



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. If the clock is in a location that’s difficult to reach, you may want to temporarily put it on an extension cord while setting it.

Touching a magnet here enters setting mode, starting with the hours. Additional touches with the magnet 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 on top of the clock will increase (right) or decrease (left) the displayed value. If the switch is held in either direction, or the magnet held in place, 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 | |

Touching the magnet to the set switch one more time will exit setting mode. The clock will also exit setting mode automatically after several minutes of inactivity.