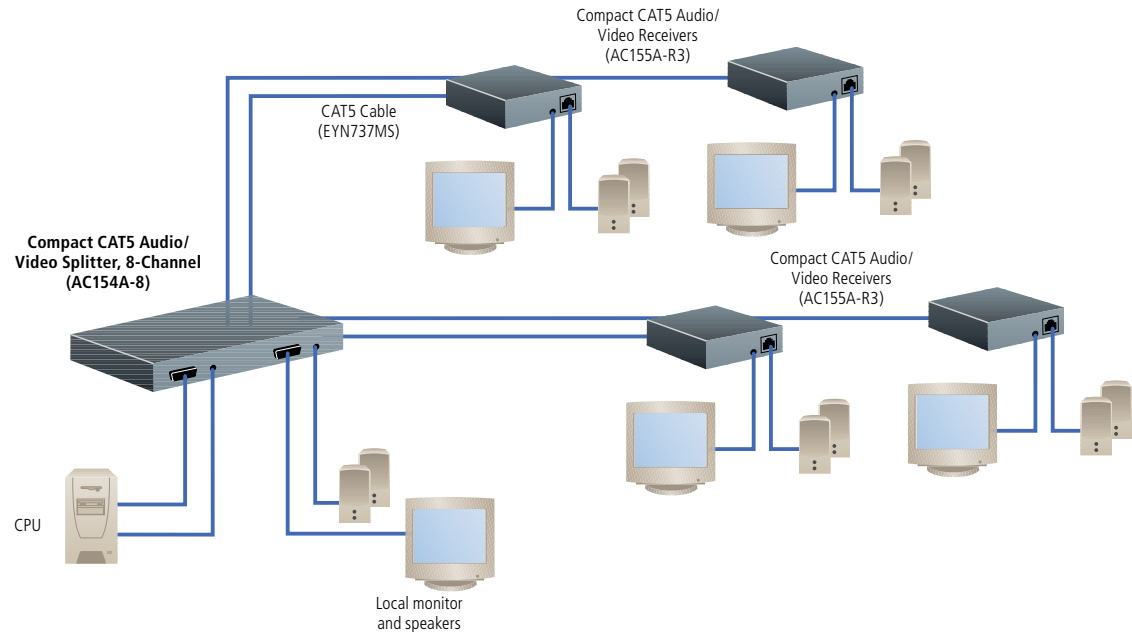## Compact CAT5 Audio/Video Splitters

Send both video and stereo audio to multiple locations.

FEATURES

» Send both video and stereo audio to up to eight remote speakers and monitors.
» Work over ordinary CAT5 cable.
» Support VGA video up to 1280 x 1024 at 60 to 85 Hz.
» Send signals up to 1000 feet for XGA video and 750 feet for SXGA video.
» Plug-and-play—no software required.
» Compact size.
» Cascadable.

Compact CAT5 Audio/Video Receivers (AC155A-R3)

CAT5 Cable (EYN737MS)

Compact CAT5 Audio/Video Splitter, 8-Channel (AC154A-8)

Compact CAT5 Audio/Video Receivers (AC155A-R3)

CPU

Local monitor and speakers

OVERVIEW

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 video and stereo audio 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 receiver unit (AC155A-R3) features a screw-adjustable potentiometer that provides precise video signal compensation according to the length of the input cable to restore signal loss on long cables. Differential signaling provides resistance to EMI interference. The AC155A-R3 also includes mounting flanges and automatic gain adjustment.

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 daisychaining 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 passthrough.

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.

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.
• You're done!

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TECH SPECS

Distance (Maximum) — XGA: 1000 ft. (304.8 m);
   SXGA: 750 ft. (228.6 m)
Resolution (Maximum) — 1280 x 1024 at refresh rates of 60–85 Hz
CE Approval — 230-VAC models: AC154AE-2, AC154AE-8, AC155AE-R3
Connectors — AC154A-2: (2) RJ-45, (2) HD15 F video, (2) 3.5-mm
   mini stereo jacks;
   AC154A-8: (8) RJ-45, (2) HD15 F video, (2) 3.5-mm mini stereo jacks;
   AC155A-R3: (1) RJ-45, (1) HD15 F 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-R3: 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-R3: 0.6 lb. (0.3 kg)

AC154A-2

AC154A-8

Item	Code
Compact CAT5 Audio/Video Splitters	
2-Channel	**AC154A-2**
8-Channel	**AC154A-8**
Order one receiver for each channel.	
Compact CAT5 Audio/Video Receiver	**AC155A-R3**
You may also need…	
CAT5 Solid-Conductor Cable, 4-Pair, Straight-Pinned, PVC	
10-ft. (3.0-m)	**EYN737MS-0010**
20-ft. (6.1-m)	**EYN737MS-0020**
50-ft. (15.2-m)	**EYN737MS-0050**
100-ft. (30.4-m)	**EYN737MS-0100**

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p.m. and you need help, but your vendor's tech support line is closed.

According to a survey by *Data Communications* magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

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