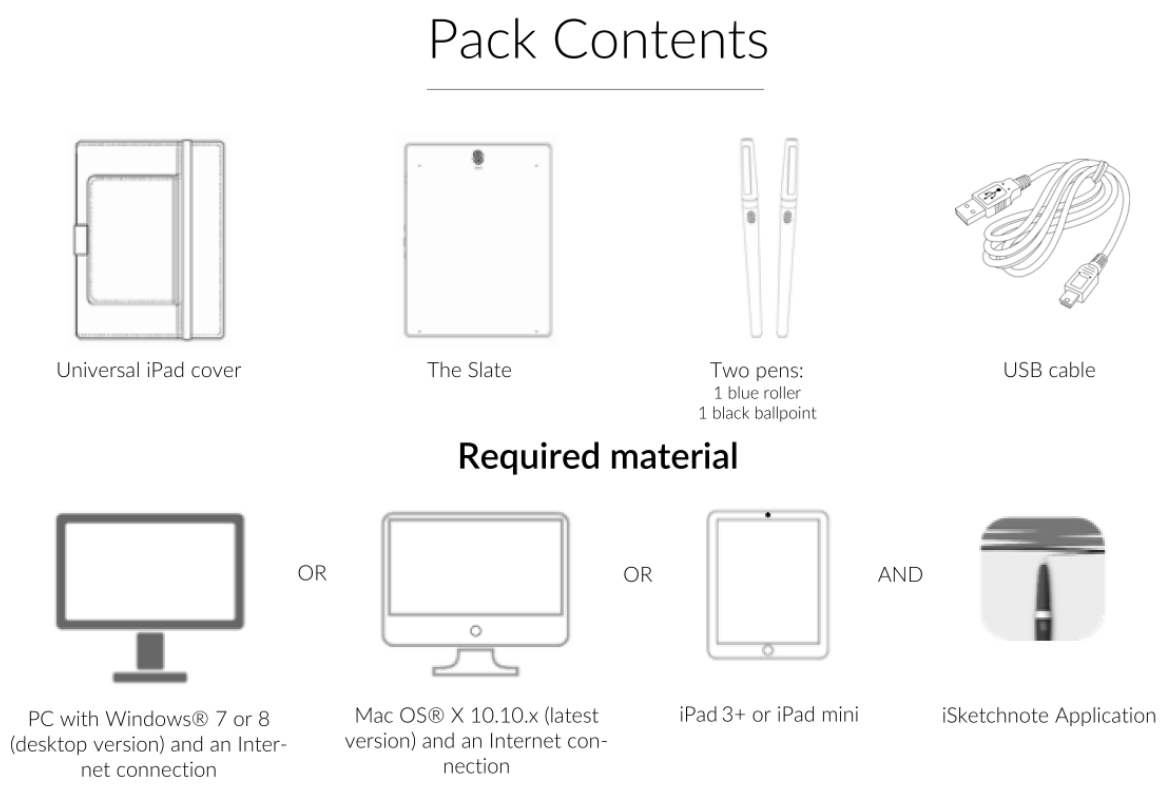
LCIE
Laboratoire de Moirans
Z.I. Centr'Alp
170, Rue de Chatagnon
38430 MOIRANS-FRANCE

GENERAL INFORMATION

FCCID: **2ACQC-TS1E2**

1.1. Product description



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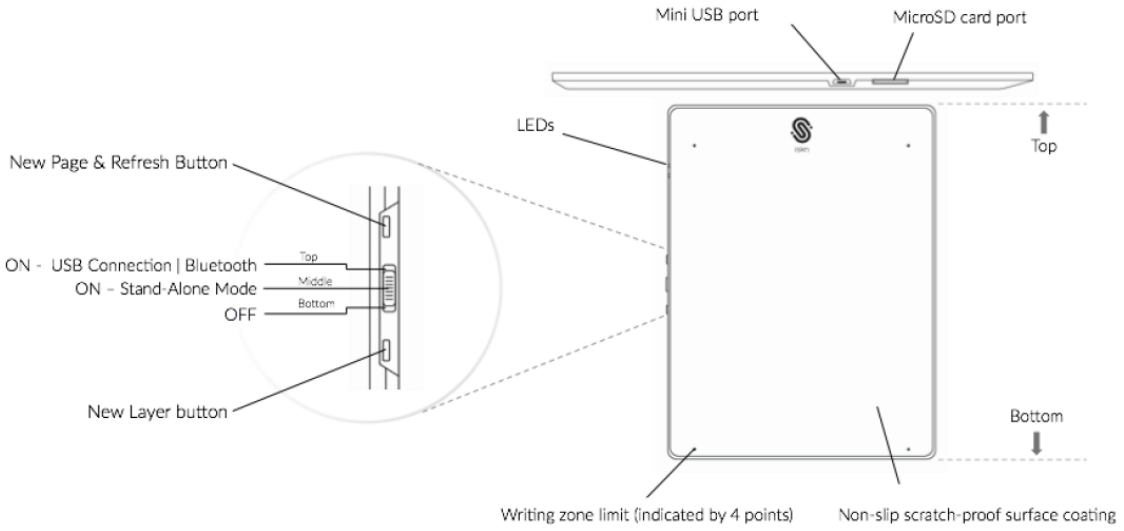
Technical Diagram



1 | Charge

Your Slate's battery may be drained when you receive it. Charge your Slate before using it for the first time.

1 START CHARGING

Connect your Slate to your computer with the USB cable

The LED **blinks orange**

2 FINISH CHARGING

The LED **shines orange continuously**

Disconnect the USB cable

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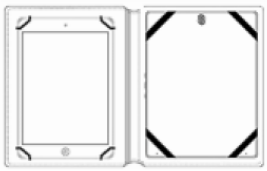
2 | Set Up (iPad)

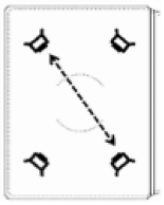
Place your iPad and the Slate in the tablet cover to take them everywhere and use them in the mode that suits you best.



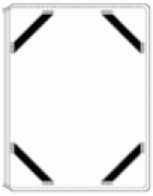
Open Book Mode

Display Mode

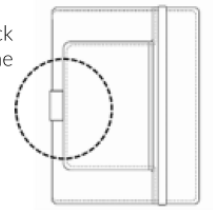
1. **Place** one corner of your iPad in a clamp. Place the corner diagonal the first one in a second clamp. **Repeat** for the two remaining corners



2. **Attach** the Slate with the elastic bands



3. **Fold** out the foot on the back of the cover by raising the cloth tab



3 | Install the App (iPad)

Download the iSketchnote app for iPad at the **Apple® App Store**.

1. **Install** the latest version of the iSketchnote app on your iPad or iPad mini

2. **Activate** your iPad's Bluetooth®

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4 | Connect (iPad)

Read the tips below before turning on your Slate, then follow the steps at right.

- Place magnetic objects at least 25 centimeters I 10 inches away
  (other iSketchnote pens, telephone, speakers, motors, magnets, computers, metallic objects, etc.)
- Use one pen at a time
- Place your Slate on a flat surface
- Keep a maximum distance of 1 meter I 3 feet between your Slate and your iPad

1. **Turn on** the Slate. Move the central slider to the upmost position. When the LED shines blue, your Slate is ready to connect to your iPad
2. **Open** the iSketchnote app. Your Slate automatically connects to your iPad

5 | Set Up and Connect (PC &Mac®)

Before turning on your Slate, read the tips below, then follow the steps at right.

- Place magnetic objects at least 25 centimeters I 10 inches away
  (other iSketchnote pens, telephone, speakers, motors, magnets, computers, metallic objects, etc.)
- Use one pen at a time
- Place your Slate on a flat surface

1. **Install** the latest version of the iSketchnote app. Visit isketchnote.com to download the app

2. **Connect** the Slate to your Mac or PC via the USB cable

3. **Turn on** the Slate by sliding the central button to its top position. When the LED shines blue, your Slate is ready to use

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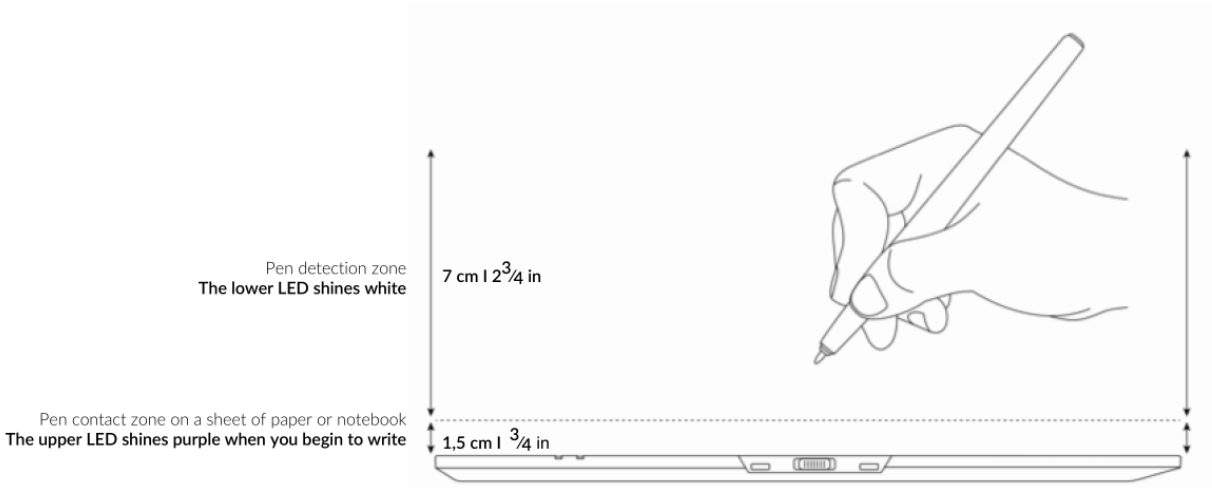
6 | Use

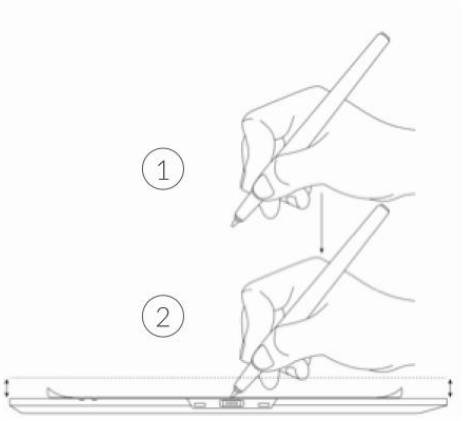
With the Slate, you can write on a single sheet of paper or a notebook (up to 1,5 centimeters I ¾ inch thick).

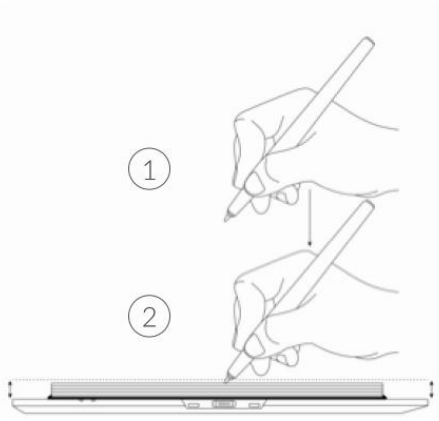


7 | Use

Before you start a new drawing or page, the Slate needs to detect the thickness of the paper you are using.

1. **Position** your hand above the Slate in the **pen detection zone**. The lower LED shines white when your pen is detected
2. **Place** the point of your pen **in the center** of your sheet of paper or notebook. The upper LED shines purple when you start writing





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1.2. Tested System Details

Equipment information:

Bluetooth LE Type:	☐ **v4.0**	☑ **v4.1**	
Frequency band:	[2400 – 2483.5] MHz		
Sub-band REC7003:	Annex 3 (a)		
Spectrum Modulation:	☑ DSSS (Tested like it)		
Number of Channel:	40		
Spacing channel:	2MHz		
Channel bandwidth:	1MHz		
Antenna Type:	☑ Integral	☐ External	☐ Dedicated
Antenna connector:	☐ Yes	☑ No	☐ Temporary for test
Transmit chains:	☑ 1		
	Single antenna		
	Gain 1: 2dBi	Gain 2: dBi	
Beam forming gain:	No		
Receiver chains	1		
Type of equipment:	☑ Stand-alone	☐ Plug-in	☐ Combined
Ad-Hoc mode:	☐ Yes	☑ No	
Adaptivity mode:	☐ Yes (Load Based)	☐ Off mode	☑ No
	Clear Channel Assessment Time:		µs
	q value for Load Based Equipment:		
Duty cycle:	☑ Continuous duty	☐ Intermittent duty	☐ 100% duty
Equipment type:	☑ Production model	☐ Pre-production model	
Type of power source:	☐ AC power supply	☐ DC power supply	☑ Battery (Lithium-Ion)

CHANNEL PLAN			
Channel	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**
Cmin: 0	2402	**Cmid: 20**	2442
1	2404	21	2444
2	2406	22	2446
3	2408	23	2448
4	2410	24	2450
5	2412	25	2452
6	2414	26	2454
7	2416	27	2456
8	2418	28	2458
9	2420	29	2460
10	2422	30	2462
11	2424	31	2464
12	2426	32	2466
13	2428	33	2468
14	2430	34	2470
15	2432	35	2472
16	2434	36	2474
17	2436	37	2476
18	2438	38	2478
19	2440	**Cmax: 39**	2480

DATA RATE		
Data Rate (Mbps)	**Modulation Type**	**Worst Case Modulation**
1	GFSK	☑

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1.3. Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.10 2013, FCC Part 15 Subpart C.
Radiated testing was performed at an antenna to EUT distance of 10 meters. During testing, all equipment's and cables were moved relative to each other in order to identify the worst case set-up.

1.4. Test facility

Tests have been performed on From August 20th to September 2nd, 2015.

This test facility has been fully described in a report and accepted by FCC as compliant with the radiated and AC line conducted test site criteria in ANSI C63.10 2013 (registration number 94821).
This test facility has also been accredited by COFRAC (French accreditation authority for European Union test lab accreditation organization) according to NF EN ISO/IEC 17025, accreditation number 1-1633 as compliant with test site criteria and competence in 47 CFR Part 15/ANSI C63.4 and EN55022/CISPR22 norms for 89/336/EEC European EMC Directive application. All pertinent data for this test facility remains unchanged.