

# M O R S E N U X

## Morse Code Translator for Linux

Official Project Page:

<https://github.com/HasanKaraahmet/morsenux>

MORSENUX does not use the buzzer embedded in the computer's motherboard. It uses the speaker(s) themselves using sox. In order to work with MORSENUX, your computer must have speakers (or headphones) and the program sox installed. You can install sox by following the instructions below. This is by design, so that you can plug in the output from your computer into the input of your radio transceiver and transmit Morse Code directly from your computer.

### INSTRUCTIONS

1. MORSENUX requires sox to output sound to your computer's speakers. If you don't already have sox installed on your Linux distro, please do so with the following command.  
**sudo apt install sox**
2. Download the latest version of MORSENUX from Github:  
**<https://github.com/HasanKaraahmet/morsenux>**  
The only file to download is simply called:  
**morsenux**
3. Open up your terminal and go to the folder where you downloaded **morsenux**. For example:  
**cd /home/username/Downloads/**
4. Grant morsenux executable privileges.  
**sudo chmod +750 morsenux**
5. Run morsenux like a program.  
**./morsenux**

That's it! MORSENUX will turn everything you type into an audible Morse Code tone.

### DEVELOPMENT

MORSENUX was written in shell as a light-weight script to generate Morse Code. It is 100% free and open source. You can use, distribute and modify MORSENUX as you want. If you would like to contribute to the project, please email the author, Hasan Karaahmet, at [karaahmet@live.com](mailto:karaahmet@live.com) or turn on your HAM radio and find him in the airwaves. Hasan holds a Turkish Class-A amateur radio permit with the assigned callsign TA1HYK and is often available for DXing on the weekends around 2200 UTC.

MORSENUX is intended to have the following additional features in the near future:

- Read and translate text directly from a file
- Listen to incoming Morse Code and output clear text
- Check an outside server to display atmospheric/band conditions at startup

**Thanks & enjoy!**