aura

AuraPen V1.3.4

Student
Instruction Booklet

A Guide to Your AuraPen

Congratulations!

You are one of the lucky students to receive an AuraPen! This smart tablet pen will help you come to better understand your habits!

This seal is your assurance that aura has created and reviewed this product and that it has met our standards for excellence in workmanship, reliability, and security. Always look for this seal when buying accessories and parts to ensure the complete compatibility with your Aura product.

Aura is not responsible for the loss of data caused by the incorrect use of its' products.
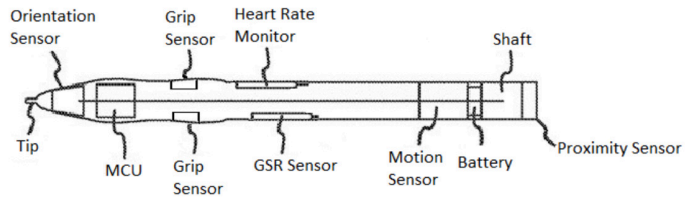
What is an AuraPen?

An AuraPen is a new smart tablet pen that allows you to monitor your habits, heart rate, grip, stress levels, and more!

Why use it?

Not only is this AuraPen required to use by your high school, it also will help you better understand your mental wellness. Get real time data of measurements taken in comparison to your base levels and better understand how you're feeling! Additionally, this information can be used to help with better diagnosis and understanding of your mental health as well as protecting your safety.

AuraPen Components

Your AuraPen is linked with some of the latest biosensors, see diagram below and setup to better understand how these work. With these sensors, you can grow to better understand yourself and will receive a comprehensive report card at the end of the year explaining these results.

Orientation Sensor · Grip Sensor · Heart Rate Monitor · Shaft · Tip · MCU · Grip Sensor · GSR Sensor · Motion Sensor · Battery · Proximity Sensor

Tip	This allows the AuraPen to interact with a touch screen without scratching it. Instructions for tip changing are provided in this manual.
Orientation Sensor	This sensor allows the AuraPen to write correctly on a touch screen, as it senses the angle at which the AuraPen is held.
MCU	A microcontroller. This controls all of the sensors in the AuraPen.
Grip Sensor	This senses the grip strength at which the AuraPen is held. Changes in this grip strength over long periods of time are linked to mental health issues.

Heart Rate Monitor	This senses your heart rate in order to watch for dangerous increases in speed due to stress or danger.
GSR Sensor	This is a galvanic skin response sensor. It measures the electrical resistance in your skin caused by emotional stress.
Motion Sensor	This sensor lets the AuraPen know when it is being moved and can be used to see patterns in your note taking.
Battery	This battery powers the AuraPen. For instructions on how to change the battery, continue reading the manual.
Shaft	This is the body of the AuraPen that holds all of the wiring and sensors.
Proximity Sensor	This sensor lets you know when other AuraPens are near you so that wireless links may be established if you choose.

NOTE: This information will be sent to your school administrators while AuraPen is in use.

Using the AuraPen and Setup

Each AuraPen is specifically linked to each student, so after turning in your permission slip, your teacher will assign you an AuraPen. AuraPens must be returned to your teacher at the end of the school year or you will be fined for the price of the AuraPen. To use your AuraPen, lightly touch or slide the AuraPen across a touch screen- be careful not to press too hard or you may risk damage to the tip of your AuraPen or to the screen itself.

The first time the AuraPen is turned on, you will be asked to follow a series of prompts to calibrate the AuraPen sensors to your specific needs.

Follow the on-screen instructions to calibrate the sensors to your baseline heart rate, blood oxygen level, grip strength, stress hormones, average sweat levels, and more. It is recommended for you to re-calibrate these sensors every six months or so to assure that

your AuraPen is correctly attuned to you.

Once you complete the calibrations, the AuraPen will restart itself. Do not turn off the AuraPen while doing the calibrations, or you will have to redo them all from the beginning.

Use of AuraPen

Please observe and follow all regulations and rules regarding the use of wireless devices in any location. Use your AuraPen responsibly and wisely.

You will need to use your AuraPen every day for both school and homework, so be sure to take proper care of it by regularly replacing the tip and properly charging it.

What To Do If Pen Is Lost Or Damaged

If you lose your AuraPen, please immediately contact your administrator as action will need to be taken as soon as possible to protect your data. If your AuraPen is damaged or lost, you will be fined $50 for the cost of the pen and will be given a replacement.

Settings

To access AuraPen settings, go into the connected devices menu on your tablet, then tap *my_aurapen*. From there, just tap on the settings option.

Various items can be adjusted from the AuraPen settings menu.

Options:

Emergency Erasure - This option allows you to permanently delete all data from the AuraPen in case of a data security risk. It also hard resets the AuraPen to have factory settings.

Lockdown Mode - This option allows you to do a hard lockdown on your device's data. In events where a data breach is unlikely to have occurred, but still possible, this allows you to keep your data until a more permanent decision or discovery is made.

User:

Color - This allows you to select the default digital writing color of the AuraPen. Unless the AuraPen color is being changed in an art program, this will be the default.

Birthday - This allows you access to special birthday stamps and effects to use in writing if you so choose on the specified day.

Username - This allows you to select a username of up to 13 characters to go by for everyone but officials.

Touch Screen:

Touch Screen - Select this to realign the AuraPen with your touch screen. Touch the calibration marks to realign the two components.

Return

At the end of the school year, be sure to use the Emergency Erasure setting on your AuraPen to erase your data and then return the pen to your teacher.

Troubleshooting

Before seeking assistance, check the following solution guide.

Problem: The AuraPen is not connecting to my tablet.

Possible Solution: Check that the AuraPen is charged and set up already and that it is not in airplane mode.

Problem: The AuraPen battery life is abnormally short OR Charging seems to take too long.

Possible Solution: Make sure the surrounding temperature is not below 10 degrees celsius. Low temperatures can adversely affect your AuraPen.

Problem: The AuraPen wireless features are not working.

Possible Solution: Make sure that the AuraPen wireless connection is being established to your tablet (if it won't connect, seek assistance), and check if there is anything in between the AuraPen and the tablet. Make sure that the AuraPen and your tablet are within 30 feet to start the connection, and that the AuraPen is charged.

Problem: The AuraPen doesn't work correctly when touching a touch screen OR the AuraPen touching the screen is registering on a different area of the screen.

Possible Solution: Check the calibration and alignment of the AuraPen to your tablet in the settings menu. If your touch screen is dirty or contaminated, clean the screen with a lightly damp cloth and dry it, then try again.

If your AuraPen still is not operating correctly after trying the above solutions, please call the Aura Service Center.