

For **HIGH IMPEDANCE (HIGH Z)** (i.e., $\gg 50\ \Omega$) loads:

BEFORE setting output **amplitude** and **offset**, complete the following steps.

1. Press **Shift** and then **Enter** in order to bring up the **MENU**.
 - The display should show **A: MOD MENU**.
 - Pressing **<** and **>** moves from one menu to the next (i.e., *within* a single level).
 - Pressing **^** and **v** moves *into* and *out of* each menu (i.e., to *another* level).
 2. Press **>** **three times** to get to the **D: SYS MENU**.
 3. Press **v** **twice** to set the **1: OUT TERM** (i.e., output termination impedance).
 4. Press **>** to change **50 OHM** to **HIGH Z**.
 5. Press **Enter** to commit the changes.
- * **ALWAYS** check *loaded* signal shape with an **oscilloscope**. Tune as necessary.
- In most cases, a calibrated $\times 10$ probe should be attached to the oscilloscope.

Otherwise, the output magnitude will be *twice* what you expect.

These steps are required for all ECE 209 labs.

To input NUMBERS:

There are **two ways** to input numbers into the waveform generator.

(i) Use the **knob**.

1. Use **<** and **>** to scroll to different positions.
2. Turn the **knob** to change the number at that position.

(ii) Use the **keys**.

1. Press the **green** **Enter Number**.
2. Press the buttons corresponding to the **green** numbers that you want.
3. Press **Enter** when finished.
 - Alternatively, press the **green** button corresponding to the unit you want (e.g., **Vpp**, **kHz**, etc.).