification
- Software Level Adjustment
- Available Codecs: Opus 24 kHz, G.722 16 kHz, G.722.1 16 kHz, G.722.1 32 kHz, G.723 8 kHz, G.729 8 kHz, GSM 8 kHz
- Enabled Codecs: G.711 A-law, G.711 u-law
- VAD, EC, Opus 2ch, Force Codec for Incoming
- Source Port: 0, rport, RTP Ports: 0 - 0
- Nameserver: [Empty field], DNS SRV
- STUN Server: [Empty field]
- Call Recording: C:\Users\Administrator\Desktop\Recr\ [Empty field]
- MP3 WAV REC
- DTMF Method: Auto
- Auto Answer: Control Button
- Call Forwarding: No [Empty field] 0 sec
- Feature Codes: [Link]
- Deny Incoming: Control Button
- Directory of Users: [Empty field]
- Default List Action: Default
- Handle Media Buttons
- Sound Events
- Bring to Front on Incoming Call
- Random Popup Position
- Call Waiting
- Multi Monitor Support
- Headset Support
- Enable Log File
- Enable Local Account
- Send Crash Report
- Disable Messaging
- Handle IP changes
- Check for Updates: Weekly
- Run at System Startup
- Buttons: Save, Cancel

Ensure 'Single Call Mode' is Off

Set: Auto Answer -> SIP Header (This is important for CallCenter / Dialer Agents)

The screenshot shows the 'Settings' window with the following configurations:

- Single Call Mode (unchecked)
- Ringtone: [Empty field]
- Ring Device: Default
- Speaker: Default
- Microphone: Default
- Microphone Amplification
- Software Level Adjustment
- Available Codecs: Opus 24 kHz, G.722 16 kHz, G.722.1 16 kHz, G.722.1 32 kHz, G.723 8 kHz, G.729 8 kHz, GSM 8 kHz
- Enabled Codecs: G.711 A-law, G.711 u-law
- VAD, EC, Opus 2ch, Force Codec for Incoming
- Source Port: 0, rport, RTP Ports: 0 - 0
- Nameserver: [Empty field], DNS SRV
- STUN Server: [Empty field]
- Call Recording: C:\Users\Administrator\Desktop\Recr\ [Empty field]
- MP3 WAV REC
- DTMF Method: Auto
- Auto Answer: SIP Header
- Call Forwarding: No [Empty field] 0 sec
- Feature Codes: [Link]
- Deny Incoming: Control Button
- Directory of Users: [Empty field]
- Default List Action: Default
- Handle Media Buttons
- Sound Events
- Bring to Front on Incoming Call
- Random Popup Position
- Call Waiting
- Multi Monitor Support
- Headset Support
- Enable Log File
- Enable Local Account
- Send Crash Report
- Disable Messaging
- Handle IP changes
- Check for Updates: Weekly
- Run at System Startup
- Buttons: Save, Cancel

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