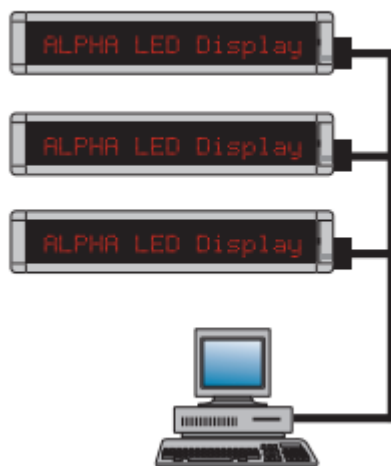


ALPHA ETHERNET ADAPTER



Ethernet Adapters 10/100BaseT



The Alpha Ethernet Adapter connects Alpha and Betabrite signs to an existing 10/100BaseT Local Area Network and allows existing programs to communicate to the signs using TCP/IP without modifications to the software.

Attach the Alpha Ethernet Adapter to the sign's RS232 Serial Port using the RS232 Cable (included) and use a standard CAT5 Ethernet Cable to connect the Alpha Ethernet Adapter to your Local Area Network.

- The Alpha Ethernet Adapter is easily configured over your Local Area Network.
- An external power supply is not required. The Alpha Ethernet Adapter is powered directly by the display.
- Adds TCP/IP capability to existing signs and to non-TCP/IP software.

APPLICATIONS:

- Any application using an Alpha or Betabrite sign

The Alpha Ethernet Adapter Kit includes:

- Alpha Ethernet Adapter
- 18-inch RS232 Cable (RJ12-RJ12)
- 1.5-inch Industrial Fastener
- Setup Software CD
- Detailed Online Instructions
- One-year USA factory warranty

ALPHA ETHERNET ADAPTER

Use the RS232 Cable (included) to connect the Alpha Ethernet Adapter to the RS232 Serial Port on an Alpha or Betabrite sign. The Alpha Ethernet Adapter has no power cord. It receives 5-volt DC power from the RS232 Serial Port of the sign it is connected to. For a list of compatible Alpha and Betabrite signs visit sign-pro.us.

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

Use the Setup software to assign an IP address to the Alpha Ethernet Adapter. Visit sign-pro.us for detailed information and instructions on setting up and using the Alpha Ethernet Adapter.

General Specifications	
Color	Black
Adapter Length	4.375 inches
Adapter Width	1.18 inches
Adapter Height	1.18 inches
Adapter Weight	2 ounces
12" Cable Weight	1 ounce
Shipping Weight	5.2 ounces
Shipping Dimensions	8.6" x 5" x 2.3"
Limited Warranty	One-year parts and labor, factory servicing

Features	
Network Input	10/100BaseT RJ45 CAT5
RS232 Output	Yes
USB Output	No
RS485 Output	No
Ethernet Output	No
Number of Signs Connected	1 per adapter
Operating Temperature	5° - 50° C (41° - 122° F)
Humidity Range	10%-90% Noncondensing
Power	Powered by display

How to Order
<ol style="list-style-type: none">1. Online - click to order.2. Call Alpha-American Signs: 858-273-3036.3. Call Adaptive Micro Systems: 800-558-70224. Call your Adaptive Distributor.

Alpha™ and Betabrite™ are registered trademarks of Adaptive Micro Systems, LLC.

How does the Alpha Ethernet Adapter connect to Alpha and Betabrite signs?

Connect the Alpha Ethernet Adapter to the sign's RS232 Serial Port using the RS232 Cable (included). Plug your sign's power cord into an AC outlet.

How do I set up the Alpha Ethernet Adapter to work on my Local Area Network?

Write down the MAC address that is printed on the label of the Alpha Ethernet Adapter. Write down the IP address and Subnet mask assigned to your sign by your Network Administrator. Use the RS232 cable to connect the Alpha Ethernet Adapter to the sign and plug the sign into an AC power outlet. Connect the Alpha Ethernet Adapter to the Local Area Network with a CAT5 Ethernet Cable. On a Windows PC, load the setup software provided on the CD that comes with the Adapter. Type the MAC address, IP address, and Subnet mask into the setup software and click Setup to program the Adapter. Once the Adapter is programmed, you may type the IP address in Internet Explorer, Chrome, Firefox, etc. to change the settings..

How does the Alpha Ethernet Adapter connect with the Sign-Pro App?

Open the Sign-Pro App on your iOS device. In Sign-Pro Settings select Ethernet/WiFi. Enter the IP Address and Port number of your Alpha Ethernet Adapter and Save the Adapter settings.

Can two signs be connected to an Alpha Ethernet Adapter at once?

No. Each sign must have its own Alpha Ethernet Adapter with its own unique IP address.

Can Sign-Pro connect to two Alpha Ethernet Adapter devices at once?

No. Sign-Pro sends to one IP address at a time. In Sign-Pro Settings enter the IP address and Port number of the Alpha Ethernet Adapter you want to send messages to, and the sign that Adapter is connected to will display your transmitted messages.

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

No. Sign-Pro is an iPhone/iPad/iPod app. It does not run on Android devices.

Can I use the Alpha Ethernet Adapter with a sign made by another manufacturer?

Only if the sign has a powered RS232 Serial Port that is configured exactly like the RS232 Serial Port in compatible Alpha and Betabrite signs.

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

No. Each sign manufacturer uses unique software commands to program its signs. Sign-Pro is designed specifically to program signs with Alpha Sign Communications Protocol, instructions that are exclusive to signs manufactured by Adaptive Micro Systems.

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

The Alpha Ethernet Adapter has no batteries. It is powered by the sign it is connected to. When the sign is plugged in, the Alpha Ethernet Adapter turns on and stays on as long as the sign is plugged in, which is usually always.

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

No. There are other Ethernet devices that will connect to those ports. Visit sign-pro.us for details.

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

No. There are better powered Ethernet solutions. [Contact Sign-Pro](#) for additional information.

Can I use a longer RS232 cable to connect the Alpha Ethernet Adapter to my sign? Yes.

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

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

Yes. The first-year warranty is included in the cost. The second-year warranty is \$100.

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

1. Reboot your iPhone/iPad/iPod.
2. Unplug your sign and plug it back in to restart the sign and the Alpha Ethernet Adapter.
3. Check your Sign-Pro Settings to be sure that the Alpha Ethernet Adapter is selected, and the IP address is specified correctly.
4. Ping your sign from a PC on the Local Area Network to verify the IP address is accessible.
5. Contact your Network Administrator for assistance before contacting Sign-Pro or Adaptive.

I can't use the Alpha Ethernet Adapter for one of these reasons:

- Company rules prohibit connecting devices to our Local Area Network.
- Our company does not provide or use static IP addresses.
- My sign doesn't have a powered RS232 Serial Port.

Visit sign-pro.us for other options.