



NTDS Digital Displays

Masterclock NTDS Digital Displays sync to NTP (Network Time Protocol) or SNTP (Simple Network Time Protocol) for accurate and traceable time. All units configure to time zone and Daylight Saving Time parameters, with Power over Ethernet (PoE) included.

Key Features

- RTC back-up maintains time during loss of power or loss of NTP reference
- Time Zone offsets (to one second resolution) supports biasing requirements
- Operates on WAN or LAN at 10/100 Mbps
- Complete flexibility in Daylight Saving Time configurations
- Fully configurable network settings, including DHCP/STATIC IP support
- Primary and secondary NTP reference with fault-tolerant switching
- Supports NTP Broadcast, Multicast and query (Unicast) modes
- Password protected communication and secure SSH management access
- Remotely view, adjust and configure devices with WinDiscovery app
- Rechargeable battery retains time and configuration for at least two weeks after power loss
- Six-digit models: six-digit time or date display
- Nine-digit models: six-digit time display plus three-digit DOY (Day of Year)
- Twelve-digit models: six-digit time display plus six-digit date display
- 12- or 24-hour display formats
- Five year warranty from date of sale

LED Display Sizes

7 in (18 cm)

Visibility: 350 ft (100 m)
Pictured: NTDS86



4 in (10.2 cm)

Visibility: 200 ft (60 m)
Pictured: NTDS46



2 in (5.8 cm)

Visibility: 100 ft (30 m)
Pictured: NTDS26



1 in (2.5 cm)

Visibility: 50 ft (15 m)
Pictured: NTDS16



Double-Faced

In 7", 4" and 2" models
Pictured: NTDS24-DF



All NTDS products include Power over Ethernet.



LED displays available in red, green, blue or amber

5-YEAR LIMITED PARTS & LABOR WARRANTY **MADE IN THE USA**

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Masterclock.com

Series Guide

7 in (18 cm)

Visibility: 350 ft (100 m)

4 in (10.2 cm)

Visibility: 200 ft (60 m)

2.3 in (5.8 cm)

Visibility: 100 ft (30 m)

1 in (2.5 cm)

Visibility: 50 ft (15 m)



NTDS86

7 in (18 cm), 6 digit



NTDS49

4 in (10.2 cm), 9 digit



NTDS29

1.8 in (4.6 cm), 9 digit



NTDS19

1 in (10 cm), 9 digit



NTDS46

4 in (10.2 cm), 6 digit



NTDS26, LUX26*

2.3 in (5.8 cm), 6 digit
*User-defined LED color



NTDS16

1 in (2.5 cm), 6 digit



NTDS86-DF

7 in (18 cm), 6 digit
Double faced



NTDS46-DF

4 in (10.2 cm), 6 digit
Double faced



NTDS26-DF

2.3 in (5.8 cm), 6 digit
Double faced



NTDS112

1 in (2.5 cm), 12 digit



NTDS8646-3AL

7 in (18 cm), 6 digit top row;
4 in (10.2 cm) 6 digit 2nd row
+ 3 digit alpha



NTDS4626-3AL

4 in (10.2 cm), 6 digit top row;
2.3 in (5.8cm) 6 digit 2nd row
+ 3 digit alpha



NTDS26-8AL

2.3 in (5.8 cm), 6 digit top row;
8 digit alphanumeric 2nd row



All NTDS products include Power over Ethernet (PoE)



NTDS84

7 in (18 cm), 4 digit



NTDS44

4 in (10.2 cm), 4 digit



NTDS24

2.3 in (5.8 cm), 4 digit



LED displays available in red, green, blue or amber



NTDS84-DF

7 in (18 cm), 4 digit
Double faced



NTDS44-DF

4 in (10.2 cm), 4 digit
Double faced



NTDS24-DF

2.3 in (5.8 cm), 4 digit
Double faced

See LUX26 for user-defined LED color