

# Masterclock®

## NTP Driven Clocks

### NTDS29



#### STANDARD FEATURES

- > 1.8 in (4.6 cm) 9-digit LED display available in red
- > Syncs to any NTP source for accurate 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 parameters
- > WinDiscovery software utility included - provides easy configuration of clocks and generators attached to network
- > Fully configurable network settings, including DHCP / BOOTP / STATIC IP
- > Configuration is saved to non-volatile memory and survives power losses
- > Password protection prevents unauthorized clock configuration tampering
- > Display time in 12- or 24-hr format – hh:mm:ss with three-digit day of year
- > Display date – mm:dd:yy, dd:mm:yy or yy:mm:dd
- > Configurable to alternate showing date and time automatically
- > Adjustable brightness levels with auto-dimming option
- > Visibility: 100 feet (30 meters)
- > Wall-mount bracket
- > Dry contact relay option
- > PM indicator

#### OPTIONS

- > Tilt-wall bracket
- > Rack-mount bracket (2U)

#### SPECIFICATIONS

##### Connectors

- > Ethernet RJ45
- > IEC AC Power
- > DC input
- > USB for configuration

##### Power

- > Choice of – IEC AC, POE (Power over Ethernet IEEE802.3af) or DC (24 VDC)
- > International IEC AC 90-240v, 50/60 Hz
- > Power consumption < 15W

##### Operating Parameters

- > Temperature: 0 to 60°C
- > Humidity: Up to 90% (non-condensing)

##### Physical

- > Black powder-coated steel chassis
- > Size: 19w x 3.5h x 3d in (48.3w x 8.9h x 7.6d cm)
- > Weight: 5.0 lbs (2.3 kg)

##### Compliance

- > FCC, ROHS, CE Marked, ANSI

The optional **RC600** (above) is a remote control that adds both count-down and count-up timer control features to our NTDS and TCDS clocks. Uses WinDiscovery software.

**MASTERCLOCK, INC.**

**5-YEAR LIMITED PARTS & LABOR WARRANTY**

**MADE IN THE USA**

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