



When initially plugged in, or after a power outage long enough to completely drain the backup capacitor, the clock will flash “2” until the time has been set. (It may take a few minutes before the Nixie initially lights, please be patient while the backup capacitor is charging.) The clock has several minutes of reserve power, so a brief outage or moving the clock to a different outlet is not a problem.

Inserting one of the supplied keys and twisting it to the right enters setting mode, starting with the hours. Additional twists of the key step through the settable values in the table below. The display will alternate between a label (composed of two overlapped digits) and a 1-3 digit value. The switch below the keyhole will increase (right) or decrease (left) the displayed value. If the switch is held in either direction, or the key held while twisted, it will auto-repeat at a rate of twice per second.

LABEL	DESCRIPTION		RANGE		
0	Hours	Always entered in 24 hour format - add 12 to hours after noon	0-23		
2	Minutes	Changing the minutes will reset the seconds to zero	0-59		
3	Month		1-12	Settings from Month on down are non-volatile	
4	Day		1-31		
5	Century		20-99		
6	Year		0-99	ORIG. VALUE	YOUR VALUE
2	Normal display mode	Add together any of the following values: 1 - hours & minutes 2 - seconds 4 - month & day 8 - year 16 - test/demo mode	0-16	3	
3	Display mode when switch pushed to right		0-16	8	
4	Display mode when switch pushed to left		0-16	4	
5	Display options	Add together any of the following values: 1 - 24 hour time format 2 - day before month 4 - year before date	0-7	0	
3	Duration of digits	Units are 1/120 second	25-240	55	
4	Gap between digits	Units are 1/120 second	0-60	5	

Twisting the key one more time will exit setting mode.
The clock will also exit setting mode automatically after several minutes of inactivity.

This is the label on the bottom of the clock:

0 Hours	Nixie Clock type 1b #5 http://pobox.com/~JasonHarper/Nixie1b.html	
0 Minutes		
0 Month		
0 Day	Key - Step thru options Left - Lower Right - Raise	
0 Century		
0 Year		
1 Normal	1 hours & mins 2 seconds	
3 Right	4 month & day 8 year	
4 Left	16 test/demo	
5 Options	1 24 hour time 2 day < month 4 year < date	
2 Digit time		
2 Gap time		