

UW Phonetics Lab – Department of Linguistics

Audiometer How To

POWER

To power on, ensure headphones are plugged in and press the tone switch button; to power off, simultaneously press the hearing level and frequency knobs.

The audiometer can also be set to power off if left unused for a preset length of time (1-5 minutes, this can be changed in the settings menu under 'Power Off').

Note that the audiometer WILL NOT turn on if headphones are not plugged in.

The icon in the top right corner indicates current power source (battery or AC), and battery life when appropriate.

MAIN FUNCTIONS

F1 – send tone to right ear

F2 – send tone to left ear

F3 – toggles manual/pulse

Manual (Pulse off) – tone sounds as long as tone switch button is pressed

Pulse – tone sounds for a preset duration (either 250 or 500 ms, this can be changed in the settings menu under 'Pulse Length') while the tone switch button is pressed. Note that the tone switch button must be held down for the duration of the pulse, and that continuing to hold will cause the pulse to repeat. The icon in the top left corner indicates when a tone is being produced, and this can be used to as a guide for when to release the tone switch button.

F4 – toggles pure/warble

Pure (Warble off) – produces a single frequency tone

Warble – produces a variable frequency tone

Hearing Level knob – sets intensity from -10dB to 100dB (changes by either 1dB or 5dB steps, this can be changed in the settings menu under 'Intensity Steps'; default at power on can be changed under 'Default Intensity')

Frequency knob – sets frequency from 125 Hz to 8000 Hz (which frequencies are included as possible settings can be changed in the settings menu under 'Frequencies...')

SETTINGS MENU

To enter the settings menu, simultaneously press F1 and F4.

To navigate, use F2 to scroll up and F3 to scroll down.

To change a setting/cycle through settings, press F1.

To use selected settings and exit menu, press F4

NOTE: Do not mess with the "Power Up Tone" setting! It should always be left as "Manual". Setting it to "reverse" means that a tone is ALWAYS CONSTANTLY PLAYING except when you hold down the tone switch button.