

Grush Smart Toothbrush User Guide

06,2016 V2



Figure 1. Grush gaming setup and Grush Starting Position (inserted image)

Grush Components Overview

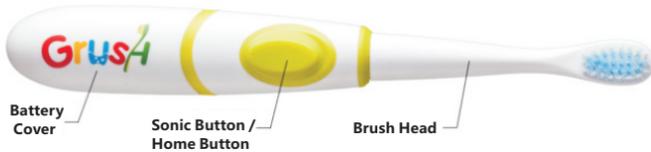


Figure 2. Grush Brush Layout Components Overview

⚠️ READ THIS FIRST

- Regardless of righthanded or lefthanded, please keep the handle of brush in line with the virtual brush when the game starts.
- Make sure Bluetooth is activated on your smartphone/tablet. If a pop up appears on your device requesting to pair with Grush, please accept.
- Each time (including the first time) you insert a new battery, the light under the button will go on. After replacement, PLEASE lay Grush down flat with the bristles facing up until the light goes off. This is a one-time calibration that only needs to be repeated when the battery is replaced / removed.
- Grush is motion activated and will turn on automatically when picked up.
- The brush motor (Sonic Vibration) can only be activated when Grush is in the starting position! The Starting position is when the Grush is held horizontal with the bristles across the two front teeth. See Figure 1 (Upper Right)
- Please look at the device game screen during brushing. Do not change the relative position of the screen. Maintain a direct level of sight to the game screen and do not move head while brushing.
The game will end automatically and exit after the brushing session is over.

Setup Instruction

01. Pull outward to remove the battery cover.



02. Insert the battery with the positive side facing out.



03. Replace battery cover firmly. Make sure there is no gap between the cover and brush body.

04. Grush turns on automatically when motion is detected. The yellow light under the button will turn on.



05. When you first use the Grush or replace the battery, the Grush must be put still on a flat surface with the bristles facing up, until the yellow light goes off. This step helps the Grush calibrate and be more accurate. During daily use, if you find the virtual brush in the game is moving slowly on its own, even if the Grush is still, repeat this step to recalibrate Grush.

06. Minimum Device Requirements: Android 4.3 smartphone or tablet. iPhone 4s and above, iPad Air/Mini and above is required.

07. Visit www.GrushGamer.com or Google Play™ or Apple App Store to download and install the "Grush Toothy Castles" game and "Grush Parental Dashboard" mobile applications.

08. Secure the device using a phone holder on a flat surface and keep head leveled while brushing.

09. Ensure that Bluetooth is enabled in your mobile device settings.

10. Launch the game "Grush Toothy Castles" Select "Play" and then "Guest" to start a new game. (See Figure 3) If you want to track brush data, please add new Grusher (Recommended), please see step 14.



Figure 3. Main Game Screen

11. Place the Grush in the starting position horizontally with the brush head across the two front teeth and the bristles facing the front teeth. This is the "Starting Position". Push the Home button, the brush will vibrate and the game will start.

* Note you must hold the brush in the starting position for the game to start. Otherwise, the motor will not start. See Figure 1 (Upper Right)

12. Now it's time to Grush! Use the Grush to control the virtual brush in the game, follow the monsters as they guide where to brush, and brush them away, as shown in Figure 4.

13. When the game is done, push the home button to turn off the motor. Lay the Grush flat on surface. The Grush will turn off automatically within one minute.

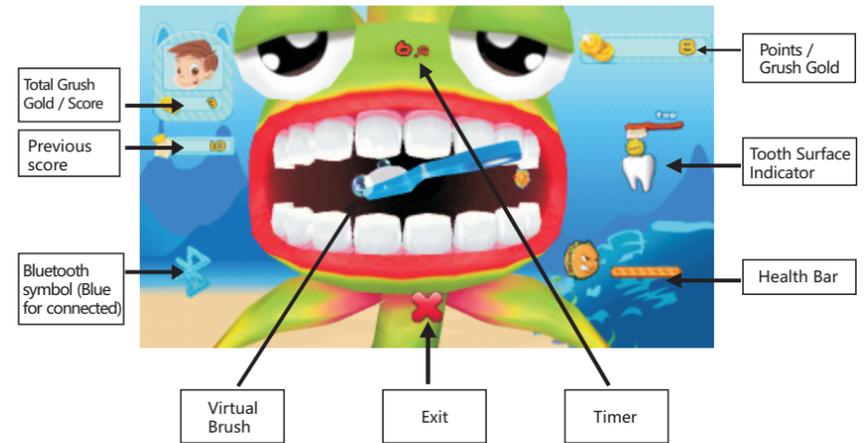


Figure 4. Game Interface

Dental Recommendations for Brushing with Grush

- Try to hold the brush horizontally while brushing to increase the brushing area and tracking accuracy.
- Brush along the surface of the teeth and follow the curvature of your mouth.
- Grush is a sonic toothbrush. Put the brush head on the tooth you want to brush. You can use short vertical strokes while brushing to increase brushing efficiency.
- Follow the monsters across the upper teeth, covering the front, sides, biting surfaces, and inside surface and using short strokes to get them. Repeat for the bottom teeth.

When the game is complete, Follow the instructions and brush your tongue. The game will shut off automatically. This is to prevent over-brushing.

14. Grush comes with a Parental Dashboard app for parents to track brushing results. After children brush under the guest account a few times, it is highly recommended to install Parental Dashboard and register the parent account. This will enable you to collect detailed brushing data and enable tracking and rewards by parents and dentists. First open the Grush Parental Dashboard and select "Register" ; Fill out all of the information, the fields marked with a red asterisk are required.



Figure 5. Parental Dashboard

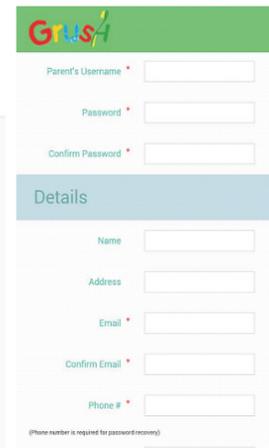


Figure 6. Registration

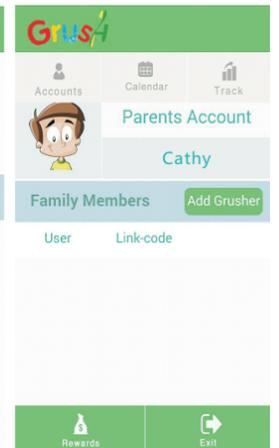


Figure 7. Accounts Page

15. Login and select "Accounts" on the upper left. Select "Add Grusher". Fill in your child's name in the text box, and push the "generate" button to create the new Grusher. Please write down the "Link Code" to the right of the Grusher's, it will be used in the Toothy Castles game to register a new Grusher in the game.

16. Open the "Toothy Castles" game and select "Play" and then "New Grusher". Select your desired avatar and gender, then click the arrow on the right to continue. In the field marked "Parent's Username", input the Username created in the Parental Dashboard App. In the "Grusher" field put in the Grusher name you just generated. Be sure to put the corresponding "Link Code" in its field as well to authorize the new user(as shown in Figure 8).

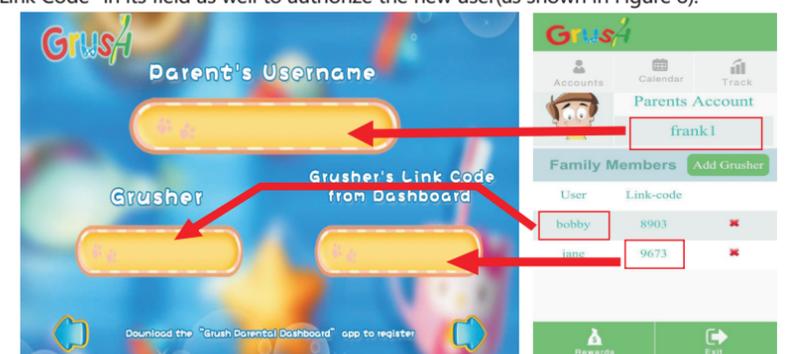


Figure 8. Adding New Grushers

17. After registration, when you launch "Grush Toothy Castles" , you can simply select this Grusher's Avatar when brushing. You can track brushing behavior. Add additional Grushers as needed. Repeat step 15 to add additional Grushers.

Grush Parental Dashboard Instructions

Parents can use the Grush Parental Dashboard to track brushing. See steps 14-15 for registration.

- There are three main sections in the Parental Dashboard: "Accounts", "Calendar", and "Track". As explained in Step 14, the "Accounts" tab is for adding new Grushers.
- In the "Calendar" tab, basic brushing is shown. Select a date to check if the child has brushed, and when, the medal will correspond with how well they did, Gold, Silver, or Bronze. (see Figure 9)
- In the "Track" tab, there are three items: "Reports", "Details", and "Device". (see Figure 10)

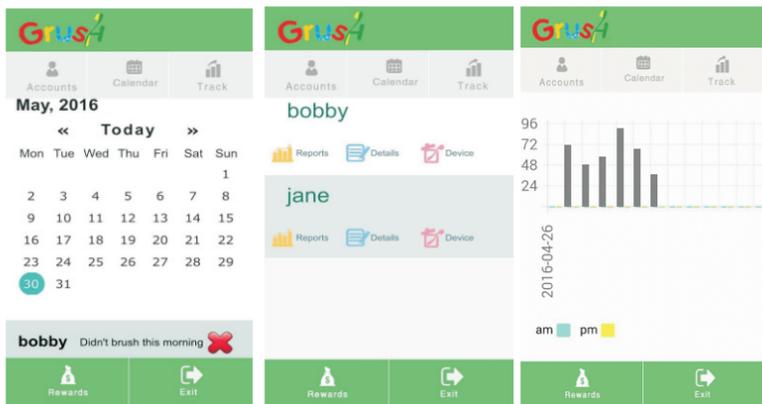


Figure 9. Calendar

Figure 10. Detail Page

Figure 11. Reports

- Click on Reports page to review brushing data. (see Figure 11)
- The "Details" page accurately displays brushing data for each every tooth. This data is for the previous brushing session. If you check in the morning, it will show data for yesterday afternoon. Brushing data is shown in the color coded brushing data map. Green areas are the regions being properly brushed. Yellow areas are the teeth that need more brushing. Red areas are problematic and require more attention. Parents should remind children to pay more attention to brushing the red areas. See the chart below for the international tooth naming standard used by Grush.

	A	B	C	D	E	F	G	H	I	J	
Outside	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Inside	Red	Green	Green	Yellow	Green						
Biting	Green	Green	Green	Black	Black	Black	Black	Black	Black	Black	Red
Biting	Red	Red	Red	Black	Black	Black	Black	Black	Black	Black	Green
Inside	Yellow	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Red
Outside	Green	Green	Red	Green	Green	Green	Green	Green	Green	Green	Green
	K	L	M	N	O	P	Q	R	S	T	

Figure 12. Detailed Brushing Data

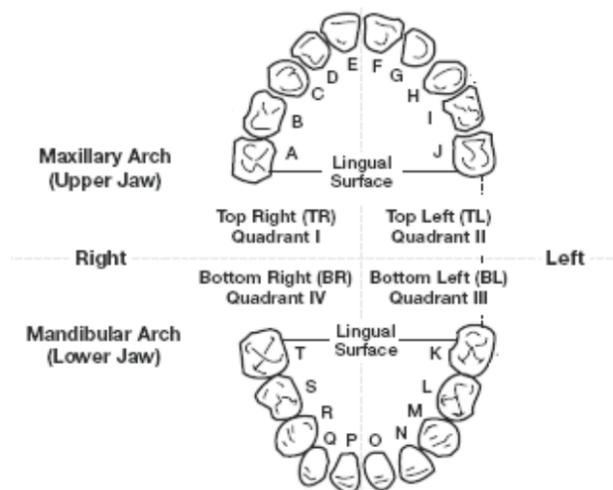


Figure 13. Baby Teeth Chart

- The "Device" page, shows brush head and battery life. Please go to www.grushgamer.com to order replacement brush heads. When the battery is low, please replace the AAA battery. Please repeat Step 5 whenever the battery is replaced. Push "reset" after replacing either to reset the estimated lifetime of the brush head or battery.
- In the "Rewards" page, you can send love notes directly to Grusher's game screen. You can also use Grush gold to reward encourage and reward Grushers for proper brushing.

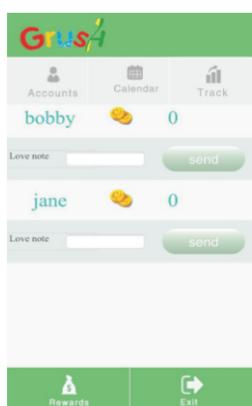


Figure 14. Reward and Love Note

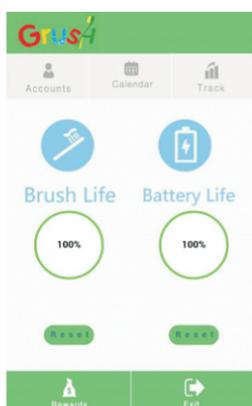


Figure 15. Device

Additional Notes

Grush Package Contents

- Grush Smart Toothbrush
- 3 DuPont Nylon bristle Brush heads (lasts three months each)
- AAA Battery
- User Manual



Figure 16. Grush Package

Bluetooth Connection Tips

- Grush uses the latest Bluetooth standard (BLE Bluetooth Low-Energy, Bluetooth SMART, BT4.0). Compatible mobile devices include those with Android 4.3 and above, iPad Air/Mini and above, and iPhone 4s and above.
 - Make sure Bluetooth is turned on in your device settings.

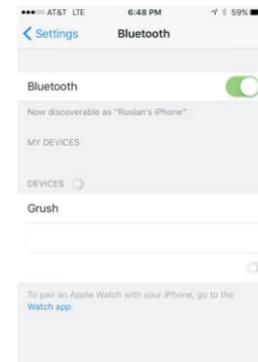


Figure 17. Bluetooth Connection

- Depending on the mobile device type, if you search for nearby Bluetooth devices, you should be able to see Grush and pair with it directly. If Grush does not show up on your device, skip to the next step.
 - Start the Grush Toothy Castles game. At the game screen, the game will instruct you to hold the brush in the Starting Position, which is horizontal with the brush head across the two front teeth, and then push the button. Once you push the button, you should notice the Bluetooth icon on the lower left will turn blue and the game is now able to be played with the Grush.
- You may need to pair the Grush through a pop-up screen or by checking the pull down notification menu on your Android phone for pairing alerts. If you still cannot connect, please try the following:
 - Close all programs running in the background.
 - Turn off, and re-enable Bluetooth in your mobile device settings.
 - Restart your phone to clear the Bluetooth device cache.
 - Reinsert the battery into the Grush. Please repeat step 5 by putting Grush flat with bristle up on stable surface until the light turns off, and retry.
 - Sometime, although the Bluetooth is connected, Grush start cannot the game. Please close all running apps. This can be done by pushing the "recent apps" or "overview" button and swiping the apps closed.

- "Grush is off" message during game
 - Grush will go to sleep after 20 seconds of no motion, make sure to move the Grush, and push the button from the starting position so it wakes up. If a game has already been started, after waking up the Grush push the red "X" at the bottom of the screen to restart the game with the Grush in the starting position.

If you still get "Grush is off" message, even though the Grush is on with the LED light active, make sure to check the notifications drawer of your Android phone and see if there is an alert asking you to pair the Grush.



Figure 18. Error Message when Bluetooth disconnected

Replacing the brush head

Grush comes with three replaceable brush heads. Dentists recommend you replace your brush head once every three months. To replace, hold the handle of the Grush with one hand and twist the brush head counterclockwise to remove. You can now install the new brush head. You may want to replace the AAA battery at this same time since the battery lasts about three months as well.

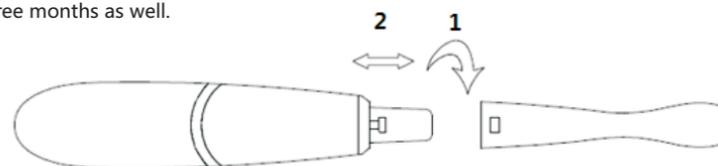


Figure 19. Replace Brush Head

Helpful Tips

- Please recycle used battery properly.
- When replacing the battery, be sure to install the battery cover back tightly to avoid water damage.
- Properly install battery.

Contact

Company name: Grush, Inc.
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 Website: www.GrushGamer.com
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