

Figure 1: Symbol sequences.

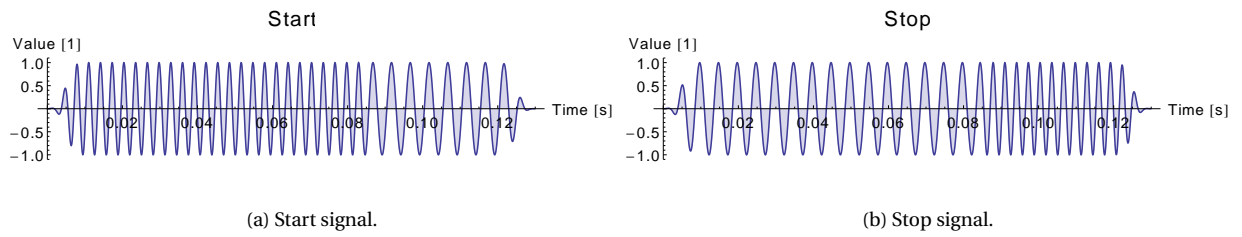


Figure 2: Signal waveforms.

The audio signals are based on a classical Audio Frequency Shift Keying (*AFSK*) where the symbols are filtered gaussian. The used frequencies are 200Hz for space and 320Hz for mark. The symbol sequences are shown in 1 and the modulated signals are shown in 2. These sequences are repeated for four times to increase the chance of recognition.