



GPS MASTER CLOCK



Digital Master Clock
Model No. – BTM 1113
Make - Bethel

Our wireless synchronized master clock system operates on a very basic concept. The Master clock acquires the time and then transmits it wirelessly to the slave clocks that are in the system. Once the transmitter master clock receives a time update, it then transmits the time to any number of secondary slave digital clocks. The digital clocks need only a 240v ac power outlet.

GPS MASTER CLOCK SPECIFICATION:

- WORKING VOLTAGE = 220 VOLTS
- WORKING CURRENT = 10 AMPS
- TRANSMISSION FREQUENCY = 433.5 MHZ
- TRANSMISSION TIME = LESS THAN 2 MILLISECONDS
- TRANSMISSION RADIUS = 400 MTRS
- GPS RECEIVER = GPS-634R
(65 channels with ultra-high sensitive Smart GPS Antenna module)
- TRANSMISSION Time = Every Minute
- ENCLOSURE = Power Coated BODY
- REAL TIME CLOCK(RTC) = DS1307(FROM DALLAS)
- TIME ERROR PER YEAR = +/- 1 MINUTE
(IN THIS CASE SINCE WE HAVE GPS THERE IS NO TIME ERROR EVEN PER DAY)
- THE ENTIRE SYSTEM WORKING = VOLTAGE 12 VOLTS
- EXTERNAL ANTENNA = TELESCOPIC
- EXTERNAL ANTENNA CABLE = 10 METERS