

Power over Ethernet (Poe) Digital Clocks



Please read this first!

If this is your first installation or you have questions at any time during this process, please call American Time toll free at **800-328-8996**.

1

Pre-Installation

1. Verify network infrastructure with Network Administrator.
 - Power over Ethernet (PoE) solution
 - Dynamic Host Configuration Protocol (DHCP) settings
2. Plan Digital PoE Clock locations and cabling routes

2

Unpack the box

- Remove the components from the box. Save the packing materials in case you need them later.

3

Check the contents

Your package contains:

- Digital PoE clock(s)
- 1ft CAT 5 or higher Ethernet patch cable
- Quick Start Guide with mounting template
- Installation & Operation Manual
- USB Drive (optional) with Network Clock Connect Software—Part #H004167B-POE

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Integrated Solutions

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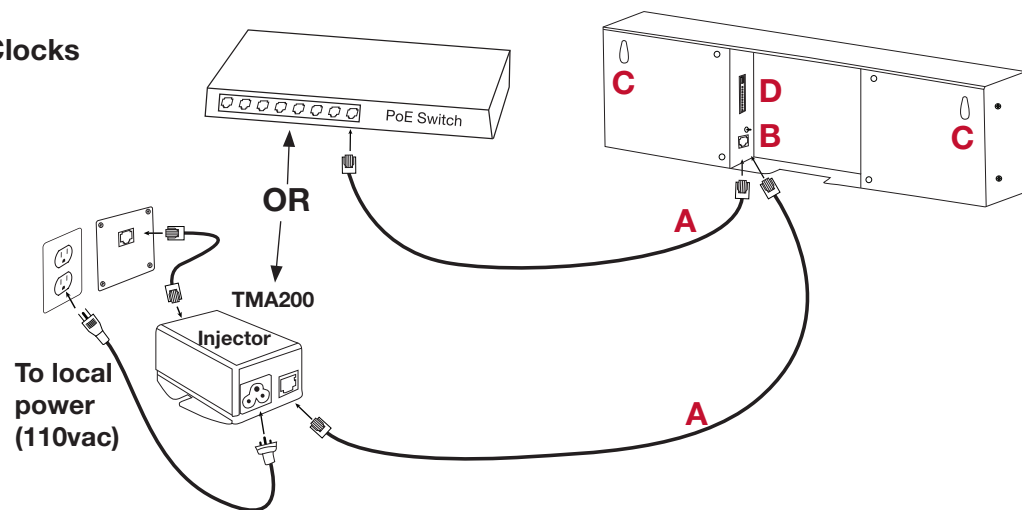
QUICK START INSTALLATION GUIDE

4 Set up the Clock

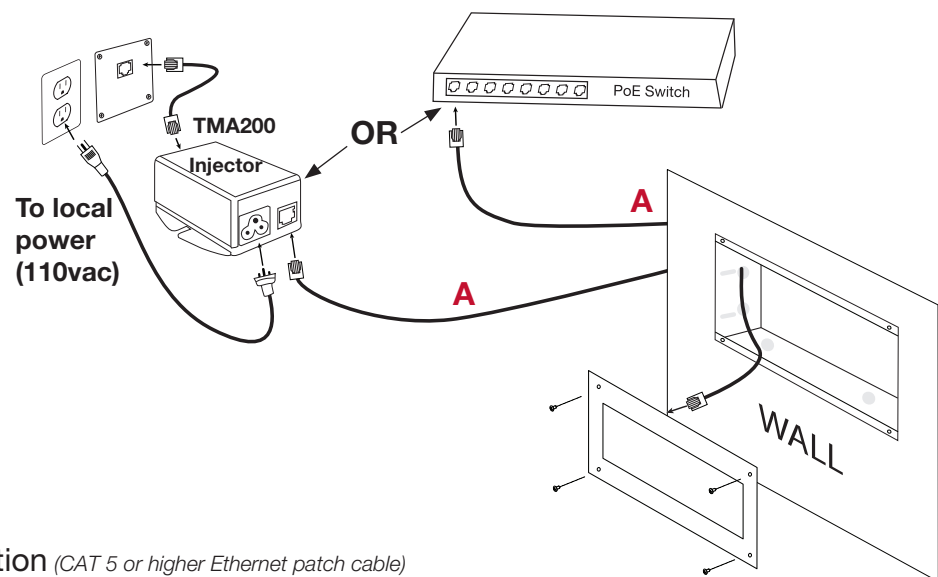
- To power up the clock, connect a CAT 5 or higher Ethernet patch cable (A) to a PoE switch (Fig. 1) or single injector (Fig. 2) and to the rear panel. The time should display in 20-40 seconds.
 - PoE Switch (Fig.1) - Check with network administrator for infrastructure needs. This part is not supplied by American Time.
 - PoE Injector (TMA200) (Fig. 2) - This is an optional power source that may be purchased from American Time.

Note: When a DHCP network is not present at initial start up, the PoE clock will default to a random Static IP in the range of 169.254.1.0 to 169.254.254.255. For more details reference the Power over Ethernet (PoE) Clock Installation & Operation Manual at www.atsclock.com/support/poe-clocks.cfm.

Surface Clocks



Flush Clocks



A=PoE connection (CAT 5 or higher Ethernet patch cable)
B=Set Button C=Keyhole hanger D=Relay

Mounting Template for 4", 6 digit display - 16"

Mounting Template for all 2.5" displays and 4", 4 digit display - 12⁹/₁₆"

POWER OVER ETHERNET DIGITAL CLOCKS

5 Adjustments via Network Clock Connect

- Download Network Clock Connect from: www.american-time.com/support/software-firmware-updates. Click Search Now and click on Network Clock Connect from the list. The software will automatically download. It is also available from the optional USB Drive (H004167B-POE, purchased separately).
- Install Network Clock Connect application – Password = clock4u (default)
- Network Clock Connect will allow you to configure:
 - Network address settings
 - Time Synchronization settings
 - Daylight Saving Time settings
 - Schedules (Buzzer clocks) - maximum of 100 scheduled eventsFor more details, reference the Power over Ethernet (PoE) Clock Installation and Operation Manual.

6 Hang your clocks

- The line and circles below can be used to locate the mounting holes for surface clocks. Turn this page so the template line is at the top. **Make sure the template is level** then drill two 1/4" holes at the circles and insert the wall anchors.
- Insert the screws leaving a 1/16" gap between the head and the mounting surface.
- Place the clock on the wall using the two keyhole hangers (C).

Note: If mounting with double dial kit, please refer to the Power over Ethernet (PoE) Clock Installation & Operations Manual at www.atsclock.com/support/poe-clocks.cfm.