To select the output termination

The function generator has a fixed output impedance of 50 ohms on the *OUTPUT* terminal. You can specify whether **you** are terminating the output into a 50Ω load or an open circuit. Incorrect impedance matching between the source and load will result in an output amplitude or dc offset which does not match the specified value.

Shift
Menu On/Off

1 Turn on the menu.

```
A: MOD MENU
```

> > >

2 Move across to the SYS MENU choice on this level. [1]

```
D: SYS MENU
```

v

3 Move down a level to the OUT TERM command.

```
1: OUT TERM
```

v >

4 Move down a level and then across to the HIGH Z choice. [1]

With the output termination set to "HIGH Z", the function generator allows you to set the unloaded (open circuit) output voltage.

```
HIGH Z
```

Enter

5 Save the change and turn off the menu.

The function generator beeps and displays a message to show that the change is now in effect. You are then exited from the menu.

[1] *You can also use the knob to scroll left or right through the choices on each level of the menu.*

- For *arbitrary waveforms*, the **Offset** annunciator will turn on if the waveform data has an inherent offset present (if the average is not equal to zero). The function generator calculates the average of the data points and compares the average to zero volts. If the average is not within two DAC (Digital-to-Analog Converter) counts of zero volts, the **Offset** annunciator turns on.
- *Front-Panel Operation*: To set the dc offset, press Offset . Then use the knob, arrow keys, or "Enter Number" mode to set the offset.
- *Remote Interface Operation*:

  ```
  VOLTage:OFFSet {<offset>|MINimum|MAXimum}
  ```

  You can also use the APPLy command to select the function, frequency, amplitude, and offset with a single command.