

MUSICA™ Application Note

Musica Expanding to 12 Rooms

Introduction

By using the 12-Room Expansion Kit and an additional *Musica* Audio Distribution Center (ADC), you can share four sources with 12 keypads.

Requirements

This configuration requires:

- a 12-room expansion kit (NS-MUXK-12),
- two *Musica* ADCs, and
- additional keypads (as required).

Installation

Figure 1 shows you how to connect a 12-room *Musica* system. To expand a *Musica* system to work in up to 12 rooms, complete the following steps:

1. Plug one of the ends of the audio Y-adapter into the S1 left channel of the first *Musica* ADC.
2. Plug the other end of the audio Y-adapter into the S1 left channel of the second *Musica* ADC.
3. Repeat steps 1. and 2. for the right channel of S1.
4. Repeat steps 1. through 3. for all source inputs.
5. Plug the audio cables into the left and right Y-adapters for S1 through S4.
6. Attach the audio cables to the left and right outputs of the sources.
7. Connect the serial cable to the RS-232 ports of both ADCs.
8. Connect the IR emitters to the IR outputs on one of the ADCs. The IR data is transferred through the RS-232 ports of the ADCs.

NOTE: You do not need to double up the IR emitters.

9. When connection is complete, turn the system on and test each zone.



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Products Included:

Musica MU4602

Musica MUXK-12

or

Musica MU5066

Musica MUXK-12



Figure 1 Connecting a Musica System Expandable up to 12 rooms