

IRTouch Active Stylus X1

Instruction

TABLE OF CONTENTS

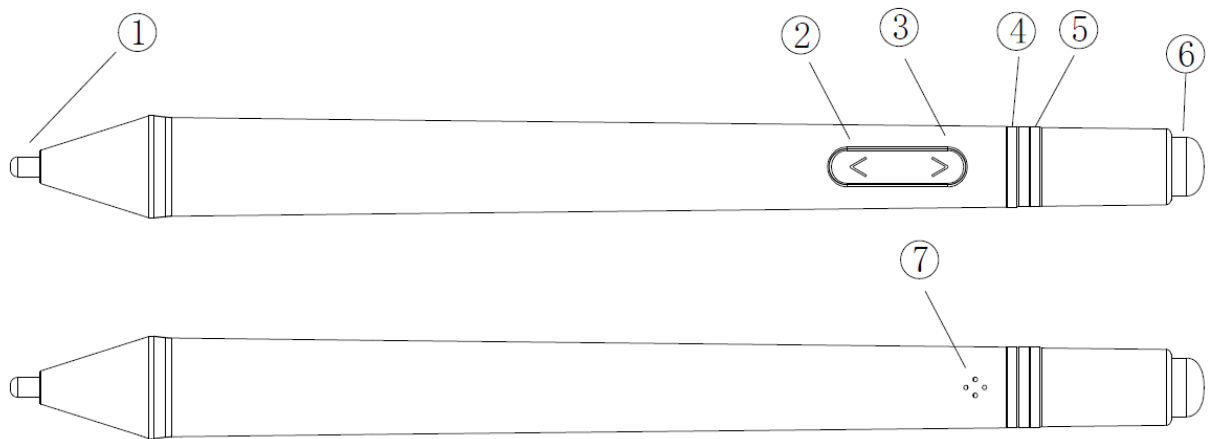
1. Product Overview	1
2. Indicator Status Statement	2
3. Factory Default	2
4. Pairing	3
5. Charging	3
6. Normal Use.....	4
7. Specification parameter.....	4
8. FCC statements.....	5

Document Revision History

Version	Date	Page	Update Details
A0		All	First release

1. Product Overview

- receiver supports plug in and play
- This product should work with MD series, support pressure sensitivity, 2 colors recognition, page up and down, palm rejection, 0 writing height and back side eraser function. Tip is replaceable.
- Stylus will enter sleep mode when it stands for 30s, move the stylus can wake it up.



Item	Description
①	Tip
②	PageDown Button
③	PageUp Button
④	Charging Ring Anode(VCC)
⑤	Charging Ring Cathode(GND)
⑥	Eraser
⑦	Indicator Light

2. Indicator Status Statement

Indicator Status	Statement
Blue Light Keeps On	Successfully connect to USB Dongle, normal working condition
Blue Light Flicker with Slow Speed	Unsuccessfully connect to USB Dongle
Red Light Keeps on	Under Pairing
Red Light Flicker 1 second	Successfully pair
Green Light Keeps On	Charging
Red Light Flicker every 3 second	Battery Capacity is Low
Purple Light Flicker with Slow Speed	Factory Default
White Light Flicker with Slow Speed	Under Upgrading
Light Off	Sleep Mode

3. Factory Default

- In order to save the power on delivery process, the stylus is set as factory default.
- When the stylus under factory default condition, people press PageDown or PageUp Button the indicator will show as Purple Light Flicker with Slow Speed and 30s will be sleep mode again. The stylus will enter normal working condition after pairing.
- If want to re-enter factory default, need to use software via PC.

4. Pairing

- Stylus need to pair then can work
- Pairing process as below

① Connect USB Dongle to PC, the operating system will automatically install related driver.

② Press PageUp and PageDown button at the same time, the indicator will turn in red light keeps on condition after 5s.

③ Make the back side of stylus be close to Dongle, indicator will turn in red light flicker with fast speed condition.

④ Release the button and quit the pairing process.



5. Charging

- Under normal use condition, indicator will turn in red light flicker every 3 second condition if battery capacity is low.
- The user needs to provide a 5 v power supply, and will power is the cathode of receiving the corresponding charging ring is negative. When successfully connect the stylus will enter to charging condition and indicator will turn in green light keeps on condition.

6. Normal Use

- Stylus will enter sleep mode when it stands for 30s, move the stylus can wake it up.
- Can press PageDown and PageUp buttons to fulfill page turning function.
- Customers can fulfill the function that pressure sensitivity, 2 colors recognition, page up and down, palm rejection, 0 writing height and back side eraser basing on TouchSDK.

7. Specification parameter

	Item	Specification
Pen	Dimension	167.0*14.3*2.8mm
	Weight	19.00g
	Pressure Level	1024Level
	Report Rate	200Hz
	Power Supply Mode	Lithium Battery
	Continuous Working Hours	> 8h
	Stand-by Time	> 5 days
	Communication Mode	2.4G
	Carrier Frequency	2402~2480MHz
	RF Power	<8 dBm
	Communication distance	Max transmission distance for pressure is 3m; Max transmission distance for button is 10m;
	Battery Type	Polymer li-ion battery
	Battery capacity	210 mAh
	Battery Nominal Voltage	3.7V
	Charging Voltage	5V
	Charge Current	300 mA
Working Temperature	-20~45℃	
Software Versioning	V1.0.14	
Dongle	Dimension	18.42*14.47*5.91mm
	Weight	1.7g
	Power Supply Mode	USB
	Operating Voltage	5V
	Operating Current	< 100 mA
	RF Power	<3 dBm
	OS Support	Driver free for Windows&Android OS
	Software Versioning	V1.0.7

8. FCC statements

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

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."