



# MERIDIAN AC12 Audio Processor User Guide

[Home](#) » [MERIDIAN](#) » MERIDIAN AC12 Audio Processor User Guide 

## Contents

- [1 MERIDIAN AC12 Audio Processor](#)
- [2 Introduction](#)
- [3 2-channel SpeakerLink to non-SpeakerLink loudspeakers](#)
- [4 2-channel non-SpeakerLink to SpeakerLink loudspeakers](#)
- [5 2-channel non-Meridian source \(eg PC\) to SpeakerLink loudspeakers](#)
- [6 Multichannel SpeakerLink to SpeakerLink slave loudspeakers and non-SpeakerLink master](#)
- [7 Multichannel SpeakerLink to non-SpeakerLink slave loudspeakers and SpeakerLink master](#)
- [8 Documents / Resources](#)
- [9 Related Posts](#)



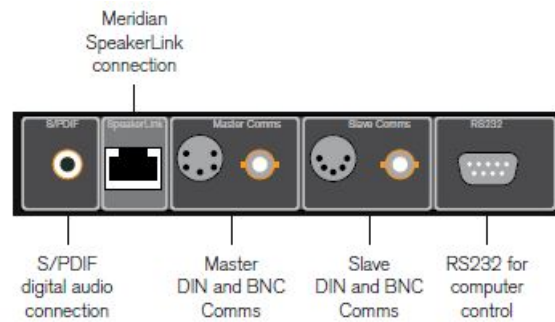
## MERIDIAN AC12 Audio Processor



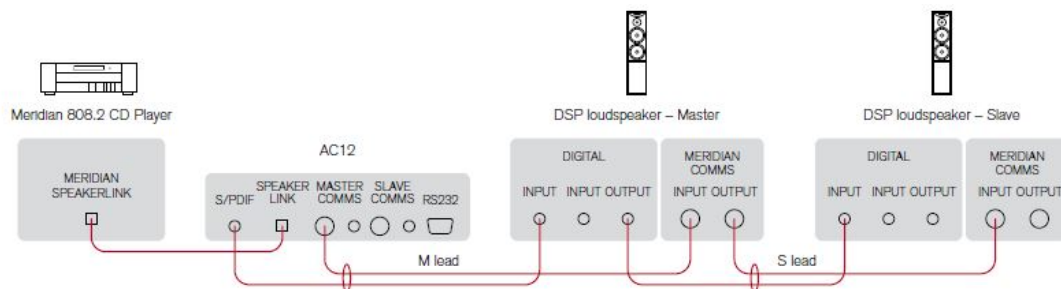
## Introduction

The AC12 allows you to connect up a system consisting of both the latest Meridian SpeakerLink products, and earlier Meridian products using Meridian Comms over either 5-pin DIN connectors or BNC connectors. The AC12 is a passive component and so is completely self-contained; it does not need a power supply or mains connection.

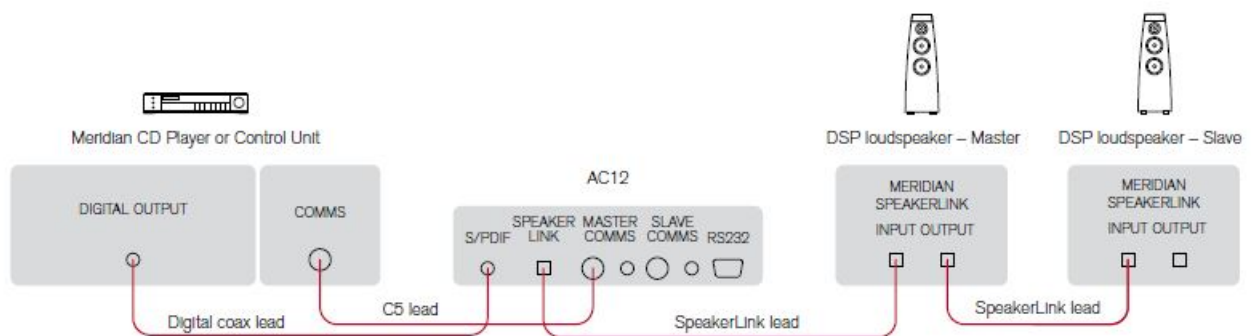
## Back panel connections



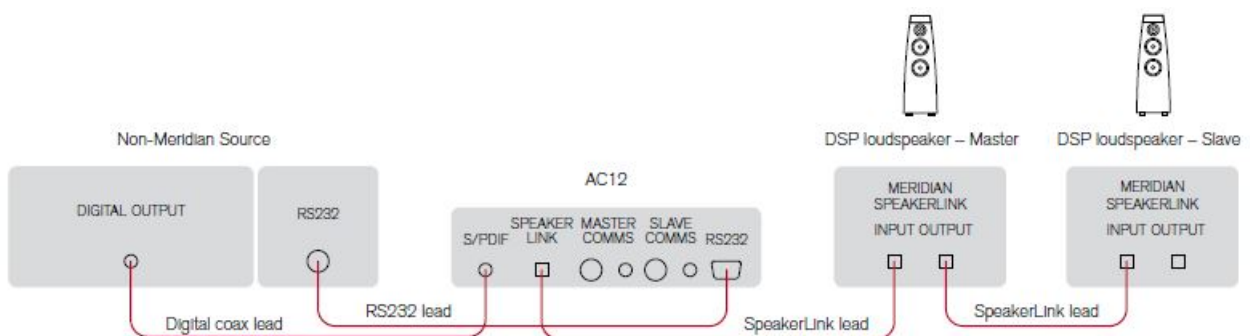
## 2-channel SpeakerLink to non-SpeakerLink loudspeakers



## 2-channel non-SpeakerLink to SpeakerLink loudspeakers



## 2-channel non-Meridian source (eg PC) to SpeakerLink loudspeakers



Use this application to connect a recent Meridian source with a SpeakerLink output to a pair of Meridian Digital loudspeakers that do not have SpeakerLink.

- Connect the SpeakerLink output from the source to the SpeakerLink input on the AC12.
- Connect the Master Comms and S/PDIF connections on the AC12 to the master loudspeaker using a Meridian

M lead.

- Use the DIN Comms or BNC Comms as appropriate. Connect the loudspeakers together using a Meridian S lead

Use this application to connect a Meridian source that does not have a SpeakerLink output to a pair of Meridian Digital loudspeakers with SpeakerLink.

- Connect the digital output from the source to the S/PDIF input on the AC12, using a digital coax cable.
- Connect the Comms connection from the source to the Master Comms connection on the AC12, using a Meridian C5 (master to master) lead

Alternatively, if the product has BNC comms you can connect it to the AC12 Master Comms BNC socket.

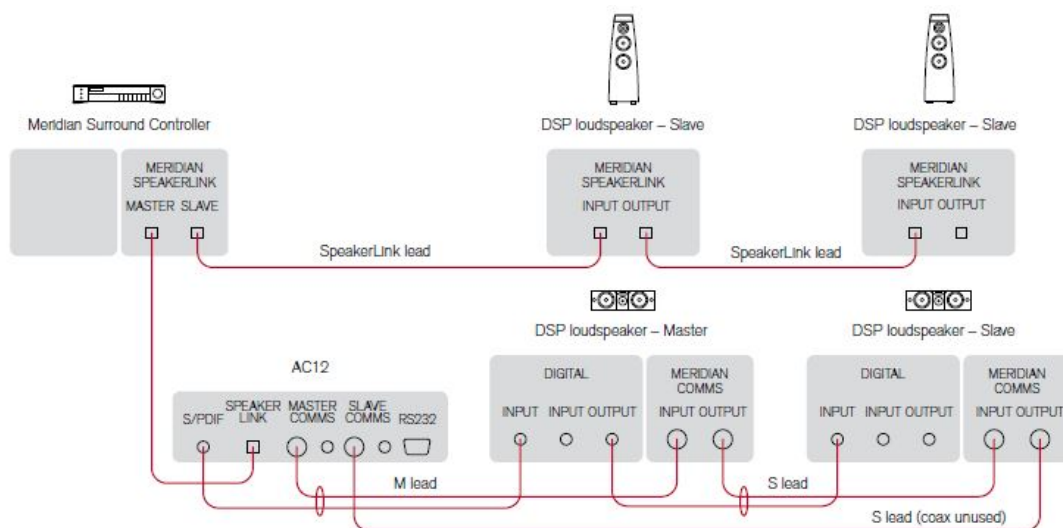
- Connect the SpeakerLink connector on the AC12 to the loudspeaker you have configured as master using a SpeakerLink lead.
- Connect the loudspeakers together using SpeakerLink leads.

Use this application to connect a non-Meridian source, such as a PC, to a pair of Meridian Digital loudspeakers with SpeakerLink.

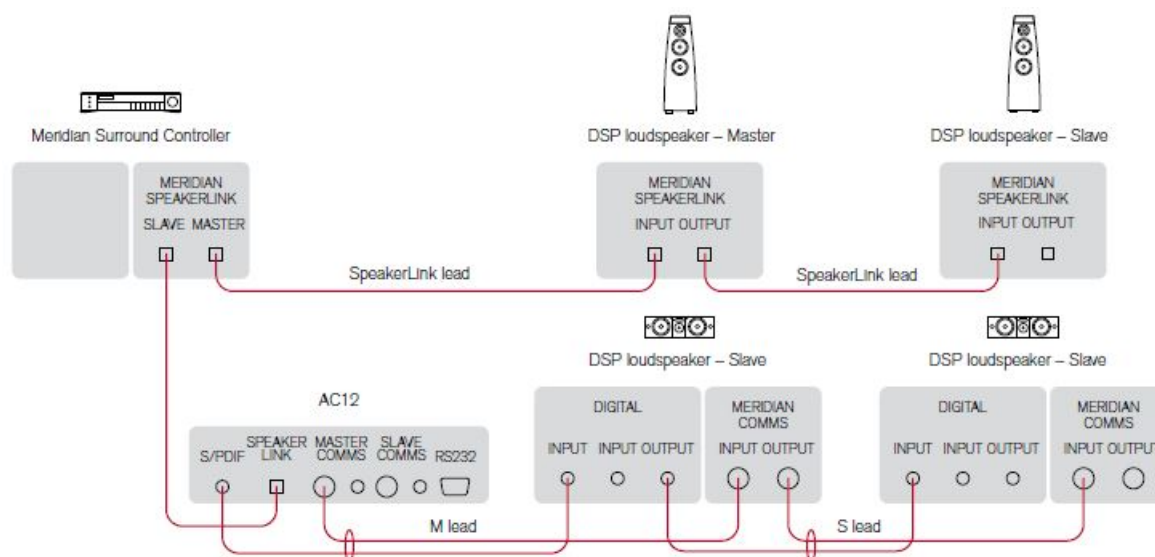
- Connect the SpeakerLink connector on the AC12 to the loudspeaker you have configured as master using a SpeakerLink lead.
- Connect the loudspeakers together using SpeakerLink leads.
- Connect the digital output from the source to the S/PDIF input on the AC12. Connect the digital output from the source to the S/PDIF input on the

You can connect an RS232 null-modem cable between the PC and the AC12 to provide PC control of the DSP loudspeakers using the Meridian Control Window program; for more information see the Meridian Configuration Program Guide.

## Multichannel SpeakerLink to SpeakerLink slave loudspeakers and non-SpeakerLink master



## Multichannel SpeakerLink to non-SpeakerLink slave loudspeakers and SpeakerLink master



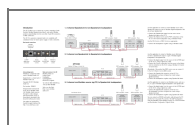
Use this application to connect up a multichannel system that includes both SpeakerLink and non-SpeakerLink loudspeakers, where the speaker you have chosen as the master does not have SpeakerLink.

- Connect the Master SpeakerLink output from the source to the SpeakerLink input on the AC12.
- Connect the Master Comms and S/PDIF connections on the AC12 to the loudspeaker you have configured as master, using a Meridian M lead.
- Use the DIN Comms or BNC Comms as appropriate.
- Connect the non-SpeakerLink loudspeakers together using a Meridian S lead.
- Take a return from the last non-SpeakerLink slave loudspeaker back to the AC12 Slave Comms connection, using the Comms part of a Meridian S lead.
- Connect the Slave SpeakerLink output from the source to the first SpeakerLink loudspeaker, using a SpeakerLink lead.
- Connect the remaining SpeakerLink loudspeakers together using SpeakerLink leads

Use this application to connect up a multichannel system that includes both SpeakerLink and non-SpeakerLink loudspeakers, where the speaker you have chosen as the master does have SpeakerLink.

- Connect the Master SpeakerLink output from the source to the master SpeakerLink loudspeaker, using a SpeakerLink lead.
- Connect the SpeakerLink loudspeakers together using SpeakerLink leads.
- Connect the Slave SpeakerLink output from the source to the SpeakerLink input on the AC12.
- Connect the Master Comms and S/PDIF connections on the AC12 to the first non-SpeakerLink slave loudspeaker, using a Meridian M lead.
- Use the DIN Comms or BNC Comms as appropriate.
- Connect the non-SpeakerLink loudspeakers together using a Meridian S lead.

## Documents / Resources



[MERIDIAN AC12 Audio Processor \[pdf\] User Guide](#)  
AC12, Audio Processor, AC12 Audio Processor

