

We pride ourselves in our high quality digital displays. Synchronized with either **NTP** (Network Time Protocol) or **Time Code**. Our displays are available in a variety of designs, colors and sizes.

## Digital Displays

**NTDS Series** - Our NTP displays utilize an existing Ethernet connection to receive synchronized time. Available with either Universal AC or PoE (Power over Ethernet) technology.



**TCDS Series** - Our Time Code displays are synchronized via twisted pair or coaxial cable. All displays are Universal AC.

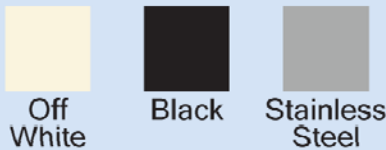
Displays are available in: **2", 4", and 7" models.**  
(5cm, 10cm, and 18cm)



Display available in four colors.



Chassis available in three colors.



## Analog Displays

Our analog displays are available with 12-hour face, 24-hour face, 12/24 hour face, and tick marks.

**CLKNTD Series** - Uses Ethernet technology, including PoE.

**CLKTCD Series** - Uses Time Code technology. (Available in 12" only)

12"/15"  
(32cm/38cm)



18"  
(45cm)



30" (76cm)



## Master Clocks

Modular master clocks to fit a virtually endless variety of timing needs.

### MCR1000



### MCR5000



The compact MCR1000 and rack mount ready, maximum I/O MCR5000 are the heart of our precision timing systems. Each is capable of handling a multitude of inputs and outputs for accurate, synchronized time for several applications.

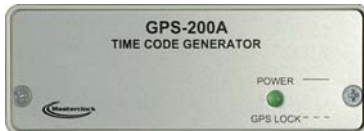
#### Input Reference

GPS  
NTP  
Time Code  
(IRIG-A, IRIG-B, SMPTE)  
NMEA  
NENA  
High Stability Oscillator

#### Output Reference

NTP  
Time Code  
(IRIG-A, IRIG-B, SMPTE)  
NMEA  
PPO  
PPS  
10 MHz Sine Wave

## Time Code Specific Products



### GPS200

Synchronizes to GPS satellites via a GPS antenna to output accurate Time Code.



### TCO100

Generates its own Time Code with an internal oscillator.



### TCI500

Converts between several Time Code formats.



**RC500** Count down, count up timer for our NTDS and TCDS Series digital clocks.

## PC Cards

Our Family of PCI cards for Windows Operating Systems allow a PC to be synchronized to the **GPS** satellite system, a **Time Code** input, or via an internal **oscillator**.

**GPSPCI**  
**MCRPCI**  
**TCRPCI**



## Bell Ringer System

Control up to 80 bells on 4 independent channels with our new CRL1000 Ethernet Bell Ringer Controller. Configurable with PC software and synchronizes to NTP server.

