

- **1: 12/24**
  - o 12 (default)
  - o 24
- **2: Leading zero blanking**
  - o 0: Disable (default)
  - o 1: Enable
- **3: Digit Crossfading**
  - o 0: No crossfading (default)
  - o 1: Crossfading.
- **4: Digit Crossfading duration**
  - o 0-10, 0=fast fade, 10=slow fade (default 3)
- **5: Blinking Colons**
  - o 0: Colons always off.
  - o 1: Colons always on.
  - o 2: Blink at S Hz (default).
  - o 3: Blink at 1 Hz.
  - o 4: Wink (25% duty) at S Hz.
  - o 5: Wink (25% duty) at 1 Hz.
  - o 6: Wink (75% duty) at S Hz.
  - o 7: Wink (75% duty) at 1 Hz.
  - o 8: AM/PM indicator, AM=colons on
  - o 9: AM/PM indicator, PM=colons on
- **6: Blinking Colons during date display**
  - o 0: As specified by #5. (default).
  - o 1: Always off
  - o 2: Always on
- **7: Date Format**
  - o 1: Month | Day | Year (default).
  - o 2: Year | Month | Day.
  - o 3: Day | Month | Year.
- **8: Date display, every x seconds.**
  - o 0-60 seconds (0 disable, default).
- **9: Date display, duration in seconds.**
  - o 1-10 seconds (2 default).
- **10: Digit Cycling**
  - o 0: No cycling takes place (default).
  - o 1: 0-9 cycle at Midnight.
  - o 2: 0-9 cycle at the top of every hour.
  - o 3: Slots, every minute, random cycling
  - o 4: Slots, every minute, incremental cycling
  - o 5: Slots, every minute, wave cycling
  - o 6: Slots, every minute, peek-aboo
- **11: Slot stop**
  - o 1: Left to right (default)
  - o 2: Right to left
  - o 3: All at once
  - o 4: Random
- **12: Slot speed**
  - o 0-104: 0 slowest, 100 fastest (default 97)
  - o 101: Start fast, slow down (w/blur)
  - o 102: Start fast, slow down (no blur)
  - o 103: Start slow, go faster (w/blur)
  - o 104: Start slow, go faster (no blur)
- **13 : Default brightness**
  - o 10-100 (in percent, default 100%)
- **14: Scrolling display**
  - o 0: Disable (default)
  - o 1: Enable (HHMMSS)
  - o 2: Enable (HHMM)
  - o 3: Enable date display only
- **15: Scrolling Speed**
  - o 1-30: 1 slow... 30 fast (default 22)
- **16 : Cathode Poisoning Prevention:**
  - o 0: Disable (default).
  - o 1: Enable.
  - o 2: Enable (override brightness setting, run at full brightness).
  - o 3: Enable (override brightness setting, run at 50% brightness).
- **17: Cathode Poisoning Prevention start hour:**
  - o 0-23 (default 3)
- **18 : Cathode Poisoning Prevention, duration hours:**
  - o 1-24 (default 1)
- **19: Current day of week:**
  - o 1-7: 1=Sunday...7=Saturday
- **20 : Timed Dim 1, Brightness**
  - o 0-100 (in percent, default 50%)
- **21: Timed Dim 1, start day**
  - o 0-7: default 0 (all days), 1=Sunday...7=Saturday
- **22: Timed Dim 1, duration in days**
  - o 1-7 (default 7), no effect if start day is 0
- **23 : Timed Dim 1, start hour:**
  - o 0-23 (default 0)
- **24 : Timed Dim 1, Duration in hours:**
  - o 0-24 (default 0)
- **25 : Timed Dim 2, Brightness**
  - o 0-100 (in percent, default 50%)
- **26: Timed Dim 2, start day**
  - o 0-7: default 0 (all days), 1=Sunday...7=Saturday
- **27: Timed Dim 2, duration in days**
  - o 1-7 (default 7), no effect if start day is 0
- **28 : Timed Dim 2, start hour:**
  - o 0-23 (default 0)
- **29 : Timed Dim 2, Duration in hours:**
  - o 0-24 (default 0)
- **30 : Timed Dim 3, Brightness**
  - o 0-100 (in percent, default 50%)
- **31: Timed Dim 3, start day**
  - o 0-7: default 0 (all days), 1=Sunday...7=Saturday
- **32: Timed Dim 3, duration in days**
  - o 1-7 (default 7), no effect if start day is 0
- **33 : Timed Dim 3, start hour:**
  - o 0-23 (default 0)
- **34 : Timed Dim 3, Duration in hours:**
  - o 0-24 (default 0)
- **35 : Timed Dim 4, Brightness**
  - o 0-100 (in percent, default 50%)
- **36: Timed Dim 4, start day**
  - o 0-7: default 0 (all days), 1=Sunday...7=Saturday
- **37: Timed Dim 4, duration in days**
  - o 1-7 (default 7), no effect if start day is 0
- **38 : Timed Dim 4, start hour:**
  - o 0-23 (default 0)
- **39 : Timed Dim 4, Duration in hours:**
  - o 0-24 (default 0)
- **40: Daylight Saving Time:**
  - o 0: Disable (default).
  - o 1: Enable.
- **41: Daylight Saving Time Status:**
  - o 0: Winter time, Daylight Saving not in effect.
  - o 1: Summer time, Daylight Saving in effect.
- **42: Spring ahead hour:**
  - o 0-23 (default 2).
- **43: Spring ahead day:**
  - o 1-31 (default 1).
- **44: Spring ahead week:**
  - o 0-5 (default 1).
- **45: Spring ahead month:**
  - o 1-12 (default 4).
- **46: Fall back hour:**
  - o 0-23 (default 2).
- **47: Fall back day:**
  - o 1-31 (default 1).
- **48: Fall back week:**
  - o 0-5 (default 5).
- **49: Fall back month:**
  - o 1-12 (default 10).
- **50 : Software Time correction**
  - o -99.99 to +99.99 (default -2.57)
- **51: PWM frequency adjustment**
  - o 3-20 (default 9)
  - o 3=high refresh, ~1400 Hz
  - o 9=medium, ~600 Hz
  - o 20=slow, ~300 Hz
- **52: Digit Swap**
  - o 0: Disable (Default)
  - o 1: Enable
- **53: Digit Blanking Method**
  - o 1: BCD all high, BLANK high
  - o 2: BCD all high, BLANK low (default)
  - o 3: BCD all low, BLANK high
  - o 4: BCD all low, BLANK low