

PARAKEET™ TEXT-TO-SPEECH QUICK REFERENCE GUIDE

NOTE: To create a compatible text-to-speech audio file for your Parakeet you will need the following: computer with Internet access*, SD Card Reader (either built-in to the computer or as an external device (not provided)) and a SD Card (provided with Parakeet).

- 1. On your computer, open up your web browser and go to a text-to-speech program. PSS recommends using www.ttsmaker.com and following these instructions. **NOTE:** This section may use websites that are blocked on your workplace Internet. If you are experiencing a blocked site, please contact your IT administrator.
- 2. Type the pre-approved message into the text box. For example: "Sidewalk closed ahead. Use pedestrian crossing." **NOTE:** Do not use abbreviations or contractions. (Example: St. must be Street, Ave. must be Avenue, etc.)
- 3. Click on more settings. Scroll down to the Voice Volume section and click on it. Select 200% to increase the volume to an optimal level.
- 4. Enter the input verification code. Then press the convert to speech button.
- 5. Play the generated message to confirm its accurate. Click the "Download Voice File" button. **NOTE:** Download the file as an MP3 file (do not download directly as a WAV file). The conversion steps on the following page allows the user to change the MP3 settings and converts to a WAV file, allowing the Parakeet to use the file.

	TTSMAKER Free Text to Speech	S (© Pro Upgrade)	More Settings	3.
	Maximum characters 1000 remaining 985 available 🔿 Insert Paus	e 🗸 Language	☐ Try Listen Mode: saving character quota	
0		English	only converting the first 50 characters.	
∠.	Your text here.	Voices Instantia 140	Add Background Music BGM upload and management	
		Intermed 148 - Alayna-usUnited States Female	Current BGM: Please upload BGM first	
		O Example & Link Per Conversion: 1000 Characters	mp3	
		Unimized 788 - Alfle-us United States Male Voice (Stow + Unlimited)	opus av	
		EXample ¥ Linit Per Conversion: 1000 Characters	Standard Quality (small size, fast synthesis)	
		Captcha Code	S Voice Speed	
		9501	1.0x (Default) 👻	
			++ Voice Volume	
		≅ More Settin O Convert To Speech	200%	
5.	▶ 0:01/0:01		Pitch Adjustment (Can be used for voice changing effects)	
	This audio file will be automatically deleted within 30 minutes, please download it in time.	Try Listen Mode: saving character guota	Default (normal pitch) -	
	Click to share this audio online free for 30 days via short link. You have 100% audio file copyright and commercial rights, learn more.	only converting the first 50 characters.	Adjust the pause time of each paragraph (new line)	
	© History Ouwnload Voice File	Add Background Music BGM upload and management	Default (300ms)	

6. Once your file is downloaded, consider renaming the file to associate it with its purpose, such as using a project name.



*For non-internet options, contact PSS at 800-662-6338.



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- 7. On the same device, navigate to www.onlineaudioconverter. com. **NOTE:** This section may use websites that are blocked on your workplace Internet. If you are experiencing a blocked site, please contact your IT administrator.
- 8. Upload your properly formatted MP3 file (steps 1-6) by dragging and dropping it into the browser web page or by selecting "choose file" and locating it on your device. The upload should begin immediately.
- **9.** Once the file is uploaded, the file box will show the file's name. In the file format selection bar below the file upload box, select the WAV option to convert the file from an MP3 to a WAV file.
- **10.** In the bit scale bar below the file conversion box, select the default option for the quality of the file. In the Advanced Settings box, select Mono for the channels and click on the 44.1 kHz for the sample rate.
- **11.** Verify that your settings are as follows:



After confirming your selections, click the convert button. Once the file has been converted, click on the download button.

	Prakeet 7 Click here to	Fest Audio.mp3 eselect a different file	
MP3	WAV	A FLAC	OGG
Defaul B	16 bit	24 bit	32 bit
Default Ma Chai	Adva	t 24 kHz 32 kHz 44.1 kHz Sample Rate	96 kHz
	C	CONVERT	
11.	Download Si	dewalk Closed.wav	[X

12. Open the Parakeet and press inwardly on the SD Card on the side of the unit. Once the SD Card clicks, pinch the edge of the SD Card and pull it out.



- **13.** Insert the SD Card into your computer or SD card reader. Delete the existing file named "main_audio.wav" file on the SD Card.
- 14. Rename the new .WAV file to "main_audio.wav".
- **15.** Copy the new "main_audio.wav" file from your downloads folder to the SD Card. Eject the SD Card from your computer.

Name	Date modified	Туре	Size
battery_20.wav	12/20/2023 4:09 PM	WAV File	439 KB
 battery_critical.wav 	12/20/2023 4:09 PM	WAV File	328 KB
calibration_audio.wav	5/10/2023 11:42 AM	WAV File	404 KB
Iow_power_audio.wav	12/20/2023 4:09 PM	WAV File	282 KB
main_audio.wav	2/28/2024 3:14 PM	WAV File	2,159 KB
settings.conf	1/1/2020 12:00 AM	CONF File	1 KB

- **16.** Ensure that your Parakeet is powered off. Insert the SD Card. Press on the edge of the SD Card until it clicks in. Be sure to test the Parakeet outdoors before deployment to verify the programmed audio plays correctly.
- 17. Slide the power switch up into the on position. Your new message on your Parakeet is ready for use. You will need to start the calibration process once your Parakeet is in position. Once calibration is complete, your new message will play when the Parakeet is triggered.



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