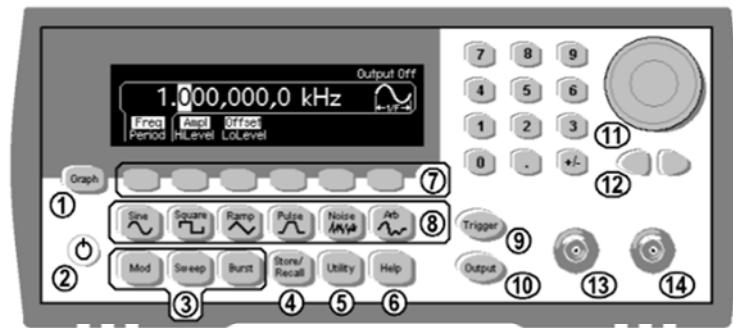


Setting up the Agilent 33210A Function Generator For TTL Circuits

To obtain a TTL 0-5V signal from an Agilent 33210A Function Generator



- | | |
|-------------------------------|---|
| 1 Graph Mode/Local Key | 9 Manual Trigger Key (<i>used for Sweep and Burst only</i>) |
| 2 On/Off Switch | 10 Output Enable/Disable Key |
| 3 Modulation/Sweep/Burst Keys | 11 Knob |
| 4 State Storage Menu Key | 12 Cursor Keys |
| 5 Utility Menu Key | 13 Sync Connector |
| 6 Help Menu Key | 14 Output Connector |
| 7 Menu Operation Softkeys | |
| 8 Waveform Selection Keys | |

From power up

Utility Key | output setup (Softkey) | change 'Load' to High z (Softkey) | hit Done (Softkey)

Hit 'square' button

- hiLevel (hit softkey until highlighted) | 5.0 V
- loLevel (hit softkey until highlighted) | 0 Vdc

CHECK WITH OSCOPE

To turn on signal press output key until illuminated

If you turn off the function generator's power, you will have to repeat this setup! Use the 'Output' key to turn on/off the output instead.

Do not power off protoboard with signal generator on (you could damage the IC's in the circuit).