ALPHA ETHERNET ADAPTER

ALPHA Ethernet Adapter II

Ethernet Adapters 10/100BaseT

ALPHA LED Display

ALPHA LED Display

ALPHA LED Display

Adaptive

The Alpha Ethernet Adapter connects an Alpha or Betabrite sign with no Ethernet feature to a 10/100BaseT Local Area Network and allows programs and hardware to communicate to the sign using TCP/IP over the Ethernet network, instead of using RS232 or RS485 cabling and communications.

The Alpha Ethernet Adapter connects to the RS232 Serial Port of compatible Alpha or Betabrite signs using an RS232 Sign Cable that is included with the Alpha Ethernet Adapter.
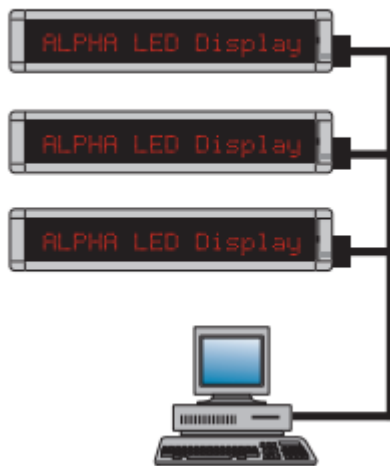
The Alpha Ethernet Adapter connects to the Local Area Network using a standard CAT5 Ethernet Cable.

The Alpha Ethernet Adapter is powered by the sign's RS232 Serial Port.

A static IP address must be assigned and programmed into the Alpha Ethernet Adapter using the Ethernet Adapter Setup software that is included with the Alpha Ethernet Adapter.

The static IP address must be programmed into software programs and hardware that send messages to the sign.

APPLICATIONS

Any application using an Alpha or Betabrite sign

ALPHA ETHERNET ADAPTER

The Alpha Ethernet Adapter Kit includes:

- Alpha Ethernet Adapter
- 18-inch RS232 Sign Cable (RJ12-RJ12)
- 1.5-inch Industrial Fastener
- Ethernet Adapter Setup Software CD
- Alpha Ethernet Adapter Installation Guide
- One-year USA factory warranty

The Alpha Ethernet Adapter is powered by the RS232 Serial Port of compatible signs. For a list of Alpha and Betabrite signs that can be used with the Alpha Ethernet Adapter, visit compatible-signs.

To read detailed instructions for using the Ethernet Adapter Setup software to program an IP address into the Alpha Ethernet Adapter, download the Alpha Ethernet Adapter Installation Guide.

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

1. Online - click to order.
2. Call Alpha-American Signs: 858-273-3087.

Related Documents

Alpha Ethernet Adapter Installation Guide

How does the Alpha Ethernet Adapter connect to Alpha and Betabrite signs?
The **Alpha Ethernet Adapter** connects to the sign's RS232 Serial Port using an **RS232 Sign Cable** that is included with the **Alpha Ethernet Adapter**.

How does my Local Area Network recognize the Alpha Ethernet Adapter?
You must program the Alpha Ethernet Adapter with an IP address that your Local Area Network will recognize. Here are the steps: (1) Write down the MAC address that is printed on the label of the Alpha Ethernet Adapter. (2) Ask your Network Administrator for an IP address, Subnet mask, and Port for your sign to use. (3) Connect the Alpha Ethernet Adapter to your Local Area Network with a CAT5 Ethernet cable. (4) Using a Windows PC, install and run the Ethernet Adapter Setup software provided on CD. (5) Enter the MAC address, IP address, Subnet mask, and Port when prompted by the Ethernet Adapter Setup software. (6) Save the settings. Your Local Area Network will now recognize the Alpha Ethernet Adapter. Once the Alpha Ethernet Adapter is programmed with your network settings, the settings may be changed using a browser, such as Internet Explorer. Type two slashes // and the IP address, e.g., //192.168.1.220 to open a Portal where you can change the Alpha Ethernet Adapter settings.

How does my software and hardware recognize the Alpha Ethernet Adapter?
Find the Settings option for your software program. Specify Ethernet connectivity. Enter the IP Address and Port number of your Alpha Ethernet Adapter. Save the settings. For assistance contact Alpha-American Signs.

Can two signs be connected to an Alpha Ethernet Adapter at once?
No.

Can my software connect to two Alpha Ethernet Adapter devices at once?
AlphaNet Messaging software provides for multiple Sites, and unique IP addresses may be assigned to each Site. AlphaNet can send messages to multiple Sites. This enables signs with different IP addresses to display any transmitted messages.

Will the Alpha Ethernet Adapter connect to an RS485 Port or Ethernet Port?

No. There are other Ethernet connectivity options for signs with an RS485 Port. Signs with an Ethernet Port do not need an Alpha Ethernet Adapter. Contact Alpha-American.

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

The Alpha Ethernet Adapter is powered by the RS232 Serial Port of the sign it is connected to. It has no batteries. When the sign is connected to AC power, the sign and the Alpha Ethernet Adapter power on. They remain powered on as long as the sign is connected to AC power.

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

There are other Ethernet connectivity options for signs that are not compatible with the Alpha Ethernet Adapter. Contact Alpha-American.

Can I use a longer RS232 Sign Cable to connect the Alpha Ethernet Adapter to my sign? Yes. Contact Alpha-American to order a longer RS232 Sign 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. Contact Alpha-American.

What if the connection between my computer and the Alpha Ethernet Adapter is lost?

1. Reboot your computer.
2. Unplug your sign and plug it back in to restart the sign and the Alpha Ethernet Adapter.
3. Check your software Settings to verify that the Alpha Ethernet Adapter is selected, and the IP address is specified correctly.
4. Ping the IP address from a PC on the Local Area Network to make sure the IP address is accessible.
5. Contact your Network Administrator for assistance before contacting Alpha-American.

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

No. The Alpha Ethernet Adapter is designed to be connected to the RS232 Serial Port of compatible Alpha or Betabrite signs.