Masterclock®

The **NTDS86-DF** Digital Clock syncs to any NTP (Network Time Protocol) source for accurate and traceable time. The double-faced unit configures to time zone and Daylight Saving Time parameters.

Standard Features

- Double-faced, 7 in (18 cm) 6-digit LED display
- LED available in red, green, blue or amber
- Syncs to any NTP or SNTP source for accurate and traceable time
- Retains time and date during loss of power and/or reference using a battery backed real-time clock (RTC) chip and maintenance-free rechargeable battery
- Configures to time zone and Daylight Saving Time
- WinDiscovery software utility included for easy configuration of clocks and generators within a network
- Fully configurable network settings, including DHCP / STATIC IP
- Configuration is saved to non-volatile memory and survives power losses
- Password protection prevents unauthorized tampering
- Display time in 12- or 24-hr format – hh:mm:ss
- Display date – mm:dd:yy, dd:mm:yy or yy:mm:dd
- Configurable to alternate showing date and time
- PM indicator
- Wall mount bracket
- Adjustable brightness levels with scheduled dimming
- Visibility: 350 feet (100 meters)

Options

- Side wall-mount bracket

Pair with the **RC1000** or **RC600** to add count-up and count-down timer control functionality

Specifications

LED available in red, green, blue or amber

CONNECTORS

- Ethernet RJ45
- IEC A/C Power
- USB for configuration

POWER

- International IEC AC 90-240v, 50/60 Hz
- Power consumption < 15W

OPERATING PARAMETERS

- Temperature: 0 to 60°C
- Humidity: Up to 90% (non-condensing)
- Storage Temperature: -40° to 185° F (-40° to 85°C)
- Storage Humidity: Up to 90% (non-condensing @ 25°C)

PHYSICAL

- Black metal chassis
- IP Rating: IP40
- Size: 38w x 10h x 4.5d in (96.5w x 25.4h x 11.4d cm)
- Weight: 20.0 lbs (9.1 kg

MTBF

- 86,700 - 100,000 hours

All calculated using Fixed/Ground Mil HDBK 217F assumption

COMPLIANCE

- FCC, ROHS, CE Marked, ANSI