ABOUT THIS MANUAL

Thank you for getting the Boogie Board™ Sync 9.7 LCD eWriter. This manual will help you with the Boogie Board Sync eWriter hardware. Improv Electronics welcomes your feedback on the Boogie Board Sync eWriter and on this user manual. Please send comments, questions and suggestions to:

improv.support@kentdisplays.com

For support, software downloads, and to register your Boogie Board Sync eWriter, go to:

http://improvelectronics.com/support

The Boogie Board Sync eWriter continues to improve. Therefore, some changes and features may not be covered in this manual.
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ABOUT YOUR BOOGIE BOARD
SYNC 9.7 LCD EWRI TER
Welcome to your Boogie Board Sync 9.7 eWriter (Model WT13106), the latest evolution in eWriter technology. Now you can digitally create page after page of notes and drawings without sacrificing the writing experience. The Boogie Board Sync 9.7 eWriter saves your images and transfers the information through your computer’s USB port or wirelessly through Bluetooth to your phone, tablet or computer. And that’s just the beginning.

Please take a moment to visit our Product Registration website to register the warranty for your Boogie Board Sync 9.7 eWriter: [http://improvelectronics.com/support/boogie-board-product-registration.html](http://improvelectronics.com/support/boogie-board-product-registration.html)

### System Requirements

A computer with a USB port and one of the following two operating systems:

- Mac OSX 10.8 or higher
- Windows (Vista, 7, 8)

### What’s in the Box

- **A** Boogie Board Sync 9.7 eWriter
- **B** Sync Stylus
- **C** Micro USB Cable
- **D** Quick Start Guide
PRODUCT FEATURES

A 9.7” LCD screen with pressure-sensitive digitizer
B Bluetooth Indicator
C Status Indicator
D Erase Button
E Save Button
F Stylus
G Mouse Mode Function*
   *for use in digitizer mode, see page 13
H Power Button
I Charging Indicator
J Micro USB Port (cable included)

ACCESSORIES

Carry and protect your Boogie Board Sync eWriter in style with the Sync Folio. The Sync Folio protects your Boogie Board Sync eWriter and eliminates accidental screen marks. The stylish design is perfect for the office, classroom, or around town.
TECHNICAL SPECIFICATIONS

Dimensions
Product Size: 283mm x 190 x 11 (11.1in x 7.5 x 0.4)
LCD Size: 241mm (9.5in)

Weight
Product Weight: 312g (11oz)

On-Board Memory
Capacity: ~1000 PDF files

Connectivity
Bluetooth 2.1+ EDR
• Airplane mode: Power on while holding erase button
• Bluetooth® Pairing mode: Power on while holding save button
Micro-USB Port

Power
On/Off Button
Up to one week of typical use on a single charge
Sleep mode: after 1 hour of inactivity

Color
Black with orange accents

Compatibility
Mac OSX 10.8 or higher
Windows (Vista, 7, 8)
Android and iOS (mobile app)

Storage
Storage Temperature: Store between -10° C to 65° C (15° F and 145° F)
Operating Temperature: Operate between 10° C and 40° C (50° F and 100° F)
USING YOUR BOOGIE BOARD
SYNC 9.7 LCD EWRITER
SETTING UP

Charging

**IMPORTANT:**
Charge your Boogie Board Sync eWriter for four hours before first use. A full charge will last approximately one week under normal use.

1. Remove the Boogie Board Sync eWriter and micro USB cable.

2. Connect the micro end of the USB cable to the micro USB port on the bottom of your Boogie Board Sync eWriter.

3. Connect the USB A (larger) end of the micro USB cable into an available USB port on a properly charged external device (tablet or computer).

4. When the Boogie Board Sync eWriter is connected and charging, you will see two lights:
   - The charging indicator light next to the micro USB port on the Boogie Board Sync eWriter will appear **RED**. This light will turn **OFF** when the Sync is fully charged.
   - The status indicator light next to the erase button on the front of the Boogie Board Sync eWriter will appear **RED**. This indicates that the Boogie Board Sync eWriter is not recording onto the Boogie Board Sync eWriter’s internal memory.

5. Disconnect the micro USB cable from your external device and Boogie Board Sync eWriter. Your Boogie Board Sync eWriter is now ready to use.

It is suggested to charge your Boogie Board Sync eWriter when the Status Indicator light appears yellow or red. See page 16 for an indicator light chart.
Pairing Your Boogie Board Sync eWriter to a Bluetooth Device

1. Turn on your Bluetooth-enabled external device (e.g., smartphone, laptop, tablet, etc.) and go to the device’s Bluetooth settings.

2. Make sure your Boogie Board Sync eWriter is turned off. While the Boogie Board Sync eWriter is off, first press the SAVE button and then simultaneously press the POWER button. This causes the Boogie Board Sync eWriter to enter pairing mode and become discoverable.

3. Once your Bluetooth-enabled device discovers the Boogie Board Sync eWriter, you can pair to the Boogie Board Sync eWriter. The Boogie Board Sync eWriter Bluetooth indicator will flash BLUE three times when it is paired and connected with your Bluetooth device.

To disable Bluetooth connectivity: Turn off the Boogie Board Sync eWriter, and then press the ERASE button while simultaneously pressing the POWER button. Bluetooth may need to be disabled on airplanes and other environments (e.g., hospitals).

Writing and Drawing on Your Boogie Board Sync eWriter

1. To write or draw, use the Sync Stylus just as you would use pen on paper. The status indicator blinks once to indicate that the Boogie Board Sync eWriter’s digitizer recognizes the Sync Stylus. Additional writing and drawing features are available with the free Sync Virtual Desktop Companion (VDC) software at: http://improvelectronics.com/support/downloads/

IMPORTANT:
Only use the Sync Stylus to write or draw on your Boogie Board Sync eWriter. You do not need to be connected to a computer or Bluetooth device while using the Boogie Board Sync eWriter for it to function.

IMPORTANT:
DO NOT use the Boogie Board Sync eWriter near a magnet, as the magnet can interfere with digitizer functioning. The magnet WILL NOT affect the Boogie Board Sync eWriter memory, so files saved on the Boogie Board Sync eWriter won’t get erased if you place your Boogie Board Sync eWriter near a magnet.
SAVING AND ERASING

Saving Your Image

1. To save an image, press and release the **SAVE** button. This saves everything on the Boogie Board Sync eWriter’s LCD (surface) to its internal memory. The status indicator will flash rapidly while your image is being saved, and return to a solid light after it is finished.

   You must use the Sync Stylus for your images to save on the Boogie Board Sync eWriter. Marks on the Boogie Board Sync eWriter’s surface created with something other than the Sync Stylus will not show up in the saved file.

Erasing Your Image

1. To erase an image created on your Sync, press the **ERASE** button. This clears the Boogie Board Sync eWriter’s surface. The status indicator will turn **RED** and the Boogie Board Sync eWriter’s surface will flash rapidly while the image is being cleared. If the image does not clear, check to see if the Boogie Board Sync eWriter is powered on.

Hit the erase button too soon? Erase DOES NOT mean “delete” – pressing the erase button clears the Boogie Board Sync eWriter’s surface, but your image is saved in the “Erased” folder in the Boogie Board Sync eWriter’s internal memory. Connect your Boogie Board Sync eWriter to a computer to access the Boogie Board Sync eWriter’s memory and recover your erased image. See page 12 for more information on accessing files on your Boogie Board Sync eWriter.
1. Connect your Boogie Board Sync eWriter to your desktop or laptop computer using the USB cable.

2. Open the Sync folder to view your Saved and Erased folders. Saved and erased files will show up as a list of PDF files.

3. From here you can delete or move files as you would normally from a mass storage device.

**IMPORTANT:**
Files deleted off of your Boogie Board Sync eWriter are **PERMANENTLY** deleted — the Boogie Board Sync eWriter does not have a “trash” or “recycle” bin for electronic files.
DIGITIZER MODE

To operate the Boogie Board Sync eWriter in “digitizer mode” - which allows you to use your Sync Stylus to control your cursor as a mouse or input device - first download the Sync Virtual Desktop Companion (VDC) software from our website: http://improvelectronics.com/support/downloads/

After installing the Sync VDC, select the Sync icon that appears in your computer’s menu bar and select "Digitizer Mode” to switch from the default “VDC mode." Move the Sync Stylus close to, but NOT IN CONTACT with (i.e., hovering over) the Boogie Board Sync eWriter drawing surface.

To select a button or feature on your computer, touch the stylus to the Boogie Board Sync eWriter drawing surface to create the equivalent of a mouse “left click.” A “right click” is produced instead of a “left click” by holding in the button on the Sync Stylus when touching the Sync Stylus to the drawing surface.

CARE AND MAINTENANCE

Store your Boogie Board Sync eWriter in an upright or flat position (just ensure there is nothing else lying on top of the surface.) Always store your Boogie Board Sync eWriter with the Sync Stylus docked.

Treat your Boogie Board Sync eWriter like any electronic device. Do not store or use it extreme temperatures or humidity. See the Technical Specifications on page 7 for additional information.
SUPPORT
## Troubleshooting

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>SOLUTION</th>
</tr>
</thead>
</table>
| My Boogie Board Sync is unresponsive. What should I do?   | 1. Press the Power Button to turn off/on  
2. Connect your USB cable to make sure your Boogie Board Sync eWriter is fully charged (see page 9)  
3. Turn the Boogie Board Sync eWriter over and locate the reset button. Using a blunt pin or another small object, push the button. |
| My notes and drawings are not being saved to the device memory. | 1. Ensure that you are writing with the provided Sync Stylus – status indicator should be blinking green when the pen touches the Boogie Board Sync eWriter.  
2. Ensure that you are pressing the save button to physically save the file to memory after you complete your drawing and BEFORE you erase Image.  
3. Ensure that the device is charged.  
4. Ensure that the device's memory is not full (which would cause the status indicator to flash red when writing).  
5. Ensure that the device is not connected to your computer by the micro USB cable, which disables the ability to save. You’re able to save if the device is wirelessly connected.  
6. Reset on back – This will not cause you to lose data. |
| I’m plugged in but nothing appears on my computer when I write on my Boogie Board Sync eWriter. | You first need to download and launch the Sync Virtual Download Companion (VDC) from our website: [http://www.improvelectronics.com/support/downloads/](http://www.improvelectronics.com/support/downloads/) |

Still need help?  
Visit [http://improvelectronics.com/support](http://improvelectronics.com/support) for additional assistance.

## Returns and Warranty Information

### One-Year Limited Warranty

Improv Electronics warrants all Products (including accessories) against manufacturing defects in materials and workmanship under normal consumer use for one year from the date of original retail purchase.

For more information on returns and warranty, please visit: [http://improvelectronics.com/support/boogie-board-returns-warranty.html](http://improvelectronics.com/support/boogie-board-returns-warranty.html)
## INDICATOR LIGHT CHART

<table>
<thead>
<tr>
<th>INDICATOR</th>
<th>LOCATION</th>
<th>COLOR</th>
<th>PATTERN</th>
<th>WHAT IT MEANS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charging indicator</td>
<td>Bottom of the Sync, next to micro USB port</td>
<td>Red</td>
<td>Solid light</td>
<td>The Boogie Board Sync eWriter is charging</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No color</td>
<td>No color</td>
<td>The Boogie Board Sync eWriter is not charging (it is unplugged or is fully charged)</td>
</tr>
</tbody>
</table>
| Status indicator   | Left side of the front of the Sync, next to the erase button | Red     | Flashing         | The Boogie Board Sync eWriter is going to run out of memory.  
1. Stop writing  
2. Access the Boogie Board Sync eWriter wirelessly or via micro USB cable to Connected External Device  
3. Delete or move files from your Boogie Board Sync eWriter to free up internal memory space  
NOTE: Files deleted off of your Boogie Board Sync eWriter are PERMANENTLY deleted – the Boogie Board Sync eWriter DOES NOT have a “trash” or “recycle” bin for electronic files. |
|                    |                                               | Red     | Solid            | The Boogie Board Sync eWriter is not recording because: Erase in process; connected via USB cable; digitizer mode is active; Boogie Board Sync eWriter disk is full; Boogie Board Sync eWriter powering off |
|                    |                                               | Yellow  | Solid            | The Boogie Board Sync eWriter charge is low. It’s best to save your work, turn off the Boogie Board Sync eWriter, and plug in the micro USB cable to begin charging.                                                  |
|                    |                                               | Green   | Solid            | Boogie Board Sync eWriter is recording and charged                                                                                                                                                           |
| Red/               | A single blink                                |         |                  | When the Sync Stylus comes in contact with the LCD surface, a single blink means the Boogie Board Sync eWriter recognizes the Sync Stylus and is saving the data from the pen strokes.  
NOTE: If you notice that the light DOES NOT blink when you touch the screen with your Sync Stylus, you will still see the image on your tablet but the Boogie Board Sync eWriter IS NOT SAVING your image. Verify your Sync Stylus is in working order or contact us to replace. |
<p>| Yellow/Green       |                                               |         |                  | When you press the “Save” button, flashing indicates the Boogie Board Sync eWriter is saving your image to the internal memory.                                                                           |
| No color           |                                               | No color|                  | The Boogie Board Sync eWriter is off. Press the power button to turn on.                                                                                                                                   |</p>
<table>
<thead>
<tr>
<th>Bluetooth status indicator</th>
<th>Left side of the front of the Sync, next to the status indicator</th>
<th>Blue</th>
<th>Solid</th>
<th>Boogie Board Sync eWriter is in Bluetooth pairing mode.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Blue</td>
<td>Flashing, five seconds apart</td>
<td>Boogie Board Sync eWriter is paired and connected with an external Bluetooth device.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Blue</td>
<td>Flashing, ten seconds apart</td>
<td>Boogie Board Sync eWriter’s Bluetooth radio is on, but not connected to an external Bluetooth device.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Blue</td>
<td>Three flashes in rapid succession</td>
<td>A Bluetooth connection has been made</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Blue</td>
<td>Irregular flashing</td>
<td>Bluetooth file transfer activity is occurring</td>
</tr>
<tr>
<td>No color while Sync is on</td>
<td></td>
<td>No color</td>
<td></td>
<td>Boogie Board Sync eWriter is in “Bluetooth inactive mode” for use on airplanes, hospitals or other settings where Bluetooth must be deactivated. You can still write on and save your work to the Boogie Board Sync eWriter’s internal memory.</td>
</tr>
</tbody>
</table>
APPENDIX
## TERMINOLOGY IN THIS MANUAL

<table>
<thead>
<tr>
<th>TERM</th>
<th>DEFINITION</th>
<th>EXAMPLES</th>
</tr>
</thead>
</table>
| Connected External Device   | Any "smart" technology that can physically and/or wirelessly access the Boogie Board Sync eWriter internal memory | The Boogie Board Sync eWriter can connect with:  
  • Apple products (iPhone, iPad, Mac)  
  • PC desktops/laptops/tablets  
  • Android devices |
| Sync Stylus                 | A customized writing tool designed to work with the Boogie Board Sync eWriter | The Sync Stylus enclosed with your Boogie Board Sync eWriter — for an example see page 6 |
| Bluetooth                   | A standard for wireless connection of electronic devices                    | The Boogie Board Sync eWriter is compatible with the Bluetooth 2.1+ EDR (Enhanced Data Rate) standard |
ATTRIBUTIONS

Boogie Board™ Sync 9.7 LCD eWriter
User Manual
Hardware
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