

MM1a Setting

Turn the key to step through the settable options listed below.
Use the pushbuttons to increase or decrease the value.

LABEL	DESCRIPTION	RANGE	METER SHOWS		
①	Meter zero (use screwdriver to adjust)	none	0		
②	Meter full scale adjust	0-254	15		
③	Hours (always set in 24 hour format)	0-23	hours/2		
④	Minutes (changing will zero the seconds)	0-59	mins/4		
⑤	Month	1-12	month	Settings from Month on down are non-volatile.	
⑥	Day	1-31	day/2		
⑦	Century	20-99	day of week		
⑧	Year	0-99	day of week	ORIG. VALUE	YOUR VALUE
⑨	Norm mode	Add together any of: 1: hours 2: minutes 4: seconds 8: month 16: day 32: year 64: test mode	setting 26	3	
⑩	Right mode		setting 27	24	
⑪	Left mode		setting 28	32	
⑫	Norm meter	Choose one of: (fixed pos) 0: left, 1: right (hours) 2: 12hr, 3: 24hr / 2 4: minutes / 4 5: seconds / 4 6: month 7: day / 2 8: day of week x 2.5	selected setting	5	
⑬	Right meter		selected setting	8	
⑭	Left meter		selected setting	1	
⑮	Options	Add together any of: 1: single digit mode 2: 24 hour time display 4: day before month 8: year before date	0	1	
⑯	Duration of digits (x 1/120 second)	25-240	0	55	
⑰	Gap between digits (x 1/120 second)	0-60	0	5	

An additional turn of the key, or several minutes of inactivity, will exit setting mode.

Additional notes on setting and use:

- Pressing both buttons at the same time in setting mode advances the value by 20.
- If the buttons are held down, or the key is held in its twisted position, their functions auto-repeat at a rate of twice per second.
- “Norm mode” (setting 23) specifies what information the Nixie tube will normally display, and “Norm meter” (setting 26) specifies what the meter shows. Pressing the right button will temporarily replace these with the information specified by “Right mode” (24) and “Right meter” (27). Likewise, the left button temporarily displays “Left mode” (25) and “Left meter” (28).
- “Single digit mode” (part of setting 29) applies whenever the Nixie tube is configured to display a single number (just the hours, for example), and that number is in the range 0 thru 9. Normally, the display would cycle through the sequence (zero, digit, blank) in this case, for consistency with 2-digit numbers. With single digit mode enabled, however, the digit will instead be displayed continuously. The selected digit and gap durations (settings 34 and 35) do not apply in this case.

This is a copy of the label on the bottom of the clock:

Nixie/Meter Clock
type 11a #1
<http://nixietube.info/NM11a.html>
- or -
pobox.com/~jasonharper/NM11a.html
JasonHarper@pobox.com