iCHIKA
USER MANUAL

TEKTON SPACE

iCHIKA
Product Information

- 『iCHIKA』is a smart device product that aids children to form a right habit on brushing their teeth. This product is composed of tablet PC that carries game application which will guide children's brushing skills using the motion tracking data from wireless Add-on sensor that can be easily attached on ordinary tooth brush.

- A Bluetooth-linked 9-axis IMU sensor (3-axis Accelerometer, 3-axis Gyroscope, 3-axis Magnetometer) accurately tracks tooth brush's movement and position, and correct them if the children brushed in a wrong way. Guide application that includes intriguing bacteria-defeating story line along with charming characters will arouse children's interest that will guide them to form a right habit on tooth brushing.

- This product also includes an application for parents to easily check on their children's toothbrushing status using their smart phones.

iCHIKA

Product Details

- 『iCHIKA』 is composed of following products :

  - Add-On Toothbrush Sensor (ICH-01S)   - 1 pc

  - Tablet PC (ICH-01T)   - 1 pc

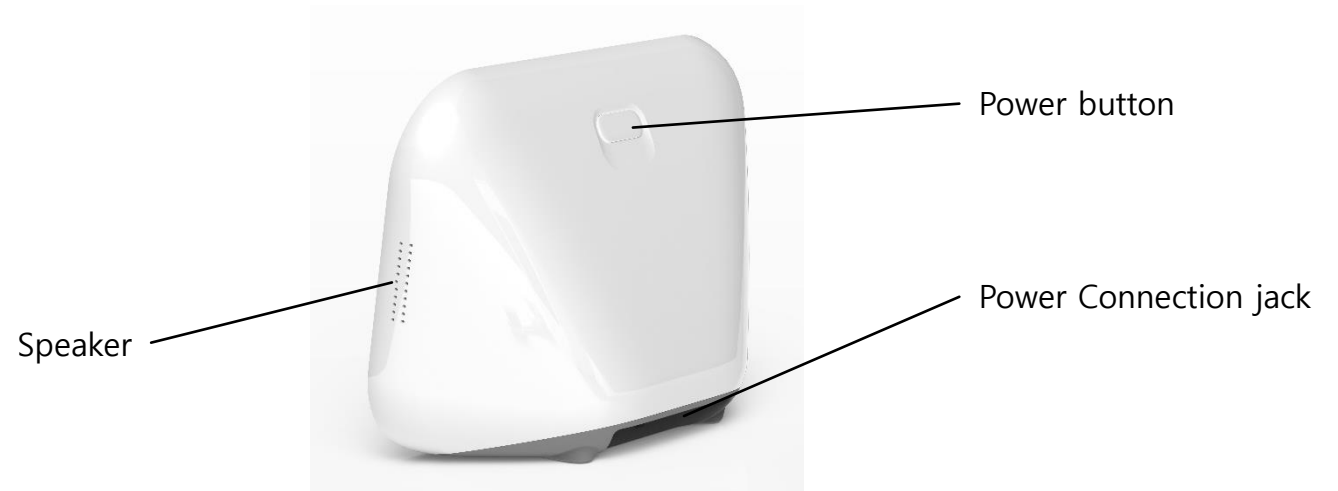 - User Manual (Ver.1.0.0)   - 1 pc
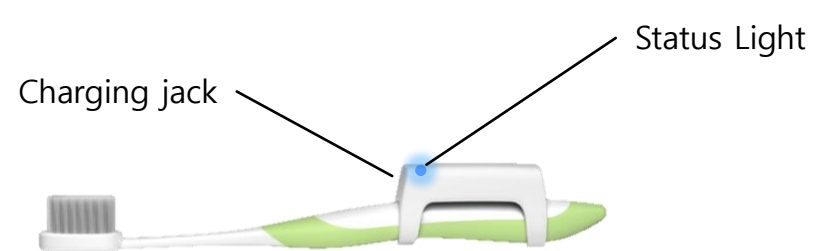
※ Toothbrush is not included

iCHIKA
Function

▪ Function of Tablet PC

Power button

Speaker

Power Connection jack

▪ Function of Sensor

Status Light

Charging jack

Color	Status
Yellow	Charging
Green	Full Battery
Blue	Connect Bluetooth
Red	No Battery

※ The Micro USB port is for charging only.

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iCHIKA

Getting Ready

- How to get ready before using 『iCHIKA』

  - Download and install parents' smart phone application from a manufacturer's website. (www.tektonspace.com)

  - Run the application and make a new account.

  - Fully charge the sensor.

  - Purchase children's toothbrush, attach the sensor to it.

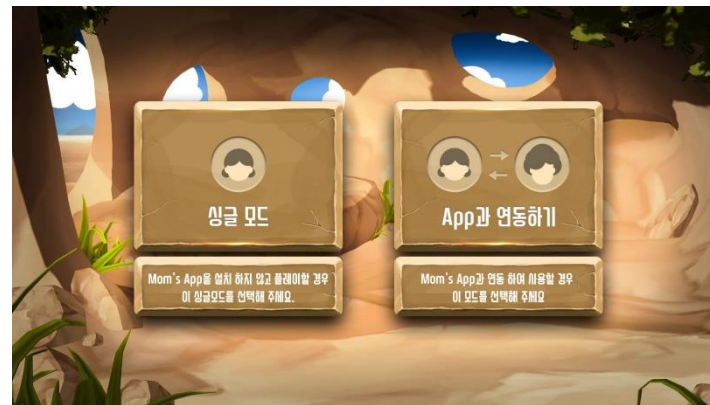 - Turn on tablet PC after connecting 5-pin charger to it.

iCHIKA
Instruction

- Instructions on using 『iCHIKA』 application (1)

- Upon running, tab 『Start』 button to begin.

- User can choose one menu from either 『Single Mode』 or 『Link to App』.

- If 『Link to App』 was selected, this application will be linked to an application that is installed on parents' smartphone device.

iCHIKA

Instruction

- Instructions on using 『iCHIKA』 application (2)

- If user has run the application for the very first time, user must choose one character from selection menu.

- There are 3 characters that can be chosen.

iCHIKA
Instruction

- Instructions on using 『iCHIKA』application (3)

- Tab the newly-created character, and pop-up menu will appear.

- User can create Character's Name on that menu.

- After naming, tab the 『Register Toothbrush』button.

- Instructions on using 『iCHIKA』 application (4)

- If the sensor is functioning correctly, the tablet PC will automatically detect the sensor and it will appear on a list in an application.

- Tab the sensor in a list and register it. (once registered, the application will store the data and automatically connect them in the future use.)

- If character was successfully created, select the character and proceed on tooth brushing.

iCHIKA
Instruction

- Instructions on using 『iCHIKA』 application (5)

- After selecting the character, A short animation will be played and Start button will appear.

- When ready, tab the Start button on the screen.

- Begin tooth brushing by following the toothbrush at the screen of tablet PC.

iCHIKA

Instruction

- Instructions on using 『iCHIKA』 application (5)

- If the guiding brush on the screen and the real toothbrush do not match, animation will be paused.

- Once done, every process ends with applauding character animation.

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The network of 『iCHIKA』 is composed of following method :

Mom's App

Kid's App

Sensor

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iCHIKA
Specification

- The product specification of 『iCHIKA』 is as follows :

Classification	Item	Detail
Common	Manufacturer	TektonSpace Corp.
	Manufacturing country	Republic of Korea
Tablet PC	Product name	iChika Tablet PC (Model : ICH-01T)
	Display	8 inch, 1920x1200 pixels, IPS
	OS	Android 6.0 (Marshmallow)
	Power	Micro USB Charge, 5V, 2.0A
Sensor	Product name	iChika Add-On Sensor (Model : ICH-01S)
	Network	Bluetooth Smart 4.2 (BLE)
	Rating	3.7V, 30mA

iCHIKA

- 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

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

iCHIKA

Product Inquiry

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