

## WARRANTY

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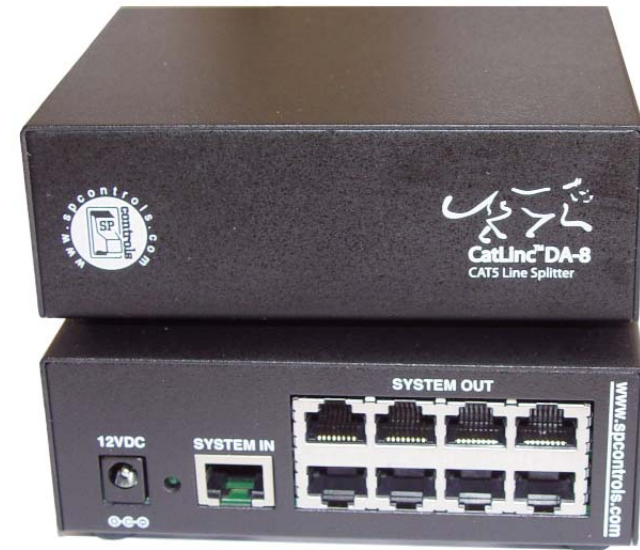
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## CatLinc™ DA-8 User's Guide



### Caution:

This equipment does not allow the distribution of computer signals through Ethernet networking hubs or switches. Do not connect this device to a network hub or other communications equipment.

## 1. What is the CatLinc™ DA-8 system?

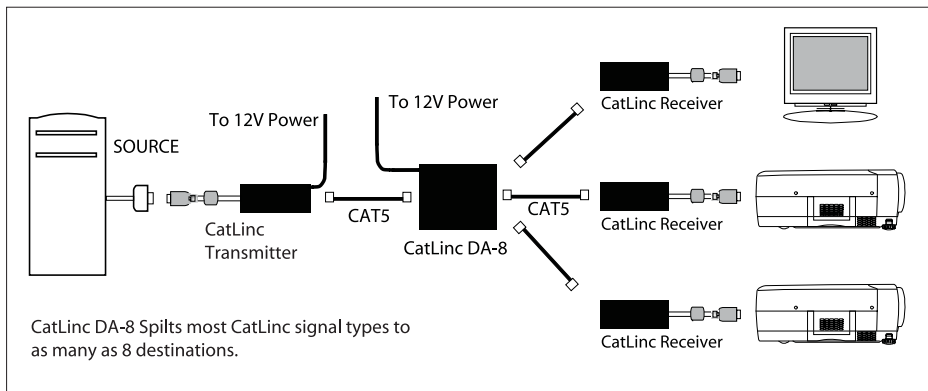
The SP Controls CatLinc™ DA-8 is a 1x8 Distribution Amplifier for the SP Controls CatLinc™ proprietary signal type carried over CAT5, CAT5e, or CAT6 STP, UTP, or FTP cable. It uses standard RJ-45 connectors for both input and output.

The CatLinc™ DA-8 is designed for use with the SP Controls CatLinc™ family of products. It can be used to split the signal carried by the CatLinc™ VGA, CatLinc™ VGA-L, CatLinc™ VID, or CatLinc™ HD from one CatLinc™ Transmitter to up to eight CatLinc™ Receivers.

The CatLinc™ DA-8 is powered with a 12 VDC power supply. When powered, the CatLinc™ DA-8 can distribute phantom power to a *maximum of 5 CatLinc™ Receivers*. Additional CatLinc™ Receivers must be separately powered. The CatLinc™ Transmitter must also be powered with a CatLinc™ power supply.

**NOTE:** The CatLinc™ DA-8 can only be used with one CatLinc™ signal type. For example, if you connect a CatLinc™ VGA Transmitter to the CatLinc™ DA-8 *SYSTEM IN*, the output *must be run* to CatLinc™ VGA receivers. Mixing different CatLinc™ Transmitters and Receivers could damage the CatLinc™ units.

## 2. Connecting the CatLinc™ DA-8 System



**Warning:** In the CatLinc™ signal distribution system the CAT5 cables carry electrical power. Do NOT connect them to any other device. We recommend that you attach the enclosed warning stickers provided to the ends of each cable.

## 3. Technical specifications

### System

Operating temperature	32°F to 104°F/0°C to 40°C
Storage temperature	-40°C to 158°F/-40°C to 70°C
Humidity	80% non condensing relative humidity

<b>Warranty</b>	3 Years
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<b>Cables &amp; Connectors</b>	System In - RJ45 (1) System Out - RJ45 (8)
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<b>Dimensions</b>	4.6 x 3.7 x 1.6in/118 x 96 x 42mm
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<b>Power supply</b>	External Power Adapter 12VDC 2A
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<b>Order Number</b>	CATLINC DA-8
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### RJ-45 Pinouts

The RJ-45 connectors on the CatLinc™ DA-8 transmit proprietary CatLinc™ signals of the type which is connected to the unit. For more information on signal pinout, please see the CatLinc™ User's Manual.

### Important Safety Instructions

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 10) Only use attachments/accessories specified by the manufacturer.
- 11) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 12) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.