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einsteinTMTablet +

Quick Start Guide

Introduction

Introducing **einstein™ Tablet +**, an advanced, affordable Android tablet with a built-in data logger that makes science investigation easier and more exciting, both in the classroom and in the field.

einstein™ Tablet + features an intuitive and user-friendly interface that makes it easy for students to collect, interpret and understand data collected.

Other features include: data collection from 8 internal sensors and up to 8 external sensors simultaneously, sampling rates of 100,000 samples per second, Wi-Fi & Bluetooth connectivity, as well as teacher-friendly projector connectivity.

Included with the **einstein™ Tablet +** is the **MilAB™** data analysis app.

Overview



- 1 Power button
- 2 8 built-in sensors
- 3 4 external sensor ports
- 4 Front & back camera
- 5 Volume up & down

- 6 Ports:
 - USB
 - Charging
 - Earphone
 - HDMI
 - Micro SD Card

internal sensors



Light:

0-600lux, 0-6000lux,
0-150klux



Heart Rate:

0-200 bpm



Relative Humidity:

Range: 0-100%



Temperature:

-30°C to 50°C



UV:

10 W/m², 200 W/m², UV
wavelength 290-390 nm



GPS



Microphone (sound)



Accelerometer

connecting external sensors

- 1 External sensors can be added by connecting a sensor cable to **einstein™ Tablet +**. Insert the sensor cable into one of the **einstein™ Tablet +** 4 sensors ports, then, connect the other end of the sensor cable to the sensor.
Up to 8 external sensors can be added by adding a splitter cable to each port.
- 2 **einstein™ Tablet +** supports all 65 of Fourier Education's sensors, though some sensors may require an additional cable or adapter. For a complete list of sensors, please visit our website.
www.einsteinworld.com

general operation

① Charge the battery:

Connect the AC power adapter to **einstein™ Tablet +** to charge the battery. **einstein™ Tablet +** battery may not be fully charged upon first use. Use only the charging unit that comes with **einstein™ Tablet +**,

Note:

- Using an unauthorized charger may damage the tablet.
- The tablet may become warm when connected to the power adapter.

② Power on

einstein™ Tablet +:

Press and hold the Power button for a few seconds. **einstein™ Tablet +** will power on to the lock screen.

③ Micro USB connector:

The micro USB connector allows for:

- a Connecting to a computer for data transfer
- b Connecting to various accessories (keyboard, mouse etc.)

④ Micro SD card slot:

Install a micro SD card (not included) into the card reader for extra data storage. **einstein™ Tablet +** memory can accommodate up to a 32 GB micro SD card.

⑤ Volume control button:

Press the volume up and down buttons to adjust the volume of the speaker.

specifications:

Hardware	
CPU	ROCKCHIP Dual Core 1.2GHz
Screen Size	7" Capacitive (1024x600)
Camera	Front 0.3 M pixel Back 2.0 M pixel
Connectivity	
WiFi	
Bluetooth	
Memory	
Internal Memory	4GB

Ports	
AV out	HDMI 1080P
External sensor port	4 x Mini USB 8pin
Micro USB	1 port
Power Supply	
AC/DC	AC 110~240V (50/60Hz)
Battery	Li-Polymer, 5000mAh
Size	
Dimensions	L: 200.5mm W: 143mm H: 17mm
Weight	469.3 gr
Standards Compliance	
CE & FCC	

what's in the box

- 1 7" **einstein™** Tablet +
- 2 Heart Rate finger clip
- 3 AC Charging Cable
- 4 USB Data Cable
- 5 Quick Start Guide
- 6 Warranty

Get software & more Information

MultiLab™ data

analysis application can
be downloaded from

www.einsteinworld.com

MiLAB™ data analysis app
can be downloaded via the
website or  Google play.

Please visit our website, for
updates about the **einstein™**
Science Learning Platform.

Technical support

Fourier help desk:

support@einsteinworld.com

Contact information:

1-866-771-6682

(toll-free from within USA only)

1-708-478-5333

Hours of operation:

Monday - Friday,

9AM to 5PM

(UTC -06:00)



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Information to Users

According to the FCC Part 15.19, 15.21, and 15.105 rules, for this EUT, the instructions or operation manual furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

FCC RF Exposure Information and Statement

The SAR limit of USA (FCC) is 1.6W/kg averaged over one gram of tissue. Device types M70F3 (FCC ID: 2AAKDEINSX01) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use properly worn on the body is 0.1355W/kg. This device was tested for typical body-worn operations with the back of the handset kept 1.0cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.0cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

FCC WARNING

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 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.