

# Playing Sounds on your NXT

The NXT comes with a collection of existing sounds, and you can find more to download (just use google).

The sound files should be a .rso file.  
If the file is not a .rso then you will need to convert it.

To do this conversion, you can use the [WAV2RSO program from BrickxCC](#) to convert between WAV and RSO formats (and back again).

You can also listen to RSO files on your computer, using [rsoplay from Brickley Roscowicz Engineering](#).

For those of you would like to let your LEGO-NXT speak, you can visit this page: <http://www.research.att.com/~ttsweb/tts/demo.php>

You can first choose a voice from dropdown box, and type the text in the textbox, then the program will convert your text into a WAV file and you can use the WAV2RSO converter to get a RSO file.

Once the file is in the correct format you can import it into the software.

To import the .rso file into the LME software:

- Open C:\Program Files
- Click LEGO Software
- Click LEGO MINDSTORMS Edu NXT
- Click engine
- Click Sounds

You should find your sound on the drop down menu.

Unfortunately with only approx 70 to 120kb of memory space, you have to be very careful with file sizes.

For more information on converting WAV files to RSO (file size and sound quality are important), check out The NXT STEP forum. Here is the link to the [General Forums](#). There are a couple of topics already about playing sounds and MP3's on your NXT.