

## System Overview

The C-Bus Multi-Room Audio system allows users to listen to and control audio sources from convenient locations around the home. The system is both simple to install and easy to use.

The system has been designed utilising proven digital audio distribution technology (developed by QlipS), in conjunction with QlipS C-Bus core technology for system communication and regulation.

QlipS digital audio distribution technology allows for noise and interference free audio reproduction, while the C-Bus technology allows the audio products to be seamlessly integrated and used with all existing C-Bus products. For example, volume can be controlled from the same C-Bus switch or touch screen controlling lighting.

In addition, the system allows any input audio source to be made available in any audio zone. Changes to the input audio source can easily be made by the user from a local C-Bus device at any time, regardless of where the audio source equipment (e.g. CD Player) is physically located. It is compatible with most audio sources and it accommodates standard stereo line level analogue inputs as well as digital audio TOS link inputs.

Infrared signals from hand held remote controls can be routed through the system by connecting IR targets and sensors. IR commands can also be conveyed by the system and activated by programmed C-Bus commands.

The C-Bus Multi-Room Audio system allows a number of different system layout options. This flexibility allows for a wide range of customer needs and installation requirements.

Two example schematics are shown opposite.

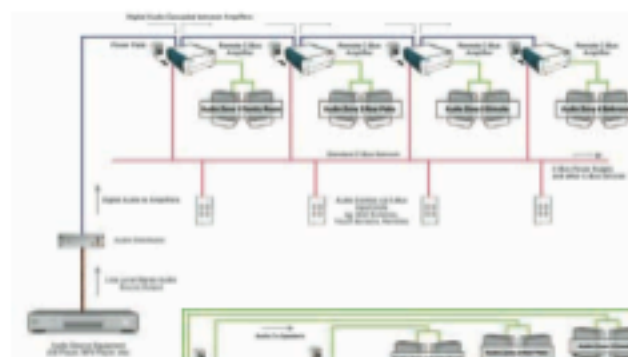
### Option A

The basic option allows a single audio source to be available to a number of C-Bus audio amplifiers and to be controlled from convenient locations around the home (via any combination of C-Bus input devices). The option requires one C-Bus cable for the audio distribution. This cable is connected between each audio amplifier.

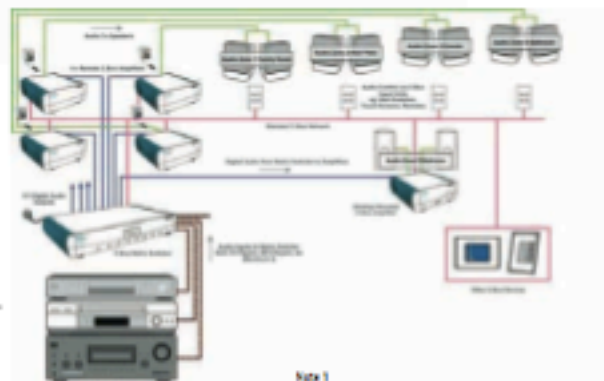
### Option B

The option allows more flexibility. Multiple audio sources are made available to all audio zones, with all the audio zones available on a zone by zone basis via C-Bus input devices. This option requires a separate star wired Category 5 audio cable to each audio amplifier in a zone.

### Option A



### Option B



#### Note 1

The C-Bus Mark II Switch is able to supply a limited amount of power to the audio amplifiers, as the system shares power available via the Category 5 audio network.

#### Note 2

Adding a power supply to each amplifier will change the output power rating from 100W to 220W RMS.