Recommended microphone to use with Microsoft Translator
How to set up Phonak Roger™ equipment with PowerPoint and student devices for classroom voice-to-text captions and transcripts

Background
The Roger SF Touchscreen Mic is an intuitive classroom microphone. It is simple to use and can be combined with one or more classroom microphones, Roger Digimaster X, and/or a Roger DigiMaster loudspeaker for the entire class.

The Roger Touchscreen Mic is a more powerful microphone option than Roger SF Touchscreen Mic; it is needed when there are students with hearing aids or cochlear implants in the classroom. This microphone provides Roger sound quality and speech understanding to listeners with personal Roger receivers as well as the DigiMaster X and DigiMaster loudspeaker.

Starting now, you can also use either of the above Roger Touchscreen Mic options with Microsoft Translator. Together, these solutions use voice-to-text to produce live, automated captions for your teaching session. Students can follow the lesson on their own mobile device or laptop, or watch the transcript on the classroom’s big screen. This enhances your students’ learning experience by providing automated voice-to-text notes and a “history” of what was said. It can even show transcripts to languages other than English or the teaching language. More than 60 languages are supported. This solution is particularly helpful for students with hearing loss.

Requirements
To capture the audio to generate live captioning, you will need the following hardware and software:

- Roger Touchscreen Mic, with 3.5mm cable (www.phonakpro.com or 1-800-777-7333)
- Roger DigiMaster X, with mono adapter (www.phonakpro.com or 1-800-777-7333)
- A laptop or desktop computer running Windows 8 or above.
- Presentation Translator for PowerPoint (Windows only). Presentation Translator can be downloaded from http://aka.ms/PresentationTranslator.
- 3.5mm Audio Y Splitter with three rings (optional)
- Internet in your classroom (WiFi is okay, but wired is preferred)
- Watch this three-minute video on how to use Presentation Translator: www.youtube.com/watch?v=6PmtL5i5C3A.
Setting up your DigiMaster X and Roger Touchscreen Mic

1. Plug the power cord and the mono adapter into the DigiMaster X; to turn on, press and hold the power button for 2 seconds.

2. Use the 3.5mm stereo chord to plug into the adapter on your DigiMaster X and connect to computer’s headphone jack. Use the Y audio cable of also connect classroom speaker system
3. The DigiMaster X will initially show a blue light when it is first turned on. This indicates that the DigiMaster X is functioning. The light will turn off after 2 seconds. The indicator light communicates many messages.

<table>
<thead>
<tr>
<th>Light Sequence</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid red</td>
<td>DigiMaster X is off</td>
</tr>
<tr>
<td>Solid blue</td>
<td>Standard operation mode</td>
</tr>
<tr>
<td>Blinking blue</td>
<td>Roger microphone is off or out of range</td>
</tr>
<tr>
<td>Solid green</td>
<td>Roger microphone is muted</td>
</tr>
<tr>
<td>Green to red</td>
<td>Volume is adjusting +/-</td>
</tr>
<tr>
<td>Blinking yellow</td>
<td>Software update</td>
</tr>
<tr>
<td>Blinking red</td>
<td>Contact your Roger technical support</td>
</tr>
</tbody>
</table>

4. Turn on your Roger Touchscreen Mic.

5. To connect the Roger Touchscreen to your DigiMaster X, hold the microphone within 2-4 inches of the DigiMaster or hearing instruments. Press Connect on the display.

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Starting up your PowerPoint

1. Start PowerPoint on your computer.
2. Go to the Slide Show tab in the ribbon.
3. Select Start Subtitles.
4. Enter your login information and other settings.
5. Pay particular attention to the microphone setting on your computer and ensure the proper input is selected. The computer’s microphone prompt will likely say something like External Mic. It is important that you do not select the microphone internal to your computer, since you will not be receiving audio from your Roger device.
6. An additional slide will be created in your PowerPoint, with the QR code and the URL of the conversation created for this presentation.
Using with apps and devices

1. Have your students join the conversation from their laptops, tablets or phones. (See below for how to join a conversation.)
   a. On laptops or tablets, students can go to the site http://translate.it, or the Windows Translator app (on Windows devices). **Note:** a large number of devices are supported for students to join, e.g., iPad, Surface, Kindle Fire, Chromebook, etc. On any of these devices, they can point their browser to the translate.it site.
   b. On their phones, students can join directly from the Microsoft Translator app by tapping the Conversation icon.
2. Transcripts will show on the screen in PowerPoint and will also show on the student’s device.

Diagnostics

Some computers will not recognize the DigiMaster X input as an input audio source. In these cases, we recommend the following:

1. Use a 3.5mm Audio Y Splitter with three rings (provided with your Roger Touchscreen Mic).

![Image of a 3.5mm Audio Y Splitter]

2. Plug the output of the DigiMaster X to the input audio source on the Y Splitter.
3. Plug the male end of the splitter into the computer.
4. Your computer should now recognize the DigiMaster X as an input source.

Additional Resources on Roger:

Additional literature for professionals on the Roger Dynamic SoundField system, including the data sheet, brochure and guide to using the DigiMaster X can be found at phonakpro.com