Truthbrush Tracker & Hub

User Guide

FCC Compliance Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

--Reorient or relocate the receiving antenna.

--Increase the separation between the equipment and receiver.

--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

--Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Truthbrush Tracker FCC ID: 2AS6G-T1

Truthbrush Hub: Contains FCC ID 2AC7Z-ESPWROOM32D

Truthbrush Tracker

The Truthbrush tracker is a small, decorative, device that can be placed on any manual or electric toothbrush. It is designed to monitor brushing activity and to identify patterns that can be improved. The device starts to monitor when picked up and stops when placed back down. The activity data is recorded and analyzed to determine the brush time, duration, and coverage. Users can view brush information for their family in the Truthbrush mobile application and can share the data with their dentist. A Truthbrush Hub is required and is sold separately.

Control button

The control button is used to start the tracker and connect it to the Truthbrush mobile application.

Turn on Tracker

Press and hold on the top of the sensor for 1 second to turn the tracker on. The single press is used to make the tracker wirelessly discoverable to the Truthbrush mobile application. You will hear a single, solid beep lasting for 1 second.

Making Tracker Discoverable After It was previously turned on

Sometime the tracker needs to be put into discoverable mode after it has been previously turned on. For example, then the tracker needs to be configured for a different owner. To do this, quickly double press on the top of the tracker. A single, solid beep lasting for 1 second can be heard.

Turning Tracker Off

To turn off tracker completely, quickly press the tracker's button for 6 times. You will hear it beeps quickly for 5-6 times. After turned off, tracker will not sense any movement and cannot report brush activities.

Battery

The tracker comes with a built-in 3v lithium battery that will last for approximately 6 months of normal use. At the end of its life cycle it needs to be properly recycled. Do not dispose it together with regular household waste to minimize impact on environment and health of human. For more information on where and how to recycle, visit: https://www.truthbrush.com/#/compliance

Speaker

The tracker contains a speaker that beeps when a user has brushed for the desired amount of time. The beep timer can be configured in the mobile application and communicated to the device.

Skin

Truthbrush trackers come in a variety of decorative designs. The skin is a wrap that surrounds the device and helps to protect it from wear.

Warning: Do not remove the skin. Decorative skin is part of tracker's outer housing. Improper removal can cause damage to the housing and making the tracker vulnerable to dust and water.

Water resistant

The tracker is IPX4 water resistant and will work properly under normal brushing conditions. This includes the water and toothpaste that may contact the tracker during brushing and cleaning. Do not submerge the tracker in water. Keep tracker dry and clean.

Setup Your Truthbrush

The tracker can be used with any manual or electric toothbrush. It can be transferred from one toothbrush to another and is associated to a specific user profile. The following instructions are used to setup the tracker:

Attach Tracker to Toothbrush	Slip the Truthbrush tracker onto the desired toothbrush. The band will stretch to fit. The tracker should be placed facing forward with the design right side up. (Diagram) Check the tightness of the strap, adjust the position and placement if it is too loose. (**Warning**) Please make sure the tracker is placed with its artistic side facing the same way as the bristle. The top of the artistic skin should be pointing towards toothbrush head. Placing tracker up-side-down or rotating it away from the direction of bristle may cause inaccurate data analytics.
Install Truthbrush App	Google Play Store QR code iOS App Store QR Code
Create Account	Sign up a new account with your email
Setup Truthbrush Tracker and Hub	Follow the instructions to setup and enable the tracker. 1. Plug in the hub unit into any wall outlet within 25 ft. of the tracker. It does not need to be in the same room. 2. Connect the hub to your local Wifi. If you are on iPhone, connect your iPhone to the target Wifi network first before setting up the Hub (Apple's technical limitation). 3. Tap to add a tracker, press the control button once on the tracker and it will be discovered by the mobile application. 4. Associate the tracker to a user profile and enter the name, gender, birthday, brush type and brush hand of the user. You can also enter a profile picture to easily identify the user when opening the application. 5. Setup alerts and notifications when activity has occurred, or a user has missed a brushing. 6. Setup weekly goals to incent positive brushing behavior.
Alerts & Notification	You can setup your alert and notification from with in the mobile application. Visit setting -> Manage Tracker Owner -> Select Owner -> Alerts and Notifications.
Weekly Goal	You may also setup weekly goals to incent positive brushing behavior. To setup weekly goal, tap on the targeted owner -> Edit weekly goal and follow the prompt.
Automatic Timer with Beeper	The tracker will beep after 2 minutes or any duration that you set. The beep timer is configurable in the mobile app. It is useful to set an attainable goal

	for users that are not brushing for 2 minutes and work up.

Operate Your Truthbrush

Data Collection

The Truthbrush tracker works automatically and begins monitoring when the user lifts the toothbrush for use. There is no need to remember to start tracking or connect the device to a mobile phone. The tracker works seamlessly with the Truthbrush hub to collect all data accurately and reliably.

All tracker activity data is sent and analyzed in real-time by the Truthbrush service. Only the actual brush activity will be visible in the Truthbrush application. Simply moving the toothbrush to put it away or cleaning does not represent toothbrushing.

View Brush Data

Data collected during tracking sessions is displayed in the Truthbrush mobile application.

Family data

The home page displays a card for each member of the family that has a tracker and profile. The card displays progress towards a weekly goal with contextual tips to help improve performance.

User summary

The user summary displays a chart much like any fitness app that you may be familiar with. The chart shows morning and nighttime brush activity for the week.

Users can view all activities including a calendar that allows them to scan all past brush events.

Overall performance shows the users performance vs. others in their age group.

Device information provides a link to manage the tracker and set the beep timer.

Brush detail

Users can view the detail of individual brush sessions including the actual brush duration, brush coverage, and motion analysis.

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Visit our website for more information: https://www.truthbrush.com