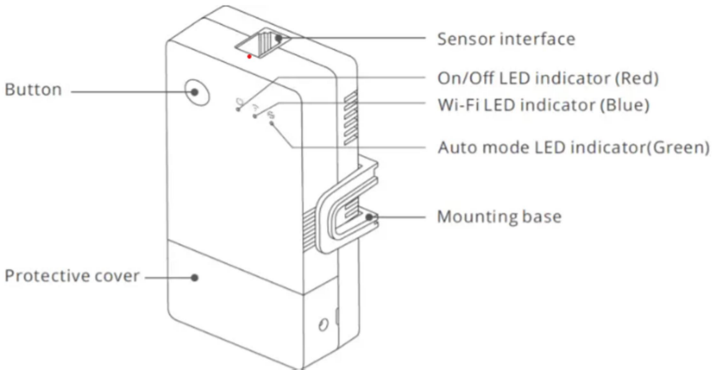
Wi-Fi Temperature and Humidity Controller

Downloading the App

1. **Download eWeLink App** on your smartphone.
   - Available on Android Play Store or iOS App Store as eWeLink Smart Home Control.
2. **Register Your Account**:
   - Use your **email** to register.
   - A **verification code** will be sent to your email. Enter this code to complete registration & log in.

Pairing the Device



1. **Ensure Strong Wi-Fi Signal**:
   - Make sure you are close to your **Wi-Fi router**.
   - **Disable VPN** temporarily if in use.
2. **Open the eWeLink App**:
   - Plug in the **DTH101 receiver**. The LED will blink **two short and one long flash** repeatedly, indicating it is ready for pairing.
   - Make sure the **Bluetooth** is on.
   - Enter your **Wi-Fi ID and password** and click **Next**.
   - After finding the device (will take less than **one minute), select add** + .and then click next. You can name and share the device after successful pairing. A **solid blue LED** indicates the device is online.
3. **Troubleshooting Pairing Issues**:
   - If pairing does not complete within **1-3 minutes**, the device will exit pairing mode.
   - To restart pairing, press and hold the button on DTH101 for **4-7 seconds** until the LED blinks **two short and one long flash**.
   - If pairing still fails or shows **"Offline"**, refer to the **Problems & Solutions** section.

Testing Device Functionality

- After pairing, you should hear a **clicking sound** when turning the switch **ON/OFF** through the app or manually.
- The button on the **DTH101** can also act as a **manual switch** to control the fireplace.

Features and Functions

1. Remote ON/OFF Control

- Turn your **fireplace ON/OFF** from anywhere using the **eWeLink app** on your smartphone.

2. Professional Timer

- Use the **scheduled, countdown, or loop timer** to turn your fireplace ON/OFF at set times.
- Up to **8 events** can be programmed in the app. Timers will still work even if the internet disconnects from DTH101.

3. Temperature Control

- In **Auto Mode**, monitor real-time temperature and control the fireplace based on set temperature ranges.
- In **Manual Mode**, control the fireplace directly or combine with the timer feature.

4. Multi-User Control

- Share control of the fireplace with multiple smartphones.
- Only the **main user** can add, modify, or delete additional users.

5. Security Mechanism

- No one can add the registered DTH101 to another smartphone without the **main user authorization**.
- To transfer the device to a new user, it must first be **deleted** from the main user's app.

6. Firmware Updates

- The app will notify you when **new firmware** is available. Please update promptly for the latest features.

7. Voice Control

- Go to **Device Settings** and select icons for **Alexa, Google Assistant, Alice, or IFTTT** to integrate voice control.

Settings

- Click on the **settings icon…** (top right corner) to:
  - **Edit Device Name and Display Switch**
  - **Update App Version**
  - **Share Device Control** with new users
  - Turn on **Push Notifications** to receive alerts when the fireplace is turned ON/OFF.
  - View **Logs** to check who and when the fireplace was used.
  - Set the **Power-On State** to **ON, OFF, or Last State** (recommended setting: OFF for safety).
  - Enable **Inching Mode** for precise control with duration's time of from **0.5s to 3600s**.
  - Change **Temperature Units** to **Celsius or Fahrenheit**.
  - Save any changes using the **Save Icon**.

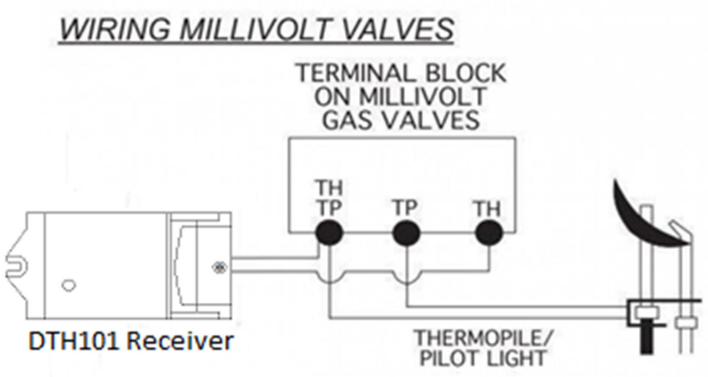
Problems and Solutions

1. **Device is Paired but Shows "Offline"**:
   - Ensure DTH101 is close to the **Wi-Fi router**. Extend the length of the receiver wires if needed.
   - Restart the **router, smartphone, and DTH101**.
   - If still offline, **delete and re-add** the device.
2. **Cannot Pair DTH101 with Smartphone**:
   - Ensure **DTH101** and your smartphone are close to the router.
   - **Disable VPN** on your smartphone temporarily.
   - **Delete and reinstall** the eWeLink app.
   - Restart the **router, smartphone, and DTH101**.
   - Reinstall the app from the **App Store or Google Play**, not from iCloud.
   - Enable **Local Network** for the eWeLink app in your phone settings.

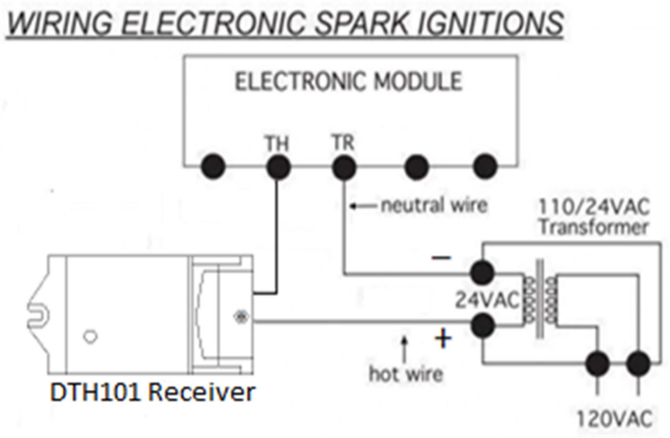
   Compatible Mode Pairing
   - If the above methods don't work, use Compatible Mode as follows:
   - Add Device: Click on Compatible Pairing at the bottom left of the page.
   - Ensure the LED light is blinking constantly on the device and click Next.
   - The next page will prompt you to adjust the settings on your phone to allow eWeLink to access your local network.
   - Go back to the eWeLink app and click on Go to Connect.
   - Choose ITEAD-xxxxxxxx as the network.
   - The password is 12345678.
   - After joining the network, return to the eWeLink app.
3. **Blue LED Remains Off**:
   - Check for a **loose connection** or a faulty adapter. Replace the adapter if needed.
   - Ensure the **sensor is connected firmly** by twisting and pushing it into place.
4. **Device Paired but App Doesn't Show Temperature**:
   - Update the **firmware** if the temperature isn't displayed.
   - Ensure the **sensor is connected firmly**.
5. **Fireplace Turns On After Power Loss**:
   - Change the **Power-On State** setting to **OFF** to prevent automatic activation after power restoration.
6. **App Doesn't Work Correctly (Red LED On)**:
   - **Update the App** when prompted.

Wiring and Installation

- **Warning**: Opening the DTH101 box will void the warranty, and any modification may cause a fire.
- The device should be installed by a qualified professional following the fireplace or gas valve manufacturer's manual.
- **Position the Sensor and Receiver**:
  - Place them away from direct **fireplace heat** but close enough to your **Wi-Fi router**.
  - Extend the length of the sensor or receiver wires if needed (5m extensions are available from ThermoMart).
- **Wiring for Gas Valves**:
  - **Millivolt Valves**: Connect the two wires from the DTH101 receiver to the **TH and TH/TP terminals** on the gas valve. The receiver act like a wall switch, turning the gas valve ON/OFF



  - **Electronic Spark Ignitions**: Connect the **neutral wire of the 24VAC transformer** to the **TR terminal** on the electronic module. Connect the **hot wire of the transformer** to one wire of the DTH101 receiver, and the other receiver wire to the **TH terminal** of the electronic module.



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For current product information, availability, and compatible options, use the verified ThermoMart links below. The preceding pages remain the original manual content.

CURRENT PRODUCT PAGE

View DTH101

All ThermoMart manuals and guides