

ALPHA BLE WIRELESS ADAPTER



The Alpha BLE Wireless Adapter is a compact and inexpensive wireless receiver for Alpha and Betabrite signs.

The Alpha BLE Wireless Adapter uses Bluetooth® 4.0 LE wireless technology to communicate with a Bluetooth-equipped iPhone, iPad, iPod, or PC from a distance of over 100 feet away (line of sight).

Toss out that tedious IR keyboard. Use the Sign-Pro® iOS app and the Alpha BLE Wireless Adapter to send messages to your sign wirelessly. Transmitted messages appear instantly on the sign.

The Alpha BLE Wireless Adapter attaches to the RS232 Serial Port of most Alpha and Betabrite signs using an RS232 Sign Cable (included). The RS232 Serial Port must have a 5-volt feature, and most Alpha and Betabrite signs do. If the Alpha BLE Wireless Adapter is within range, Sign-Pro detects the adapter instantly.

The Alpha BLE Wireless Adapter Kit includes:

- Alpha BLE Wireless Adapter
- 12-inch RS232 Cable (RJ12-RJ12)
- 1.5-inch Industrial Fastener
- Detailed Online Instructions
- One-year USA factory warranty



Sign-Pro

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Use the RS232 Cable included with the Alpha BLE Wireless Adapter to connect the Alpha BLE Wireless Adapter to the RS232 Serial Port of an Alpha or Betabrite sign. The Alpha BLE Wireless Adapter is powered by the RS232 Serial Port of the sign it is connected to. For a list of Alpha and Betabrite signs that are compatible with the Alpha BLE Wireless Adapter, visit <https://sign-pro.us/compatible-signs>.

Use the Industrial Fastener (included) to attach the Alpha BLE Wireless Adapter to the back of your sign.

Use Sign-Pro Settings to Detect and Save the Bluetooth Address of your Alpha BLE Wireless Adapter. Sign-Pro will use this address to send messages to your sign.

General Specifications	
Color	Black
Adapter Length	4.2 inches
Adapter Width	0.95 inches
Adapter Height	0.85 inches
Adapter Weight	1.2 ounces
12" Cable Weight	0.6 ounces
Shipping Weight	5.2 ounces
Shipping Dimensions	8.6" x 5" x 2.3"
Limited Warranty	One-year parts and labor, factory servicing

How to Order
Online - click to order or call Alpha-American Programmable Signs at 858-273-3087.

Related Literature
Sign-Pro Brochure Alpha Ethernet Adapter Brochure

Features	
Compatibility	Bluetooth 4.0 LE
Max. Wireless Range	115 feet (line of sight)
RS232 Connectivity	Yes
USB Connectivity	No
RS485 Connectivity	No
Ethernet Connectivity	No
Number of Signs Connected	1 per adapter

Supported iOS Devices
<ul style="list-style-type: none">• iPhone (models 4S and later)• iPod Touch (5th and 6th generation)• iPad 3 with High-Density Display• iPad 4 with Retina Display• iPad Air (all models)• iPad Mini (all models)• iPad Pro (all models)

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How does the Alpha BLE Wireless Adapter pair with an iPhone, iPad, or iPod?

Connect the Alpha BLE Wireless Adapter to the RS232 Serial Port on your sign using the RS232 Cable (included). Connect your sign power cord to an AC outlet. This powers up the sign and the Adapter. Open the Sign-Pro App on your iOS device. In Sign-Pro Settings select Bluetooth. Detect and Save the Adapter Address. Pairing is done automatically. There is no pairing code

Can two signs be connected to an iPhone/iPad/iPod at once?

No. Sign-Pro connects to one Alpha BLE Wireless Adapter and one sign at a time. If you have two Alpha BLE Wireless Adapters, connected to two different signs, both Alpha BLE Wireless Adapters will be detected by Sign-Pro, if they are within range; and both Adapters will display in Sign-Pro's list of detected devices. Select the Alpha BLE Wireless Adapter you want to send messages to, and the sign that Adapter is connected to will display the messages you send.

Can I use the Alpha BLE Wireless Adapter and Sign-Pro to send messages to an Alpha or Betabrite sign using an Android device?

No. Sign-Pro is an iOS App. It runs on an iPhone, iPad, or iPod.

Can I use the Alpha BLE Wireless Adapter and Sign-Pro to send messages to a sign made by another manufacturer?

No. Each sign manufacturer uses unique software instructions to program and control its signs. Sign-Pro is designed specifically for programming Alpha and Betabrite signs that use Alpha Sign Communications Protocol, instructions that are exclusive to signs manufactured by Adaptive Micro Systems.

Can the Alpha BLE Wireless Adapter be used with anything else?

No. The Alpha BLE Wireless Adapter was designed specifically for use as a wireless receiver for Alpha and Betabrite signs being programmed with Sign-Pro and an iPhone, iPad, or iPod.

What is the power source and battery life for the Alpha BLE Wireless Adapter?

The Alpha BLE Wireless Adapter has no batteries. It is powered by the sign it is connected to.

Will the Alpha BLE Wireless Adapter connect to my sign's RS485 Port or Ethernet Port?

No. There are other Sign-Pro options for sending to an RS485 Port or an Ethernet Port.

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Can I buy a power accessory to use the Alpha BLE Wireless Adapter on an Alpha or Betabrite sign with a non-powered RS232 Serial Port?

There are better wireless options for using Sign-Pro with a non-powered RS232 Serial Port.

[Contact Sign-Pro.](#)

Can I use a longer RS232 Cable to send messages from my office, instead of standing in front of the sign?

Yes. [Contact Sign-Pro](#) to order a longer RS232 Cable.

Does the Alpha BLE Wireless Adapter have a two-year warranty option?

Yes. The first-year warranty is included in the cost. The second-year warranty is \$50.

How do you turn on the Alpha BLE Wireless Adapter?

There is no on/off switch on the Alpha BLE Wireless Adapter. It is powered by the RS232 Serial Port of the sign it is connected to. When the sign is plugged in the Alpha BLE Wireless Adapter turns on, and it stays on as long as the sign is plugged in, which is usually always.

Does the Alpha BLE Wireless Adapter communicate using Bluetooth 2.1, 3, or 4 wireless technology?

No. It is specifically designed for use with Bluetooth 4.0 LE.

What if I lose the connection between my iPhone and the Alpha BLE Wireless Adapter?

1. Reboot your iPhone.
2. Unplug your sign and plug it back in to restart the sign and the Alpha BLE Wireless Adapter.
3. Check your Sign-Pro Settings to be sure that the Alpha BLE Wireless Adapter is detected and selected.
4. Relocate your Alpha BLE Wireless Adapter. Bluetooth communications are line of sight. Walls, obstacles, and other wireless devices in the area can affect wireless communications.

Logistics prevent me from standing in front of my sign to send a message.

[Contact Sign-Pro](#) to order a longer RS232 Sign Cable.

My sign doesn't have a powered RS232 Serial Port.

[Contact Sign-Pro](#) for other options.