

## **Programmatically selecting a built-in arbitrary waveform with an SDG** **February 15, 2019**

The SDG series of arbitrary waveform generators have a number of built-in arbitrary waveforms including health-related waveforms like cardiac and math waveforms like sinc.

To read the available waveforms, you can send the following string:

```
STL?
```

This will return a list similar to the following (the exact return data depends on the instrument model and firmware revision):

```
STL\sM10,\sExpFal,\sM100,\sECG14,\sM101,\sE
```

The list is comprised of a waveform index and a name.

For example, if you wish to recall the ExpFal waveform send:

```
C2:ARWV INDEX 10
```

Where C2 = Channel 2

NOTE: The "M" in the index return string is dropped when sending the ARWV command string.



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