



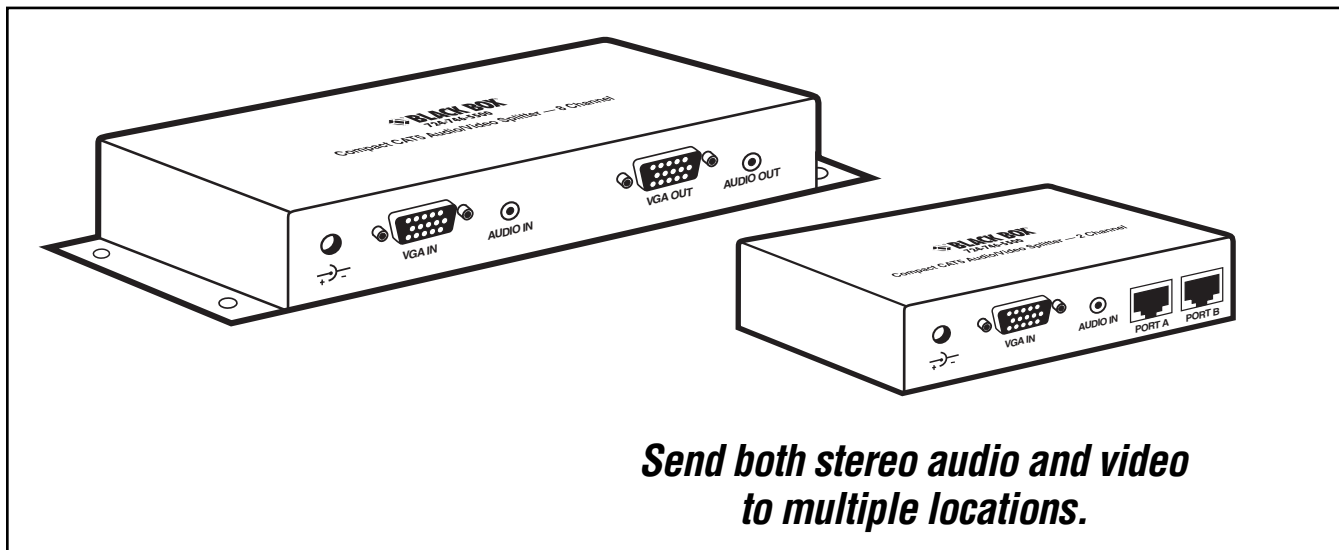
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# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

Black Box Corporation • 1000 Park Drive • Lawrence, PA 15055-1018 • Tech Support: 724-746-5500 • [www.blackbox.com](http://www.blackbox.com) • e-mail: [info@blackbox.com](mailto:info@blackbox.com)

## COMPACT CAT5 AUDIO/VIDEO SPLITTERS



***Send both stereo audio and video  
to multiple locations.***

### Key Features

- ▶ ***Sends both video and stereo audio to up to eight remote speakers and monitors.***
- ▶ ***Works over ordinary CAT5 cable.***
- ▶ ***Supports VGA video up to 1280 x 1024 at 60 to 85 Hz.***
- ▶ ***Sends signals up to 500 feet.***
- ▶ ***Plug and play—no software required.***
- ▶ ***Compact size.***
- ▶ ***Cascadable.***

Most computer monitors have built-in speakers for audio—but most video splitters only support video. The Compact CAT5 Audio/Video Splitter enables you to send both stereo audio and video from a CPU to multiple monitors and speakers.

The Compact CAT5 Audio/Video Splitter is easy to install—you need a splitter for the CPU end plus a receiver for each remote station. Plug in the cables and you're ready to go. There's no software to install.

Because the Compact CAT5 Audio/Video Splitter uses ordinary

CAT5 cable, you may even be able to use it with the cabling you already have installed!

The splitter has a range of up to 500 feet. A circuit in the receiver units compensates for long cable runs—you can set a video compensation DIP-switch according to the length of the input cable to restore signal loss on long cables. Differential signaling provides resistance to EMI interference.

The splitter supports video up to 1280 x 1024 at refresh rates from 60 to 85 Hz.

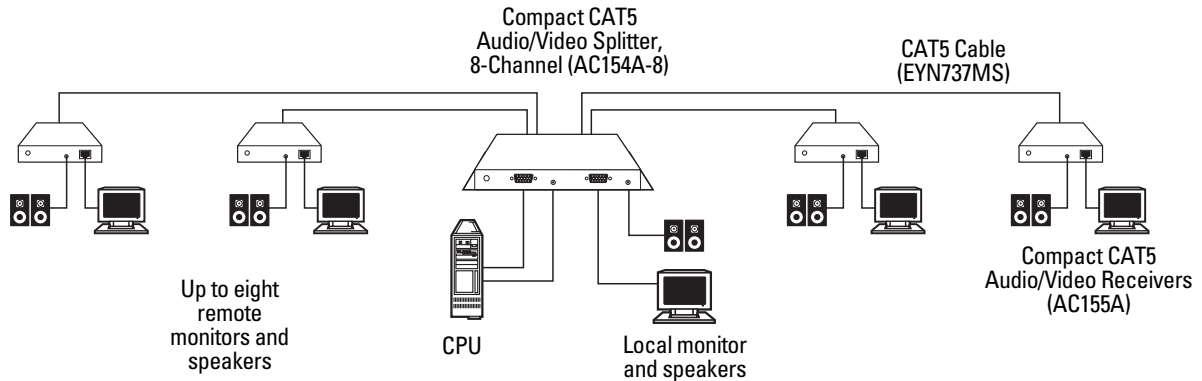
The splitter comes in both 2-channel and 8-channel versions. If you need to broadcast to more than eight monitors, you can easily cascade the splitter by daisy-chaining the VGA/Audio Out ports to the VGA/Audio In ports of another AC154A-2 or AC154A-8.

Video connectors are buffered; audio connectors are pass-through.

The splitters are ruggedly built and encased in a sturdy metal housing. They feature ears with screw holes so they can be permanently bolted into place. Their compact size is ideal for areas where space is limited.



# Sample Application for Compact CAT5 Audio/Video Splitter



## Specifications

### Distance (Maximum):

500 ft. (152.4 m) over standard CAT5 cable

**Resolution (Maximum):** 1280 x 1024 at refresh rates of 60–85 Hz

**CE Approval:** 230-VAC models: AC154AE-2, AC154AE-8, AC155AE

**Connectors:** AC154A-2: (2) RJ-45, (2) HD15 video, (2) 3.5-mm mini stereo jacks;

AC154A-8: (8) RJ-45, (2) HD15 video, (2) 3.5-mm mini stereo jacks;

AC155A: (1) RJ-45, (1) HD15 video, (1) 3.5-mm mini stereo jack

**Power:** 115-VAC/60 Hz, external; 230-VAC/50-Hz version on request

**Size:**  
AC154A-2: 1.2"H x 4.8"W x 2.6"D (3 x 12.2 x 6.6 cm);  
AC154A-8: 1.4"H x 9.4"W x 3.9"D (3.6 x 23.9 x 9.9 cm);  
AC155A: 1.2"H x 4.2"W x 2.5"D (3 x 10.7 x 6.4 cm)

**Weight:**  
AC154A-2: 0.9 lb. (0.4 kg);  
AC154A-8: 2 lb. (0.9 kg);  
AC155A: 0.6 lb. (0.3 kg)

## Quick and Easy Installation

- Connect the **VGA-IN** and **AUDIO IN** connectors to your computer's video and speaker ports using the supplied cables.
- Connect the local monitor and speakers to the splitter's **VGA+A** and **AUDIO OUT** connectors.
- Connect the supplied 12-VDC power adapter to the power input connector on the splitter.
- Connect one or more receivers to the splitter using CAT5 cable.
- Connect the remote monitor and speakers to each receiver. Attach the power adapter to the receiver.
- That's all there is to it—you're done!

## Ordering Information

ITEM	CODE
Compact CAT5 Audio/Video Splitter	
2-Channel .....	AC154A-2
8-Channel .....	AC154A-8
<i>Order one receiver for each channel.</i>	
Compact CAT5 Audio/Video Receiver.....	AC155A
<i>You may also need...</i>	
Category 5 Solid-Conductor Cable, 4-Pair, Straight-Pinned, PVC	
10-ft. (3-m) .....	EYN737MS-0010
20-ft. (6.1-m) .....	EYN737MS-0020
50-ft. (15.2-m) .....	EYN737MS-0050
100-ft. (30.4-m) .....	EYN737MS-0100



Black Box offers the best warranty program in the industry—Fido Protection®. For more information, request **FaxBack 22512**.

