

INSTALLATION INSTRUCTIONS AND USER GUIDE



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Retain these instructions for installation and use of the following Perimify systems:

- 1-POINT KIT
- 2-POINT KIT
- 3-POINT KIT
- CUSTOM APPLICATIONS

SYSTEM OVERVIEW

1-POINT KIT, 2-POINT KIT, 3-POINT KIT, AND CUSTOM APPLICATIONS



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Not intended to serve as a life-saving or lifesafety device. Not intended to substitute for proper safety devices, barriers, or alarms.



Hardware Installation should take between 5-10 minutes per APM. Special installations may require more time.



Custom brackets (not included) are required for chain-link fences, round posts, and gaps larger than 1.50" between post and gate.



System Setup should take between 10-15 minutes. Special installations may require more time.

CONTENTS WILL VARY DEPENDING UPON WHICH KIT YOU ARE INSTALLING:

1-POINT KIT – (1) Hub, (1) Power Supply, (1) APM, (1) Magnet, (4) 0.75" screws, (4) 1" screws, (2) plugs **2-POINT KIT** – (1) Hub, (1) Power Supply, (2) APMs, (2) Magnets, (8) 0.75" screws, (8) 1" screws, (4) plugs **3-POINT KIT** – (1) Hub, (1) Power Supply, (3) APMs, (3) Magnets, (12) 0.75" screws, (12) 1" screws, (6) plugs



INSTALLATION INSTRUCTIONS

1-POINT KIT, 2-POINT KIT, 3-POINT KIT, AND CUSTOM APPLICATIONS



Identify and mark the location for the APM and Magnet on the gate opening, near the latch, opposite of hinges. Arrow on the magnet **MUST** point directly at the alignment indicator on the APM after installation [Fig.1-A]. Measure the first access point to ensure APM and Magnet will be **NO MORE than 1.00" apart once installed** [Fig.1-B]. A gap of 0.75" or less is ideal.





INSTALLATION INSTRUCTIONS

1-POINT KIT, 2-POINT KIT, 3-POINT KIT, AND CUSTOM APPLICATIONS

Orient the APM to ensure the alignment indicator is pointing toward the gate. Install the APM with (4) 0.75" self-drilling screws on the post using a #2 driver bit [Fig.2] until snug. DO NOT OVERTIGHTEN!

Orient the Magnet to ensure the arrow is pointing directly at the APM alignment indicator. Install the Magnet on the gate using (4) 1.00" self-drilling screws [Fig.3-A]. If an overhang is required to maintain less than a 1.00" gap between the APM and Magnet, use only (2) screws, and insert plugs into the back- side of the remaining holes [Fig.1-C and Fig.3-B].



Once installed [Fig.4-A], ensure proper alignment and gap between APM and Magnet [Fig.4-B].











INSTALLATION INSTRUCTIONS

1-POINT KIT, 2-POINT KIT, 3-POINT KIT, AND CUSTOM **APPLICATIONS**



Carefully remove the Hub from the protective film, taking care not to scratch the surface. Cut the film near the antenna [Fig.5].

5

7

8

- 6 Rotate the antenna so that it points straight up. Plug in the barrel connector of the Power Supply to the back of the Hub, then plug the other end into a 110V outlet [Fig.6].
 - Press the audio button on the left side of the Hub to ensure that it is on. When on, the Hub will beep once [Fig.7].
 - Test the system with the aid of an assistant. If properly installed, the Hub will chime and the Status light will turn red [Fig.8-A] when the gate is opened. When the gate is closed, the Hub will chime again and the Status light will turn off [Fig.8-B]. If test fails, see trouble shooting tips at www.perimify.com/support Note: upon powering up, the status light may blink for up to 15 mins while it auto-connects to all available APMs.
 - Repeat steps 1-8 for all remaining APMs.













NOTE: HARDWARE INSTALLATION IS NOW COMPLETE. Customer/End-User should now go to pg. 6 'USER GUIDE – System Setup' for further instructions.

USER GUIDE – System Setup

1-POINT KIT, 2-POINT KIT, 3-POINT KIT, AND CUSTOM **APPLICATIONS**



Not intended to serve as a life-saving or lifesafety device. Not intended to substitute for proper safety devices, barriers, or alarms.

- A. Install all APMs as illustrated in the 'INSTALLATION INSTRUCTIONS' on pages 3-5
- B. Download the Perimify mobile App for iOS or Android
 - 1. Use the QR code shown in [Fig.1] or enter www.perimify.com/app into your mobile browser.
- C. Create an Account
 - Launch mobile App and press "Sign up" for new account. 1.
 - 2. Enter your email address and a password. Confirmation email will be sent.
 - 3. Verify your email address.
 - Go back to the App and sign in using your email address 4 and password.

D. Plug in Hub

- All lights will flash rapidly, then beep 3 times. 1.
- The status light may flash red for up to 15 minutes after 2. power up while waiting for APMs to automatically connect. 3.
 - After auto-connect to APMs, no lights will remain on.

E. Connect your Hub to your Account

- Launch the mobile App. 1.
- Press "Connect to Hub" in App. 2.
- Follow on-screen instructions: 3.
 - a. Move your mobile device close to the Hub.
 - Press the Bluetooth button on the back of the b. Hub.
 - The Bluetooth LED will illuminate green to c. indicate the Hub is in discovery mode.
 - d. Press the Next button in App.
 - App will search for Hub. e.
 - When found, it will ask to connect to the 12 digit f. I.D. number.
 - Press ves. g. h.
 - Press "Add This Hub to Your Account". Enter a nickname for your Hub (e.g. Smith Home, i. Beach House, Etc.).
 - Select the time zone for your location. j.
 - Click "Set up Wi-Fi". k.
 - L Select the appropriate Wi-Fi (SSID, Router, etc.).
 - m. Enter your Wi-Fi password and confirm.
 - The Wi-Fi light will illuminate amber while the n. Hub searches for cloud services access.
 - Press "Disconnect from Hub" to complete the process. The HUB is now monitoring all linked APMs. a.
- 5. An email will be automatically sent to the address you used to set up your account.
 - To begin your complimentary 30 days of Cloud Services, click the link in the email and follow the instructions.
 - Once Cloud Services are activated, the Wi-Fi light b. will turn green after a few minutes indicating that your complimentary 30 day service has begun.
 - Manage your subscription anytime at c. Perimify.com with the same login information used to set up your Perimify account in the App.



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Fig.1 QR Code for Perimify App www.perimify.com/app



E. Set Up APMs

- 1. NOTE: ALL 1, 2, & 3-POINT KITS COME WITH APMs PRE-LINKED TO THE HUB IN THE BOX! See 'USER GUIDE – APM Details' on pg. 8 for instructions on adding additional APMs to your Hub.
- 2. **Customize Individual APM Settings:**
 - Change nickname of APM to clearly a. indicate its location (e.g. Front Gate, Garden Shed, etc.). By default, each APM will be named "Gate 1", "Gate 2", etc.
 - For systems with more than one APM installed, open each access point one at a time, then check the App to determine which was installed in that location.
 - Press "Gate 1" in App, then ii. "Change APM Nickname".
 - Set notifications according to your needs. b.
 - c. Note - Each user can have different settings
 - for their respective needs.

F. Mobile Notifications

- Each Perimify system comes with a complimentary 30 1. day Cloud Service Subscription, which is required for mobile push notifications.
- Make sure your phone or tablet is set to allow 2. notifications from the Perimify App. These can be changed at any time.
- 3. To purchase a one year subscription, go to Perimify.com and choose Subscriptions from the menu
- Enter the same login information used to set up your 4. Perimify account in the App.

G. Notification Sharing

- 1. A total of 5 users can get mobile notifications from one Cloud Service Subscription.
- 2. In the mobile App, press "Location Settings".
- Then press "Notification Sharing". 3.
- 4. Then press "Add User", then enter the email address of the person. They will receive an email with instructions on next steps.

H. Set Up Quiet Times

- 1. Press "Location Settings" in mobile App.
- Press "Quite Times", then press "Add Time". 2

Adjusting Left Open Reminder

- The Perimify system will notify you if a gate or door 1. has been left open after 20 seconds.
- If still left open, the system will notify you every 2 2. minutes. You can change this default setting anytime while connected to Hub via Bluetooth (see 'E. Connect your Hub to your Account' on this page).

4.

USER GUIDE – Hub Details

1-POINT KIT, 2-POINT KIT, 3-POINT KIT, AND CUSTOM APPLICATIONS



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A. Status Light

- 1. Off All access points are closed.
- 2. On Solid Red At least one access point is open. Check mobile App for specific APM location status.
- 3. Flashing Red At least one access point has been left open.
- Flashing Red May flash for up to 15 minutes after power cycle while waiting for APMs to automatically reconnect.
- 5. Long Flash Red Lost at least one APM signal. Check mobile App for more information.
- B. Wi-Fi Light
 - Green Connected to Wi-Fi with active subscription. All APM activity will be sent to registered users mobile devices.
 - 2. Amber Connected to Wi-Fi without subscription. No notifications will be sent to mobile devices.

C. Bluetooth Light

- 1. Green In discovery mode for mobile App setup.
- D. Link Light
 - 1. Green In Link mode for adding APMs.
 - 2. Multiple APMs can be sequentially added while in Link mode.
 - 3. Once activated, Hub will stay in Link mode for 1 hour before auto-disconnect.
- E. Audio Button
 - 1. Press Once for On
 - Alarm Sounds when access point is opened, closed, or left open after initial 20 seconds (then every 2 mins by default). Change this setting by connecting to Hub via Bluetooth.
 - 2. Press Again for Off
 - a. Hub makes no sounds but will still send mobile notifications to active subscribers.
- F. Antenna
 - 1. Make sure it is screwed in tightly to the back of your Hub and pointing upward.
- G. Bluetooth Button
 - 1. Press once to enter discovery mode.
 - 2. Press again to exit.
- H. Link Button
 - 1. Press once to enter Link mode.
 - 2. Press again to exit.
- I. Factory Reset Button
 - 1. Hold for 15 seconds, then release. Hub will beep three times to indicate reset.
 - 2. This function will reset Wi-Fi credentials and unlink all APMs.
- J. Power Supply Connection
 - 1. 5V DC



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Place your Hub in a climate controlled area of your home or business that will maximize signal reception. If possible, avoid placement in basements or directly adjacent to any large metal appliances, power panels, and other wireless equipment such as baby monitors, cordless phones, etc. Ideal locations are elevated positions, second floors, and/or near a window that is closest to the majority of your APMs. Hubs can be placed on a flat surface, or vertically mounted (hardware not included for vertical mount).



USER GUIDE – APM Details

1-POINT KIT, 2-POINT KIT, 3-POINT KIT, AND CUSTOM APPLICATIONS



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A. Setup Button

- 1. Press once for communication test.
 - Upon pressing, the APM will conduct a connection test. If properly Linked, the Hub will beep once and the APM will beep rapidly for approximately 2 seconds.
- 2. Press twice for install mode.
 - a. When in install mode, APM will play a constant tone until the Magnet is within appropriate alignment and proximity to the internal sensor. Use this mode to determine if your magnet needs to be installed closer to the APM. **Make** certain that the arrow on the Magnet is pointing directly at the alignment mark on the side of the APM!
 - b. Press once more to exit.
- 3. Press & hold until 2 beeps for Link mode. NOTE: 1, 2, & 3-POINT KITS COME WITH APMs PRE-LINKED TO THE HUB IN THE BOX! Follow the steps below to add additional APMs to a Hub, or when setting up a non-kit system.
 - a. Press the Link button on the back of the Hub.
 - b. Press and hold the Setup button on the APM until you hear 2 beeps. When released, the APM will beep once to indicate that it has found the Hub. **This process could take up to 1 minute to complete, during which time it may beep randomly indicating a firmware update in progress.** Once the APM beeps rapidly 4 times, the Link is complete. The APM will now autodisconnect Link mode. To force exit prior to completion, press & hold Setup button for 1 second.
 - c. You can now press the Link button again on the back of the Hub to exit Link mode, or continue linking additional APMs. Hub will autodisconnect Link mode after 1 HR.
 - d. If the magnet is not yet installed, the red status light will begin flashing on the Hub and will continue to do so until the magnet is properly installed and the access point is closed.
- 4. Press & hold until 3 beeps for factory reset.
 - a. The APM will sound a 2 second steady tone to indicate that it has been reset.
 - b. The APM is now no longer Linked to the Hub.
 - c. Repeat the Linking process above to re-Link.

B. Battery

- 1. APMs ship in sleep mode. First contact with magnet will wake the APM.
- 2. Replace with CR2 Lithium batteries only.
- 3. Using the mobile App, you can view real-time battery status for each of your APMs.
- 4. Battery changes will not require the APM to be re-Linked to your Hub.
- C. Internal Broadcast Antenna Connection
 - 1. Connector must remain firmly seated. DO NOT DISCONNECT!
- D. Cover Gasket
 - 1. DO NOT REMOVE! This is installed to help maintain a weather-resistant enclosure. If gasket comes out, carefully replace it back into the channel until it is firmly seated.





USE #0 OR #1 PHILLIPS HAND SCREWDRIVER ONLY ON APM COVER SCREWS TO PREVENT STRIPPING! DO NOT remove APM cover in situations that would expose the internal components to rain or snow. After servicing APM, inspect the gasket to ensure it is properly seated in the channel, and securely fasten all (6) screws to maintain weather-resistance. Installation within (10) FT of other wireless equipment operating on 900MHz may cause interference.

INSIDE APM



COVER

INSIDE APM

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1-POINT KIT, 2-POINT KIT, 3-POINT KIT, AND CUSTOM APPLICATIONS



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