

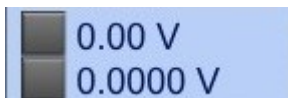
# CV Meter

Version 2022-04-17



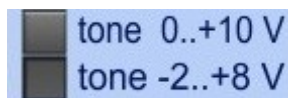
Slim triple digital DC volt meter. Displays control voltage value or tone, that is represented by CV value.

## Function



### - volt mode

CV Meter shows actual voltage at *CV IN*. You can chose 2 or 4 decimals.



### - tone mode

Name of half tone step as well as actual octave will be displayed. Additionally LCD shows difference between actual tone and quantized tone in **cents** (“c”).



One cent = 1/100 halftone = 1/1200 volt. Quantized tone:  
 $cv = n \times 1/12$  volt.

- **tone mode 0..+10 V**: pitch range for hardware synth modules

- **tone mode -2..+8 V**: pitch range for **Voltage Modular**  
 If pitch voltage exceeds these ranges, "cv<min" or "cv>max" will be displayed.

At every cv off on change (cv exceeds 2.5 v) LED gives a short flash.

Example:

input	mode tone -2..+8 V display	mode tone 0..+10 V display
-2.0000 V	C 0 +0ct	cv<min
:		
0.0000 V	C 2 +0ct	C 0 +0ct
0.0142 V	C 2 +5ct	C 0 +5ct
0.0830 V	C 2 +9ct	C 0 +9ct
0.0834 V	C#2 +0ct	C#0 +0ct
:		
0.9167 V	B 2 +0ct	B 0 +0ct
1.0000 V	C 3 +0ct	C 1 +0ct
:		
5.0000 V	C 7 +0ct	C 5 +0ct
5.0834 V	C#7 +0ct	C#5 +0ct
:		
10.0000 V	cv>max	C 9 +0ct



Any continuous voltage within limits.  
 (-100 v < cv < +1000 v)  
 LED indicates OFF ON change.