



## Serial Adapter Cable SAC-1.0

# OWNER'S MANUAL

**SpeakerCraft**®

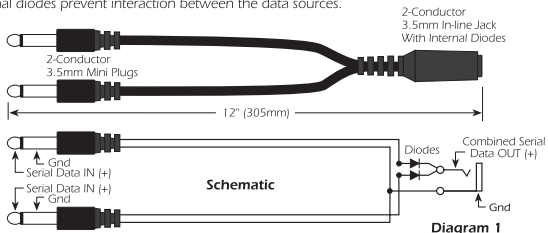
### LIMITED 5-YEAR WARRANTY

SpeakerCraft warrants this product to be free of defects in materials or workmanship. This extends for five years from the date of purchase by the original consumer. Any products returned to SpeakerCraft and found to be defective by SpeakerCraft within the warranty period will be repaired or replaced, at SpeakerCraft's option, at no charge. SpeakerCraft will not be responsible for the actual cost of installation or removal of the product, nor for any incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights. You may have additional legal rights that vary from state to state.

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# SAC-1.0 Serial Adapter Cable

The SAC-1.0 provides a means of combining two active-high serial data or IR sources to one active-high output. Internal diodes prevent interaction between the data sources.



- A typical application is to combine two IR sources, such as from SpeakerCraft controllers, so that a single IR emitter can be driven. See **Diagram 2**
- If you wish to combine more than two IR or data sources, you can cascade two or more SAC-1.0's. See **Diagram 3**
- Also, active-high serial data sources, such as from AV receivers, can be combined to control a single CD player, etc. See **Diagram 4**. Active-low serial data will **NOT** work.

**CAUTION:** When cascading SAC-1.0's, you will lose 0.7V of drive voltage through each SAC-1.0. Therefore, a practical limit of how many you can use will depend upon the peak drive voltage of the data source.

