

Thank you for purchasing the FlatFrog E-APEN-D2-M3 active pen evaluation kit

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Safety instructions

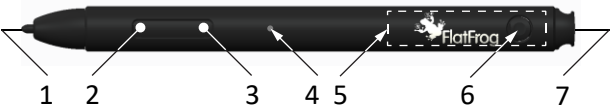
READ THESE SAFETY INSTRUCTIONS CAREFULLY. FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS COULD RESULT IN FIRE, ELECTRIC SHOCK, PERSONAL INJURY OR PROPERTY DAMAGE. AFTER READING, STORE THEM IN A SAFE PLACE FOR FUTURE REFERENCE.

- Keep the pen away from hot places. Do not leave it near a fire, in the sun, etc.
 - Keep away from small children.
 - Do not expose the battery to water or other liquids; expose it to open flames, short-circuit, or disassemble it.
Doing so may cause burns or injury.
 - Do not replace the battery with an incorrect type.
Doing so may cause risk of explosion.
 - Do not insert foreign objects into the product enclosure.
 - Do not attempt to make any repairs except replacement of the battery.
- The digital pen may interfere with some hearing aids or other personal medical devices. If it does, consult the supplier for alternatives or remedies.
 - Do the following to avoid injury or contamination of the surrounding area through generation of heat, rupture, or leaking of the battery.
 - Dispose of used batteries per the instructions.
 - Remove the battery when it is depleted, or when not using the pen for extended times.
 - Make sure to follow the precautions indicated on the battery.
 - Use batteries within the recommended use date.

Package contents

- 1 Active pen
- 1 Spare pen tip (evaluation kit only)
- 1 AAAA battery
- 1 Operating instructions (this document)

Pen parts

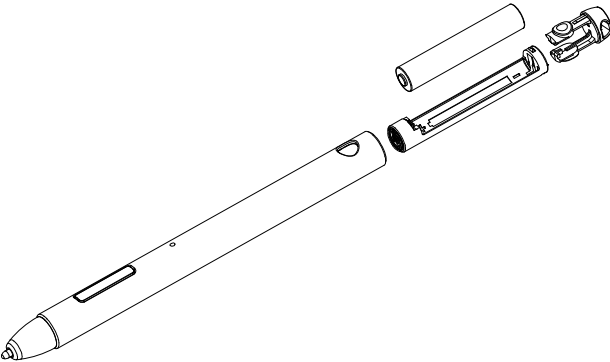


- 1. Tip**
Write by placing the tip on the touch screen.
- 2. Eraser button**
Activates eraser functionality
- 3. Select button**
- 4. Indicator LED**
- 5. Battery holder**
- 6. Battery release**
Press to release end cap and battery holder
- 7. End cap**

Preparing for use

Insert the battery. To insert or extract battery, remove and replace the end cap by pressing the two knobs on the side.

Make sure to place the battery with the poles in the direction indicated on the holder.



The pen starts automatically when the battery is inserted and there is no need to switch it on or off.

Connecting

Hold the pen within 30 cm from the touch screen antenna and press both buttons at the same time for 20 seconds. Wait a few seconds for the connection to be confirmed.

Status	LED indication
Connecting	Slow blink
Connected	Fast blink during 5 s
Connect failed	LED on during 5 s

Using the pen

Hold the pen by the shaft, not too close to the tip. Keep the tilt within 45 degrees from perpendicular to the writing surface. For best performance, avoid touching the screen with fingers or clothing, near the pen tip.

Power save mode

When not used for 30 minutes, the pen enters a power save mode. In this case, before using the pen, press either of the two buttons to activate it.

Select button

The function of this button depends on application. In many cases it is handled similar to a right mouse button click.

Using multiple pens

Refer to the touch screen manual for how many pens can be used simultaneously on the touch screen.

Battery replacement

The pen uses alkaline batteries of AAAA type., Batteries cannot be charged in the pen.

Tip replacement

If the tip gets worn, replace it. Spare tips are available for purchase at your point of sale.

1. Pull the tip straight out.
2. Push the new tip straight into the hole until it stops

Firmware upgrade

If a firmware upgrade is needed, press both buttons at the same time for 20 seconds to initiate download. Refer to the manual of the touch screen for details.

Status	LED indication
Downloading	Slow blink
Completed	Fast blink during 5 s
Download failed	LED on during 5 s

Handling and maintenance

- Obey the following to ensure proper use and operation of this product.
- Pay attention to the ambient temperature.
 - Do not use the pen where it is extremely hot or cold.
 - Do not leave the pen in a closed car, exposed to sunlight, etc. for a long period of time.
- Handle the pen with care. Do not expose to liquids, humidity, steam, sand, soot or excessive amounts of dust. Doing so may cause deformation or malfunction.
- Clean the pen and screen if any of them gets dirty. If needed, use a damp cloth to remove stains.
- The product is not waterproof or dustproof. If the writing surface is wet, remove the water by draining it and wiping it off, and thoroughly dry the unit.
- Extended exposure to gasoline or diesel fumes may corrode pen electronics causing malfunction.
- Do not drop, throw, bend or subject the product to impacts. Doing so may cause malfunctions or damage.
- The Active Pen cannot operate correctly if foreign particles are attached to the screen or pen tip. Clean the screen and pen tip prior to operation.
- Use the Active Pen only for screen operations. Using it for any other purpose may damage the pen and scratch the screen.

- Do not apply excessive force to the pen tip. The pen tip is equipped with a sensor. Continuing to apply excessive pressure may result in malfunction or damage. Make sure excessive pressure is not applied to the pen tip when storing the pen.
- Routinely check the digital pen and accessories for proper and safe condition. Do not continue to use the product if there is any damage or broken parts.
- Do not dispose of this product in the trash. As with any electronic product, check with your local waste or recycling company to determine the correct disposal method and location in your area.

Troubleshooting

If issues occur during use of the pen, please refer to the following table and perform the listed mitigation options, checking after each one if the issue is solved.

Issue	Mitigation options
Pen unresponsive	Connect to touch screen. Remove the battery and insert again. Replace battery. Replace tip if worn. Check application settings.
Poor pen performance, or pen detected as finger	Use pen with less tilt/angle. Keep fingers away from pen tip. Replace tip if worn. Refer to touch screen manual for further options.
Not able to connect to touch screen	Minimize distance to antenna. Replace battery.

Technical data

Product	E-APEN-D2-M3
Weight	19 g (incl battery)
Dimensions	141 × Ø11 mm
Data communication	2.4 GHz radio
Operating temperature	0 to 45°C
Storage temperature	-30 to 70 °C
Battery	AAAA type 1.5 V alkaline battery

Warranty, Service and Support

This product is provided to its end users through a network of distributors and resellers. You should contact your point of purchase for warranty claims and to obtain service and support related to the product.

Other information

CAUTION

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Federal Communications Commission Radio Frequency Interference Statement 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 a 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.

Warning:

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

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



Disposal of Old Equipment Only for European Union and countries with recycling systems

This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products must not be mixed with general household waste.

For proper treatment, recovery and recycling of old products, please take them to applicable collection points in accordance with your national legislation.

By disposing of them correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment. For more information about collection and recycling, please contact your local municipality.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.



Declaration of Conformity

This device complies with the essential requirements of the Radio Equipment directive: 2014 / 53 / EU. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the Radio Equipment directive:

EN 300 328 v2.1.1
EN 301 489-1 V2.1.1
EN 301 489-17 V3.1.1
EN 62479:2010
IEC 60950-1: 2005 (2nd Edition) + Am 1:2009 +
Am 2:2013; EN 60950-1:2006 +A11:2009
+A1:2010 +A12:2011 +A2:2013