



baby Bird Rechargeable User's Guide

Thank you for purchasing baby Bird Rechargeable, your personal, portable, and Bluetooth-programmable scrolling LED sign from Blue Corvus. We think you're going to love it!

Hardware Features of baby Bird Rechargeable:

32x8 LED Display (256 dots), capable of scrolling text in multiple languages

Bluetooth Low Energy-enabled ARM controller for 100% wireless programming and control

Tested up to 300-foot range

Powered by either 3 AA batteries (alkaline or rechargeable nickel metal hydride) or via the micro USB power port.

Heavy-gauge ABS plastic housing for durability and heat/cold resistance

Brass threaded insert on top of housing for attaching the included windshield suction cup mount

Included baby Bird Rechargeable Visor for those extra sunny days (baby Bird Rechargeable wears it, not you)

Software features of the baby Bird App:

Android support; iOS support coming soon!

20 programmable and reprogrammable messages of ridiculously long length – up to 260,000 total characters

Messages are retained on baby Bird Rechargeable until reprogrammed

Voice-to-text input compatible

Bluetooth Low Energy for programming and control of baby Bird Rechargeable

16 levels of brightness – from “It won't wake the baby” to retinal-searing. Readable up to 85 feet in bright sunlight, using the included baby Bird Rechargeable sun visor.

32 different scrolling speeds

Display “LED window” at the top of the app's remote control screen to show the user the message that is currently scrolling on baby Bird Rechargeable's LED display.

Mirror mode – allows the driver in the car in front of you to read your front-facing message in their rearview mirror.

Choose to have baby Bird Rechargeable scroll your message once, twice, three times, forever, or any number of minutes between 1 and 60.

Party Mode plays each programmed message in succession in a continuous loop.

Each of the user's devices (tablet(s), mobile phone(s)...) will have its own set of messages stored on each device.

The user's baby Bird Rechargeable will not be accessible by another copy of the app without the user's permission. No baby Bird bombing allowed.

****ATTENTION****

Before we get started, a note to keep your baby Bird Rechargeable happy and healthy: if you plan on leaving your baby Bird Rechargeable inside a hot vehicle, please store it in the glove compartment out of the heat of the sunlight. Neglecting to do so can permanently deform your baby Bird Rechargeable's enclosure, making for a less-than-optimal experience. By following this simple care plan, you should get years of service out of your baby Bird Rechargeable!

OK, *now* let's get started!

Battery Activation

Your baby Bird Rechargeable's included lithium ion battery is shipped pre-charged and already installed, because we know you want to get up-and-running as quickly as possible.

****Please read the whole "Battery Activation" and "Bluetooth Pairing Between baby Bird Rechargeable and Your Device" sections, before you remove the battery shipping strip. ****

If you want to open the battery door for baby Bird Rechargeable, gently press the battery door latch in and up.



Your battery is installed as shown below. **Important! It is critical that you keep the battery installed as shown, with the text right-side up, as you face baby Bird Rechargeable. If you remove the battery and reinstall it backwards, it will permanently damage your Bird Rechargeable.**



Once you have read the “Battery Activation” and “Bluetooth Pairing Between baby Bird Rechargeable and Your Device” sections and are ready to Bluetooth pair your baby Bird Rechargeable with your phone or tablet for the first time, gently pull on the battery shipping strip to remove it, pointed to by the red arrow in the picture below.



Once removed, power will be applied, and the welcome message will scroll.



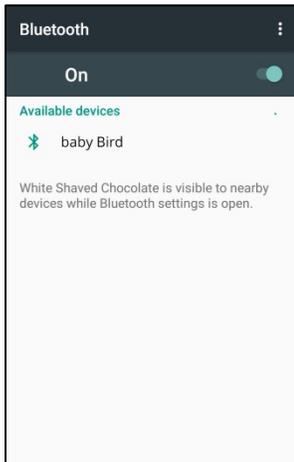
Move quickly to the next section, “Bluetooth Pairing Between baby Bird Rechargeable and Your Device”, because you will have only 30 seconds to pair your Bird Rechargeable to your phone or tablet.

Bluetooth Pairing Between baby Bird Rechargeable and Your Device

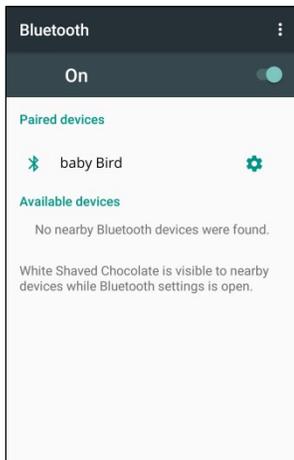
Android

If you will be running the baby Bird Rechargeable app on an Android device, you will need to initiate a Bluetooth pair within 30 seconds of applying power to your baby Bird Rechargeable. This is a security feature, so that nobody can pair with your baby Bird Rechargeable without your permission.

During your Bluetooth scan for new devices, “baby Bird” will appear as one of the Available Devices.



Touch on “baby Bird” to pair your device to baby Bird Rechargeable. Confirm that “baby Bird” then appears as one of your Paired Devices.



If you don't initiate the Bluetooth pair within 30 seconds of applying power, and “baby Bird” does not appear as an Available Device, simply remove and reinsert the battery to baby Bird Rechargeable and repeat the pairing process.

This process only needs to be done the first time you power up your baby Bird Rechargeable.

Apple iOS

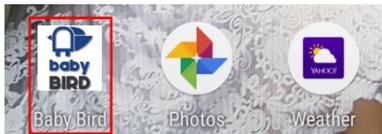
The process for pairing baby Bird Rechargeable with your Apple device is different than for Android. Within 30 seconds of applying power to your baby Bird Rechargeable, you will need to launch the “Blue Corvus baby Bird Rechargeable” app that you have downloaded from the Apple App Store. This is a security feature, so that nobody can pair with your baby Bird Rechargeable without your permission. After the splash screen, the baby Bird Rechargeable Messages screen appears, and then a Bluetooth Pairing Request window will pop up.



Press the “Pair” button to complete the Bluetooth pairing. This process only needs to be done the first time you power up your baby Bird Rechargeable.

baby Bird Rechargeable App

Alright, let’s get you familiar with the baby Bird Rechargeable app. After you have installed either the Android version of the app from the Google Play Store or the iOS version of the app from the Apple App Store, touch the baby Bird Rechargeable icon to launch.



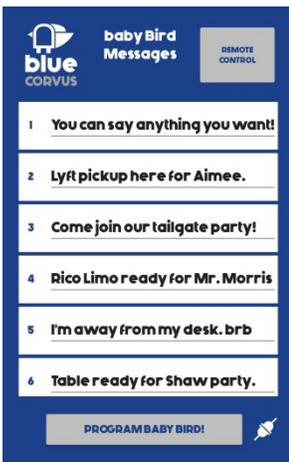
You will then see the baby Bird splash screen, as the app loads.



Once the app has loaded, you will be greeted by the baby Bird Messages screen. While your device is establishing the Bluetooth Low Energy connection with baby Bird Rechargeable, the scanning icon in the lower right-hand corner will spin.



When the Bluetooth connection is established, the connected icon will appear, and you will be able to input messages, program your baby Bird Rechargeable, or switch to the remote control screen.



There are 20 message slots available, and each message can be of any length, limited only by baby Bird Rechargeable's free memory (about 260,000 characters).

Input your messages through your device's touch keyboard or by using voice-to-text input.

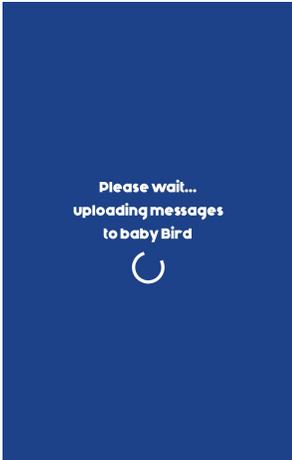
A note of caution: please do not operate your baby Bird Rechargeable while driving! Blue Corvus does not condone this practice! Your safety is important to us. If you are using baby Bird Rechargeable in your vehicle, please have a passenger control your baby Bird Rechargeable.

Sweep your finger up or down in the messages input window area to access all 20 message slots.

Once you have finished the input of all of your messages, press the “Program baby Bird Rechargeable!” button on the screen.



The screen below will display, while baby Bird Rechargeable is being programmed:



The amount of time it takes for your messages to upload will depend on the number of characters getting programmed.

Once your messages have made their way to your baby Bird Rechargeable, the app will return to the Program Messages screen. From there, you may input new messages, program your baby Bird Rechargeable again, or switch to the remote control screen.

Remote Control

From the Program Messages screen, touch the Remote Control button to access the remote control screen and its features.



Selecting Message to Display

To select and scroll any of the messages 1-10, simply touch the corresponding number on the screen: touching the “1” button instantly starts displaying the message you have programmed into the Message 1 slot on the Messages page, touching “2” displays Message 2, etc.

The app's "LED display" will start scrolling the selected message to assure you that you are scrolling the message you want.



To display any of the messages between 11 and 20, touch the "11-20" button on the Remote Control page.



This will immediately take you to the screen that allows you to display Messages 11 through 20 by touching the corresponding message button.



If you wish to go back to the screen that selects and plays Messages 1 through 10, just touch the "1-10" button.



Speed:

To change the scrolling speed of your baby Bird Rechargeable, select the Speed button.



This will take you to the Adjust Speed screen. From here, use your finger to move the slider and change the scrolling speed from a snail's pace to breakneck fast:



Selecting "OK" will bring you back to the Remote Control screen.

Banner Mode

There are instances when you might want to have your message freeze on the display, instead of scrolling. If you slide the Scrolling Speed all the way down to "1", the next time you play back a message, baby Bird Rechargeable will start scrolling. When it reaches the end of the message, it will freeze the display. This is useful if you have a short message or logo that you want to be displayed.

Make sure you adjust your Repetition Count of Message/Timer page settings to reflect how long you want your message to display (see page 9). The Continuous setting will keep your message or logo lit up until you turn it off. You can also use the Display Timer to have your Banner Mode message active for a set number of minutes before shutting off.

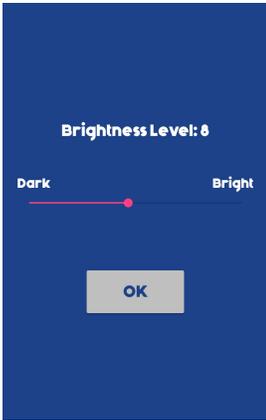
Note: if using baby Bird Rechargeable in Banner Mode, Party Mode (explained on page 10) does not work. If Party Mode is selected, baby Bird Rechargeable will display and freeze the lowest-numbered message in your list and keep it displayed, until you switch out of Banner Mode or turn baby Bird Rechargeable off with the power button.

Brightness:

To change the brightness level of your baby Bird Rechargeable's display, select the Display button.



This will take you to the Brightness Level screen. From here, use your finger to move the Brightness Level slider and change the display brightness from “it won’t wake the baby” to “retinal-searing.”



Selecting “OK” will bring you back to the Remote Control screen.

Repetition Count of Message/Timer Function

Select the timer button to set the number of iterations/length of time you want to scroll your message.



This will take you to the following screen:



From here, you can choose to have your message scroll once, twice, or 3 times, before baby Bird Rechargeable goes into sleep mode. You can also select “CONTINUOUS”, which will keep your baby Bird Rechargeable’s message scrolling over and over. Once you make your selection, you will be brought back to the Remote Control screen.

If, instead, you want to have your message scroll for a set number of minutes between 1 and 60, use the “Display Timer” option.



Use your finger to drag the slider, which sets the minute count to your choosing. Then select the “OK” button. In the example below, baby Bird Rechargeable will scroll your message (or messages, if in Party Mode) for 16 minutes and then go into sleep mode.



Party! Mode

A special feature of baby Bird Rechargeable is Party! Mode. When this option is selected on the Repetition Count of Message Page, baby Bird Rechargeable will immediately start scrolling all of your messages in continuous succession, starting with the lowest-numbered message and ending with your highest-numbered message. For example, if you have a message in slots 2, 3, 4, 8, and 12, baby Bird Rechargeable would scroll message 2, then 3, then 4, then 8, then 12, then back to 2, and 3, etc.

Party Mode can be useful if you normally have several messages you want to continuously display and just want to change one or two messages.

Mirror Mode

If you want to have your messages scroll so that they can be read in a mirror (for example, baby Bird Rechargeable is mounted in the front windshield of your car, so that the person in front of you can read your message in their rearview mirror), you may choose the Mirror Mode in the baby Bird Rechargeable app.



When Mirror Mode is selected, the popup window below is presented:



If you choose “Yes”, the window will close, and the next time a message is selected for display, it will scroll in mirror mode. Choosing “No” allows for normally-displayed messages, and “CANCEL” exits the Mirror Mode function with no change.

Power

To place your baby Bird Rechargeable into sleep mode at any time, just touch the power button. Note that anytime baby Bird Rechargeable is not scrolling a message, it automatically goes into sleep mode.



Message Feedback Window

Since there are many times your baby Bird Rechargeable might not be facing you (think back or front windshield), the app provides a message feedback window, which scrolls the message currently selected. This way, once you touch the button corresponding to the message you want to scroll, you will get instant feedback which message you have selected and that the message is being displayed.



That's it! Enjoy using your baby Bird Rechargeable!