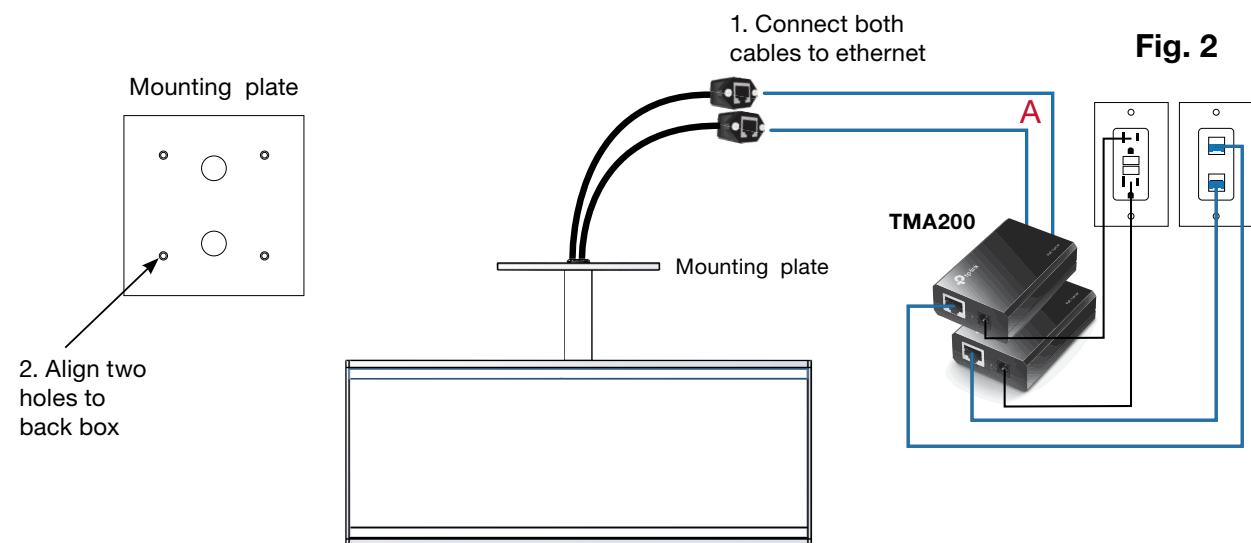


8 Hang the Clock (continued)

Ceiling Mount

1. Make cable connections to the digital clock.
2. Using two #8-32 x 3/4" screws, hang double dial enclosure assembly using holes onto 4" square back box.



Global Series Power over Ethernet (PoE) Double Dial 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 Double Dial PoE clock
- Quick Start Guide
- Installation and Operation Manual
- USB Drive (optional) with Network Clock Connect Software—Part #H004167B-POE

NOTE FOR NON-INCLOUD CUSTOMERS: If your site is not using the inCloud Management Portal, disregard Step 4 and proceed directly to Step 5.

american  time.

Integrated Solutions

phone: 800-328-8996

online: american-time.com

fax: 800-789-1882

mail: 140 3rd St. So.; PO Box 707, Dassel, MN 55325-0707



The inCloud Management Portal is a fast and intuitive tool for setting up, monitoring and managing American Time products. Get your devices up and running more quickly, efficiently manage their status, and easily make changes. inCloud includes features such as:

- Indicators for clock status and time sync
- Time server management
- Brightness, 12/24-hour display, and other settings and controls
- Default and custom configuration setups, to maintain consistent settings across all clocks

With the inCloud management portal you can set up, monitor and manage your American Time network clocks easily and from anywhere.

incloud.american-time.com

QUICK START INSTALLATION GUIDE

4 Configuring Clocks to the inCloud Portal

To easily configure your clocks to the inCloud Management portal, download American Time's Network Clocks mobile app for Android devices (see QR code provided below).



Scan the QR code to the left to download the Network Clocks mobile app. The app allows you to quickly and easily set up clocks on inCloud.

Scan the QR code to the right to access the quickstart guide for the Network Clocks mobile app.



If clocks must be configured using a computer, follow the steps listed below.

1. Navigate to the inCloud portal: incloud.american-time.com
Log in using the credentials supplied in the welcome e-mail from American Time.
2. Click on the green "Setup New" button in the PoE Devices bar on the Device List page.
This will open the Setup Network Device List, which will list all the clocks assigned to your site by American Time.
3. Find the clock's MAC address and provide a Title and (if desired) description for the clock. Repeat this for each clock in the list.
 - The MAC address can be searched using the last five characters of the address including the colon (for example, AA:11) in the search bar.
4. The clocks will remain in a semi-provisioned state until they report in to the portal. As long as the clocks have not yet been powered up, this should occur once power is connected. Otherwise, this may take up to 15 minutes to occur.

If clocks cannot be configured prior to installation/power-up:

- Follow the same process outlined in this instruction sheet. After configuration, clocks will appear as partially configured in the Device List until they communicate with inCloud fully; this may take up to 24 hours, but clocks will function normally until that occurs.
- If immediate connection is desired, removing and then reconnecting power to the clocks will command them to communicate with inCloud immediately. This must be performed with each clock if desired.

5 Set up the Clock

1. To power up the clocks, connect CAT 5 or higher Ethernet cables (A) to a PoE switch (Fig. 1) or single injector (Fig. 2). 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 **PoE Analog and Global Series Digital Manual**.
Navigate to: [SUPPORT > PRODUCT DOCUMENTATION > select MANUAL > type PoE in searchbox > SEARCH](#) – Click on **PoE Analog and Global Series Digital Manual**.

POWER OVER ETHERNET DIGITAL CLOCKS

6 Adjustments via Network Clock Connect

NOTE: inCloud users should only use Network Clock Connect for programming schedules. All other settings should be configured within the inCloud clock configurations.

1. Download **Network Clock Connect**. Find it online: american-time.com
Navigate to: [SUPPORT > PRODUCT DOCUMENTATION > select FIRMWARE > SEARCH](#)
Click on **Network Clock Connect**.
The software will automatically download. It is also available from the optional USB Drive (H004167B-POE, purchased separately).
2. Install Network Clock Connect application – Password = clock4u (default)
3. 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 **PoE Analog and Global Series Digital Manual**.

7 Hang the Clock

Wall Mount

1. Make cable connections to the digital clock.
2. Using #8-32 x 3/4" screws, hang double dial enclosure assembly according to one of the following:
 - 4 square junction box – install lower screw into back box, hang clock by keyhole, install upper screw
 - Single gang box – install lower screw into back box, hang clock by keyhole, install upper screw
 - Double gang box – Install two lower screws into back box, hang clock by keyhole, install upper screw

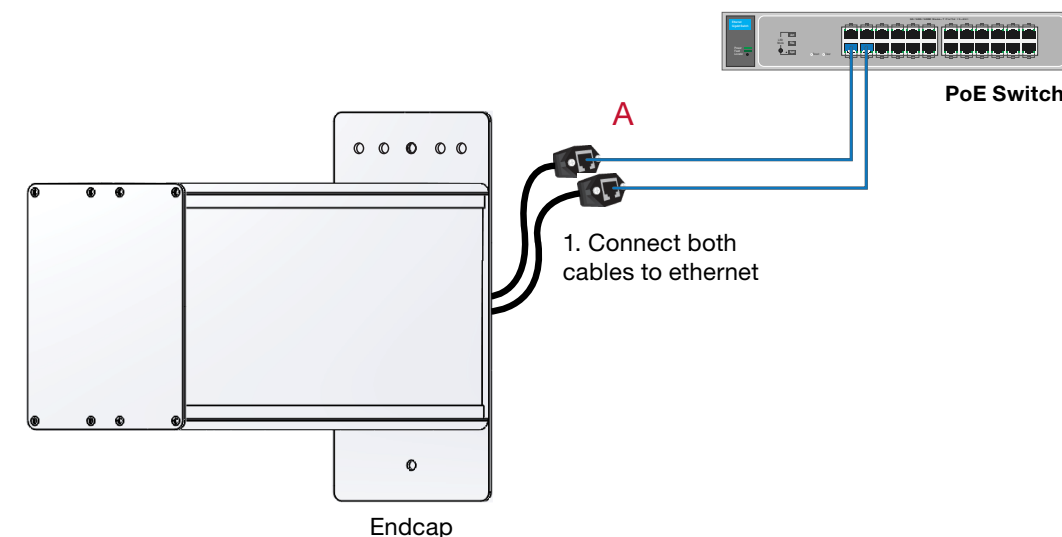
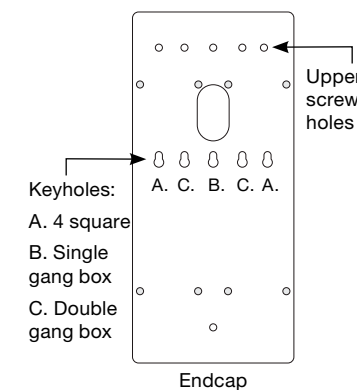


Fig. 1

A=PoE connection (CAT 5 or higher Ethernet patch cable)