

A-BUS Installation Instructions

Four-Way Input Selector

A-BUS[®]

by

Honeywell

AUDZ400

Welcome to A-BUS Multi-Room Audio.

The Four-Way Input Selector is a flexible component that helps tailor your multi-room audio system to your specific needs. Like all A-BUS products, it is made with high-quality components and is simple to install and use.

OVERVIEW

The selector's four stereo RCA-jack inputs accept audio line level signal output from source components, such as tuners, CD and DVD players, cable boxes, etc. The four loop-outs will send the audio signal on to the next component without loss or gain. There are four emitter ports to control source components if required, a 12-volt trigger output for power switching and an infrared pass-through to control other devices. No separate power supply is required because the Input Selector is powered via it's connection to the A-BUS system. A standard RJ-45 patch lead (568A) is required between the A-BUS Output and the Expansion Input port of an A-BUS hub.

There are several ways to use the Four-Way Input Selector.

Main System Input Selector

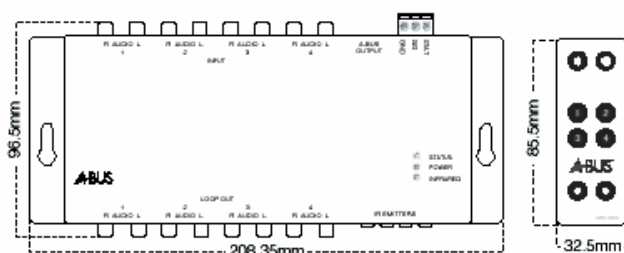
Where there is no main system amplifier, the Input Selector enables the A-BUS system to operate independently by providing inputs for switching up to four source components.

Second Zone Output

The Input Selector may also be used with a main system amplifier, to provide an independent second zone for the A-BUS system that has access to as many as four sources. This would allow the home theatre system to be used independently from the A-BUS system, so music can be played around the rest of the home while the home theater plays from it's own source.

Multi-Zoning

More than one Input Selector can be used, thereby creating multiple zones. However, a distribution hub is also required for each additional zone, and each source component will require an IR emitter from each hub.



The A-BUS Four Way Input Selector with Remote Control

OPERATION

Any of the Selector's inputs may be chosen via remote control commands. An ABR-40 remote control is supplied with each Input Selector and each touch-button power module. The ABR-40 remote control has four input selection buttons (1,2,3,4) which will also power up the A-BUS system if it is no standby. There are two 'OFF' buttons. The left hand button turns off power modules equipped with individual power switching. The right hand button turns the whole system off.

SPECIFICATIONS

INPUTS

4 pair audio RCA

OUTPUTS

4 pair audio RCA (active unity gain)

1 A-BUS RJ-45 to hub

4 Infrared 3.5mm jacks

1 Auxiliary (3 way screw terminal)

Status +12 DC 100mA

Signal (infrared) Xantech™ compatible

Ground

POWER

Phantom (powered from the hub)

NOTE: The output from source components may vary; some computer sound cards have very low output. The reference level for audio input to A-BUS systems is 1V P/P. The Input Selector output level will be the same as the input level.

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SYSTEM DIAGRAM

