



SC-17

ORDERCODE D1517

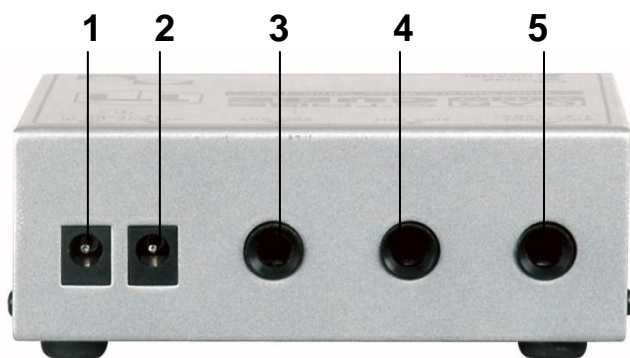


SHOWELECTRONICS FOR PROFESSIONALS

SC-17 Sine / Square Wave Generator



The SC-17 is designed as a Sine / Square Wave Generator.



- 1) DC IN
- 2) DC Loop 12-16VDC
- 3) SQR Out
- 4) Sine Out
- 5) VCO Input 1-2-5 VDC

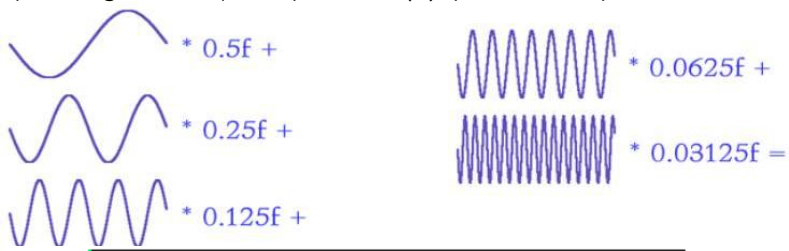
- 6) DC Connector
- 7) Output Pad
- 8) Frequency
- 9) Sine Level
- 10) SQR Level

Connect DC IN (1) with the supplied connector (6) and connect the device to the main power. DC LOOP (2) is used as an auxiliary DC output for feeding to another device. You can use the Output Pad Button (7) to choose the maximum level of dB added. Button pressed down is -10dB. Button not pressed is 0dB (normal).

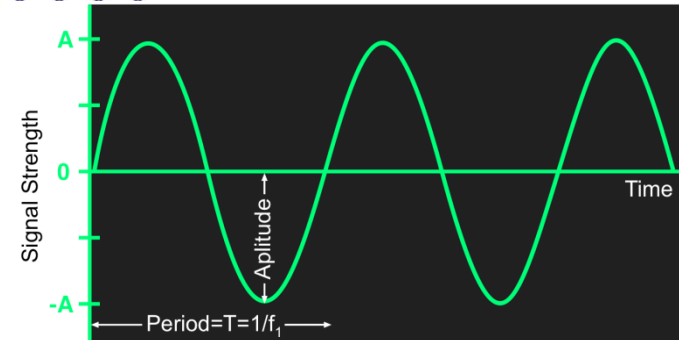


When the Output button (7) is pressed down you can use the Sine/SQR Level (9/10) to vary from $-\infty$ to -2 dB. When the Output button (7) is not pressed down you can use the Sine/SQR Level (9/10) to vary from $-\infty$ to +8 dB.

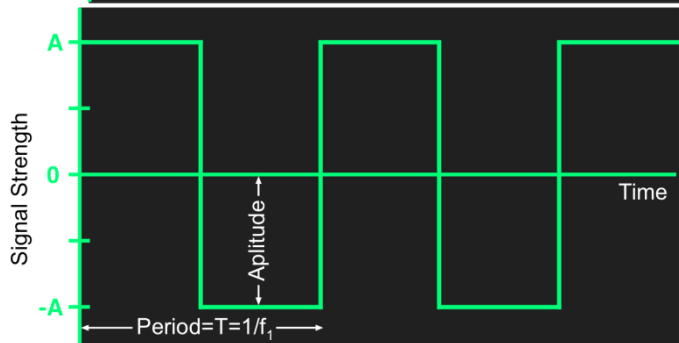
By turning the Frequency control (8), you can vary from 20Hz - 20 KHz



f = Frequency
You can change the frequency of a Sine / Square Wave.

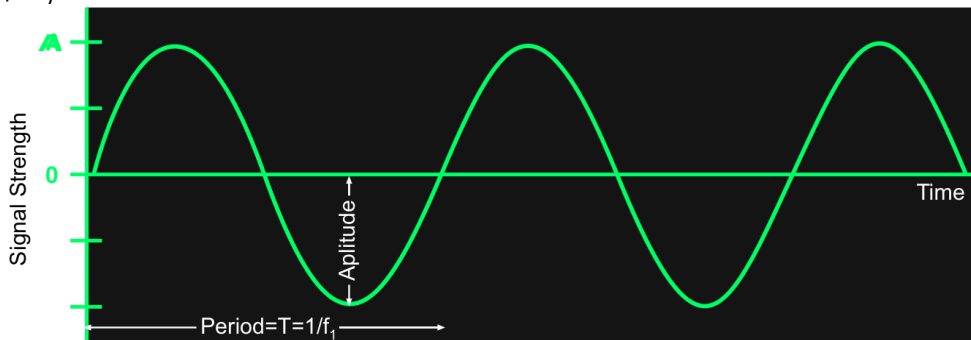


Sine Wave

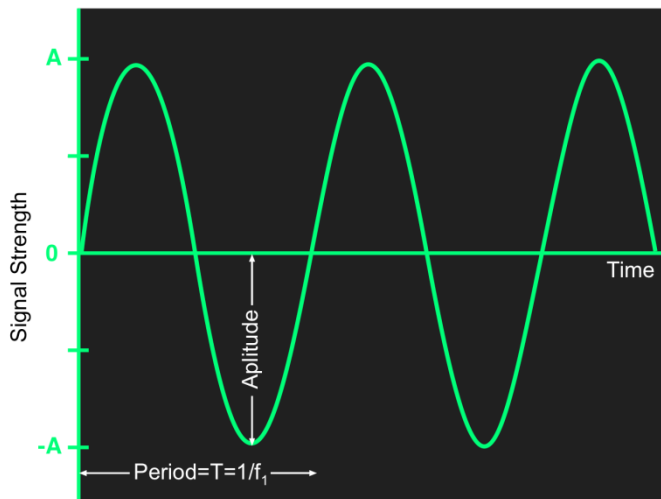


Square Wave

You can change the Cycle/Period ($\leftarrow \rightarrow$) of the Sine/Square Wave by turning the Sine/SQR Level (9/10).



You can change the Amplitude (↓ ↑) of the Sine/Square Wave by turning the Frequency control **(8)**



The VCO Input **(5)** allows you to control the frequency remotely by means of a DC voltage.

Input voltage of 1,2V = 20 Hz

Input voltage of 5V = 20 KHZ

Note: DO NOT apply an Input voltage > 5V



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