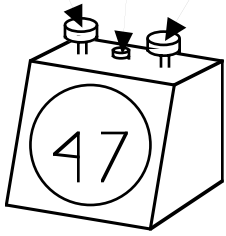


DOWN SET UP



When initially plugged in, or after a power outage long enough to completely drain the backup capacitor, the clock will flash "12" until the time has been set. The clock has several minutes of reserve power, so a brief outage or moving the clock to a different outlet is not a problem.

Press the SET (center) button firmly using a pen or screwdriver tip to enter setting mode, starting with the hours. Additional presses of the SET button will step through the settable values in the table below. The value currently being set is indicated by a label (composed of two overlapped digits) on the left Nixie tube. 1-digit values are displayed on the right tube. 2-digit values are displayed on both tubes, alternating with the label. 3-digit values show the first digit at the same time as the label, followed by the other two digits. Pressing the large buttons on the top of the clock will increase (right) or decrease (left) the displayed value. Pressing both at the same time increases the value by 20. All three buttons auto-repeat at a rate of twice per second if held down.

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 right button pressed		0-16	8	
4	Display mode when left button pressed		0-16	4	
5	Display options	Add together any of: 1 - 24 hour time format 2 - day before month 4 - year before date 8 - lead zero blanking	0-15	8	
3	Duration of digits	Units are 1/120 second	25-240	85	
4	Gap between digits	Units are 1/120 second	0-60	5	

▲ Pressing the SET button 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 back of the clock:

Nixie Clock type 2a #1 http://pobox.com/~JasonHarper/Nixie2a.html JasonHarper@pobox.com 120V 60Hz ONLY Fuse: 1/4 A

This is the label on the
bottom of the clock:

	TIME SETTING SUMMARY
0 Hours	Left - Lower Right - Raise Both - Add 20
0 Minutes	
0 Month	
0 Day	
0 Century	
0 Year	
2 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
3 Digit time	4 year < date
4 Gap time	8 leading zero blinking