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› Tapo T300 Smart Water Leak Detector User Manual

Tapo Tapo T300

Tapo T300 Smart Water Leak Detector User Manual

Your guide to setting up, operating, and maintaining your Tapo T300 Water Leak Detector.

PRODUCT OVERVIEW

The Tapo T300 Smart Water Leak Detector is designed to provide immediate alerts in case of water leaks or drips, helping to prevent significant water damage in your home. It features highly sensitive probes, a loud built-in alarm, and seamless integration with the Tapo ecosystem for app notifications and smart actions.



Figure 1: Tapo T300 Smart Water Leak Detector and its retail packaging.

This device requires a Tapo Hub (sold separately) for full functionality, including app alerts and integration with other smart home devices.

SETUP

1. Power Up Your Sensor

To power on your Tapo T300 sensor, remove the battery insulation tab located at the back of the device. The LED indicator on the sensor should begin to blink, indicating it is powered on and ready for pairing. If the LED does not blink, press and hold the button for 5 seconds to reset the sensor.

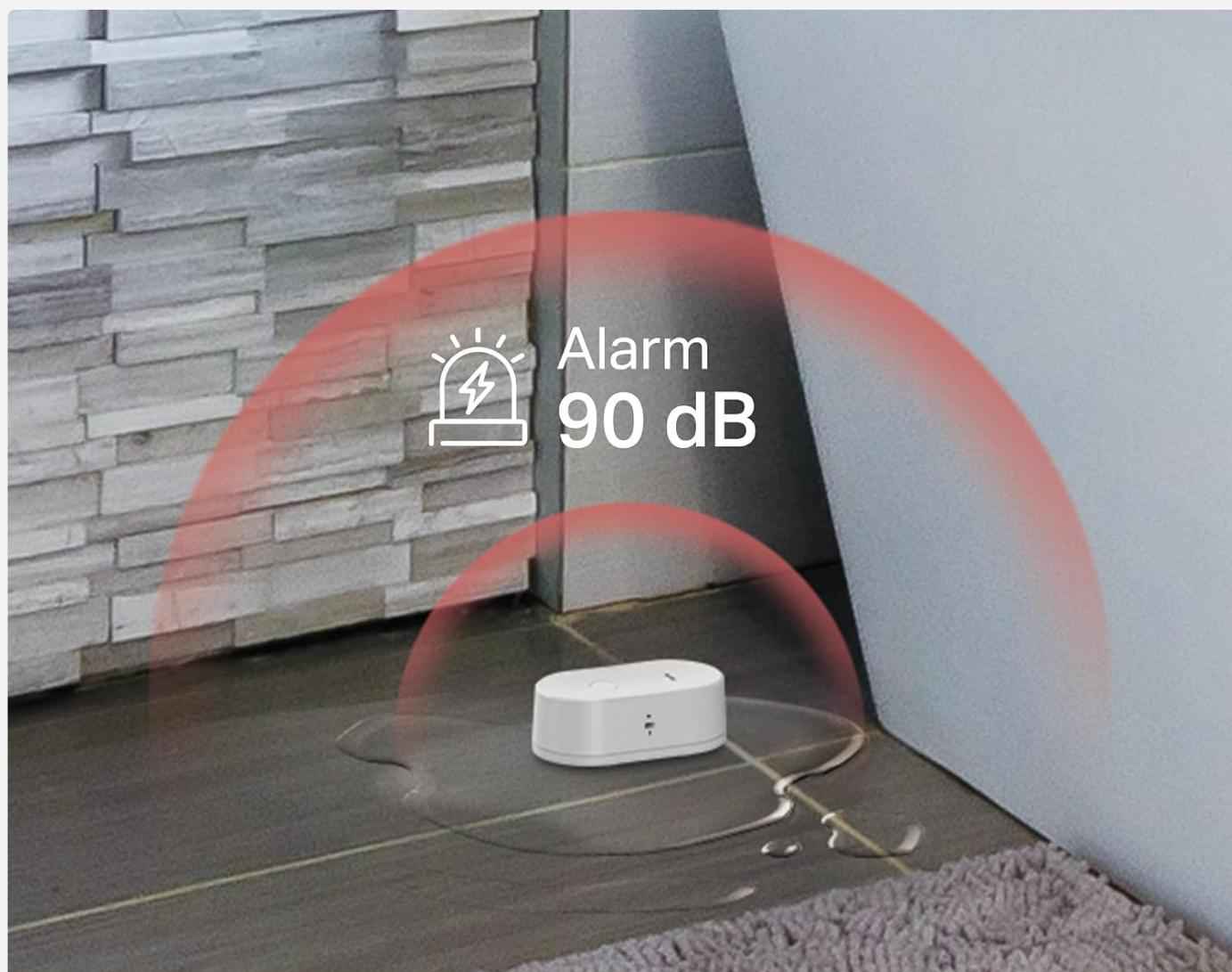
Your browser does not support the video tag.

Video 1: Tapo T300 Unboxing & Set Up (relevant section for powering up is at the beginning).

2. Check Your Sensor

After powering up, you can test the sensor's functionality. The sensor is equipped with six highly sensitive probes on both

the top and bottom surfaces. When water touches these probes, the sensor will trigger its built-in 90dB alarm. You can simulate a leak by dripping a small amount of water onto the probes or placing the sensor on a wet surface.



Up 90 dB Alarm

Built-in 90 dB adjustable alarm. Know immediately when a leak happens .

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Figure 2: The Tapo T300 sensor detecting water on a floor.

The sensor is designed to detect both drips and larger leaks, providing rapid response within 1 second of contact.

3. Set Up Your Sensor on the Tapo App

To integrate your T300 sensor into your smart home system and receive instant notifications, you need to set it up using the Tapo app. Ensure your Tapo Hub's firmware is updated to the latest version before proceeding.

1. Download the Tapo app from the App Store or Google Play.
2. Open the Tapo app and tap the '+' button to add a new device.
3. Select 'Sensors' and then choose your T300 model.
4. Follow the on-screen instructions in the app to complete the pairing process with your Tapo Hub. This typically involves pressing and holding the button on the sensor for 5 seconds until the LED blinks.



IP67 Waterproof

Ideal for humid and dusty environments with a long service life.

tapo

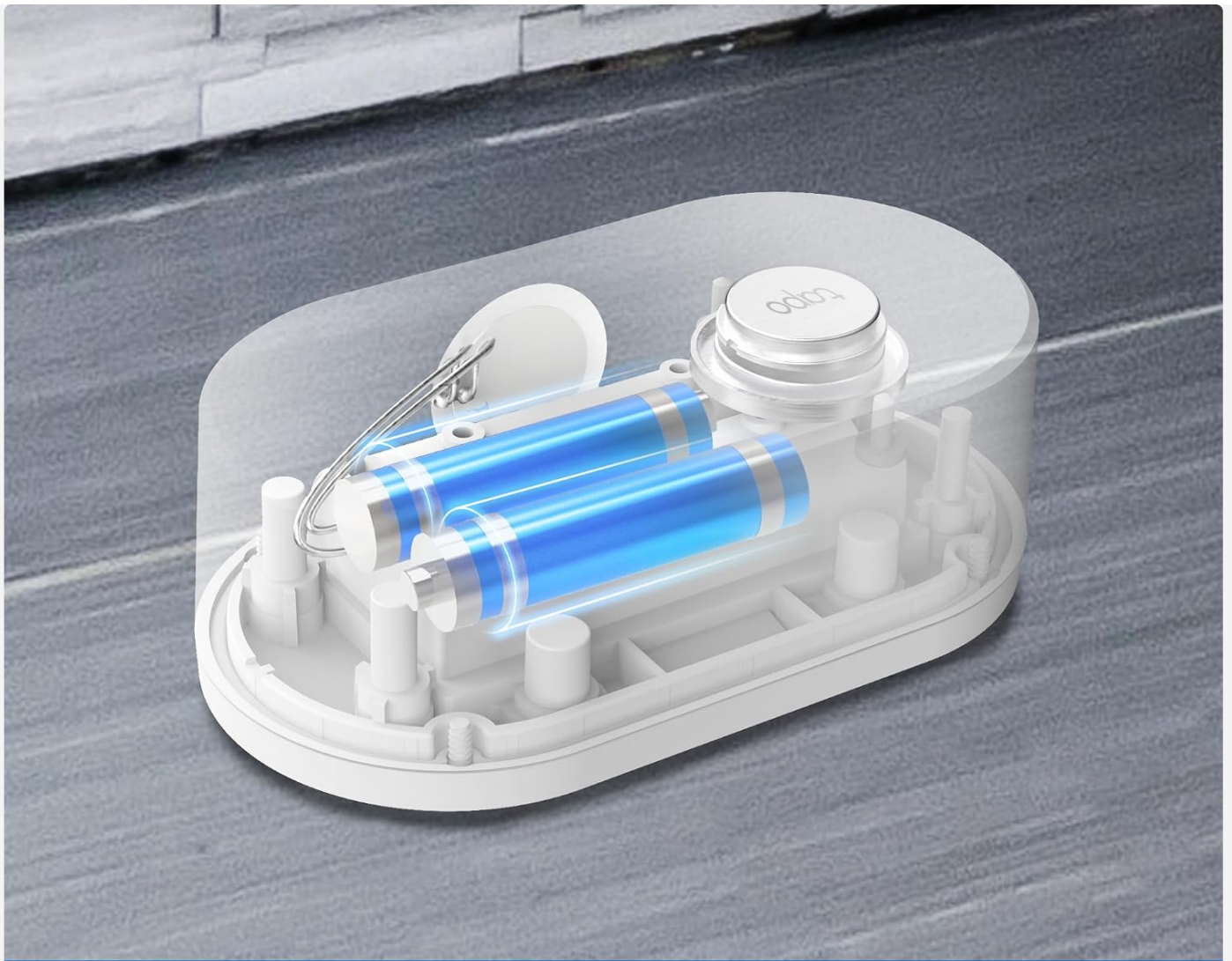
Figure 3: Example of an instant app notification received when a water leak is detected.

OPERATING

Placement

The Tapo T300 is designed for flexible placement in areas prone to water leaks or flooding. Its compact size allows it to fit in various locations. Place the sensor flat on the surface where you want to monitor for water.

- Under sinks in kitchens or bathrooms.
- Near washing machines or dishwashers.
- In basements or utility rooms.
- Adjacent to water heaters or sumps.
- Near windows where leaks might occur.



Long-Lasting Performance

1+ Year battery life.

Powered by 2 AAA batteries (included).

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Figure 4: Recommended placement areas for the Tapo T300 sensor.

The sensor's IP67 waterproof rating ensures it can withstand humid and dusty environments, providing reliable service life.

Using the Control Button

The Tapo T300 features a single control button for various functions:

- **Single Press:** Silences the alarm if it's currently sounding. It also tests the connection with the hub, triggering the hub alarm for additional audible alert coverage.
- **Double Press:** Adjusts the alarm volume. The volume level cycles through High, Normal, Low, and Mute settings.
- **Press and Hold for 5 seconds:** Initiates pairing mode with the Tapo Hub. The LED will blink to indicate it's in pairing mode.

Your browser does not support the video tag.

Video 2: Demonstrates how to use the control button for various functions, including silencing the alarm, adjusting volume, and pairing.

MAINTENANCE

Battery Replacement

The Tapo T300 is powered by two AAA batteries, providing an estimated battery life of up to 3 years. When the batteries run low, you will receive an instant app notification. To replace the batteries:

- 1. Locate the battery compartment on the underside of the sensor.
- 2. Use a small screwdriver to remove the two screws securing the battery cover.
- 3. Carefully remove the old AAA batteries.
- 4. Insert two new AAA/LR03 batteries, ensuring correct polarity.
- 5. Replace the battery cover and secure it with the screws.



Figure 5: Internal view of the Tapo T300 showing the battery compartment.

TROUBLESHOOTING

- **Sensor not detecting water:** Ensure the sensor probes are clean and free from debris. Verify that enough water is present to bridge the contacts on the sensor. The plastic feet on the bottom are designed to slightly raise the sensor, requiring a small amount of water to trigger.
- **No app notifications:** Check if the sensor is properly paired with your Tapo Hub. Ensure your Tapo app is updated and notifications are enabled in your phone's settings. Verify that your Tapo Hub has a stable internet connection.
- **Alarm not sounding:** Check the battery level of the sensor. Ensure the alarm volume is not set to 'Mute' (double-press the control button to cycle through volume levels).
- **Difficulty pairing with Hub:** Make sure the Tapo Hub's firmware is up to date. Try resetting the sensor by pressing and holding the control button for 5 seconds until the LED blinks, then attempt pairing again.

SPECIFICATIONS

Feature	Detail
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Model Number	Tapo T300
Dimensions	3.33 x 1.83 x 1.18 inches
Weight	3.52 ounces
Power Source	2 AAA batteries (included)
Battery Life	Up to 3 years (estimated)
Noise Level	90 dB (adjustable)
IP Rating	IP67 Waterproof
Control Method	App, Touch
Compatible Devices	Alexa, Tapo, Google Home
UPC	840030707308

WARRANTY & SUPPORT

For warranty information and technical support, please refer to the official Tapo website or contact TP-Link customer service. You can find detailed support resources, FAQs, and contact options at [TP-Link Support](#).

Always ensure you are using genuine Tapo accessories and following recommended installation guidelines to maintain product warranty and optimal performance.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question