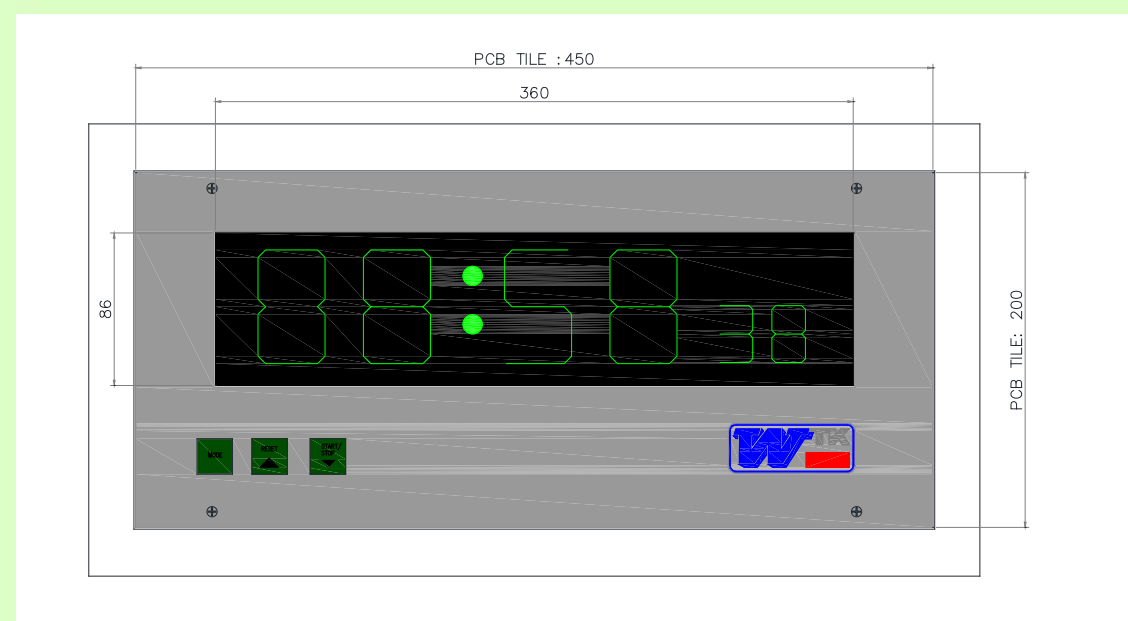


# Surgical Scrub Sink

The WTK Master Clock System is a digital type and designed to provide accurate timing to modern healthcare application. It has a master clock with possible configuration with multiple slave clock which are synchronized every 15 minutes.



## Description

WTK Master Clock System is available with surface or flush mounted design and with unique PCB design which will have minimal time variant over a long period of time.

Major components and feature: –

A. Master GPS Synchronize Controller (Isolation network)

- Input from 240 VAC, 3 core, single phase, 2A power with built in transformer.
- 24 Hour Mode display Time
- RS485 2-wires communication runs in conduit
- Synchronize every second
- 6 independent Channel for Isolated RS485 network support up to 256 nodes
- Isolated 485 Network for surge protection

B. Slave Clock (Isolation network)

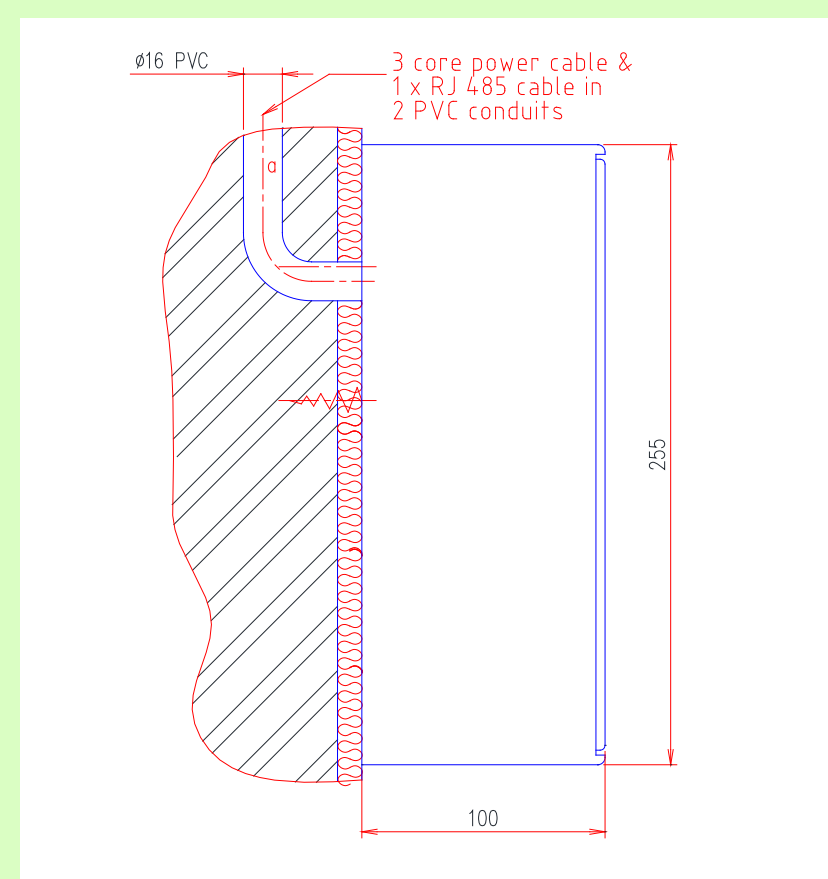
- 75mm large Digit Number Display
- will blink when link broken

C. Integrated Switching Power Supply

D. 485 Repeater (if required)



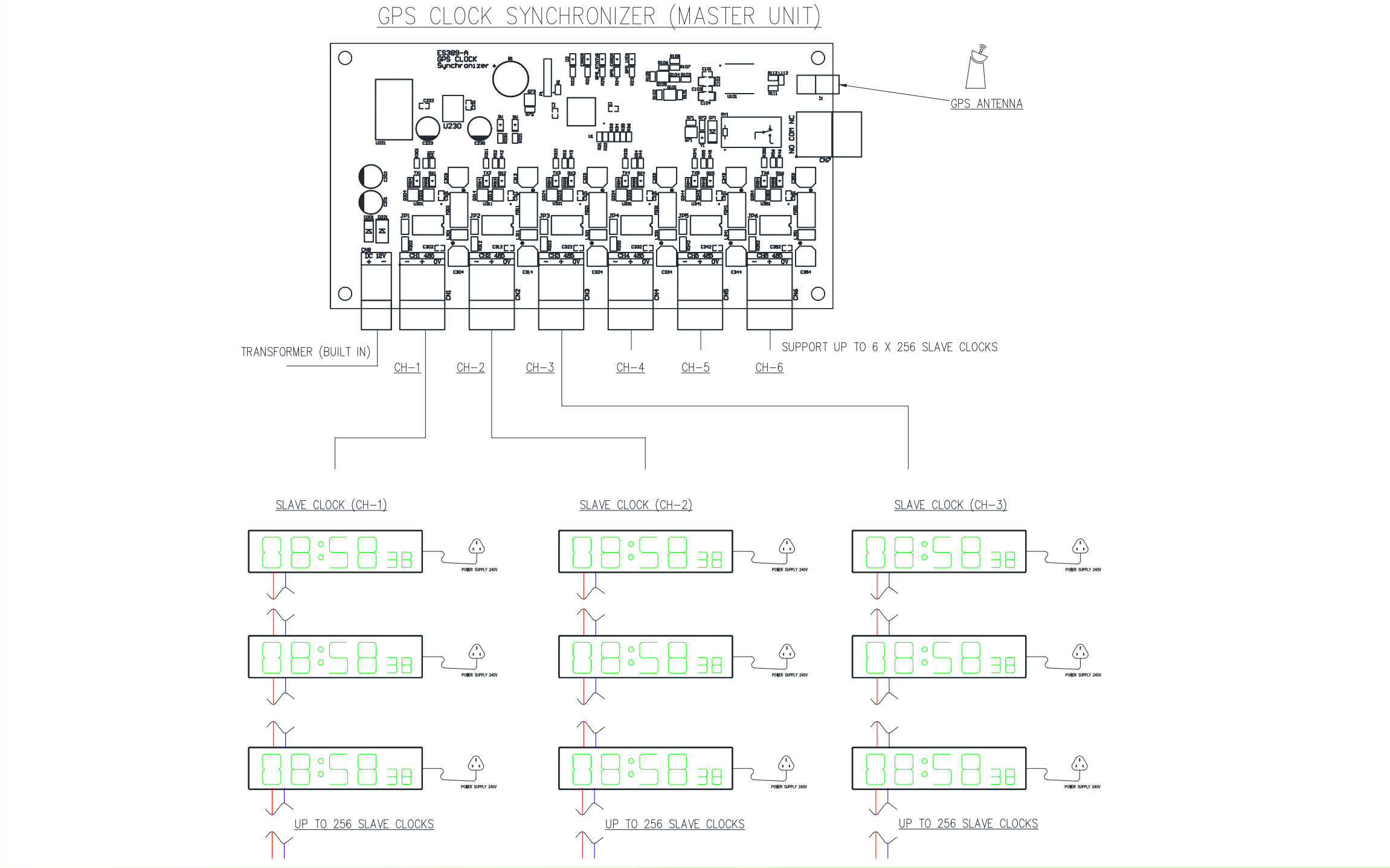
Large Character



Surface mounted box: 503mm L x 255mm H x 100mm D

## Innovative Design in Medical Engineering

# TYPICAL LAYOUT OF MASTER CLOCK SYSTEM



## TECHNICAL SPECIFICATION

HTM 2007 – Electrical Supply and Services Distribution  
HTM 2020/2021 – Electrical Safety codes for High & Low Voltage

Designation : Master Clock System  
Power Type : Input 230 VAC. Low voltage design 12 VDC  
Room & Bed : Assignment up to 255 locations per master

## MODEL NUMBER

- |         |   |
|---------|---|
| WT40001 | Master Clock (complete with enclosure, antenna, transformer and power cord) |
| WT40002 | Slave Clock   |
| WT40003 | Integrated Switching Power Supply   |
| WT40004 | 485 Repeater  |