

ABI-MM1002S05 Multiroom Control Module - 5 zones

Installation and user guide

1 Contents

- 1 x Multiroom module ABI-MM1002S05
- 5 x OmniMedia HD patch cords, 45cm

2 Introduction

The DMS Master Control Module allows you to create a simple multiroom audio system by interconnecting the Radio & Control Modules from different rooms. Each RCM can listen to either its built-in FM tuner, to a local music source (input1) or to music coming from the Master Control Module (input2).

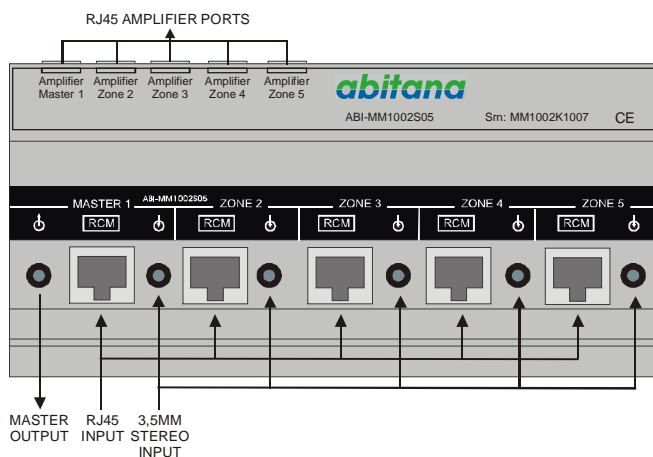
One of the five zones can be designated master zone. For each zone an individual central music source can be plugged in and override the function of the master zone.

Connections to the RCM's and to the amplifiers are through RJ45 ports, greatly simplifying the installation work.

This module does not require any software configuration.

3 Specifications

- 5 RJ45 amplifier ports on top of the module
- 5 RJ45 jack inputs (for RCM) on the frontside
- 5 stereo inputs 3,5mm stereo jack
- 1 master stereo output 3,5mm stereo jack
- All inputs and outputs are line level stereo
- No alimentionation required
- DIN-rail montage - 9std positives breed



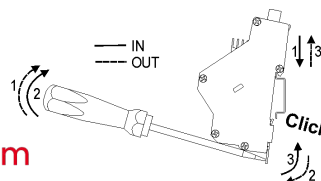
4 Installation

4.1 General guidelines

For general guidelines concerning the multiroom installation, please consult the manual of the Radio & Control module (ABI-MM1000Sxx).

4.2 Connection of the ABI-MM1002S05

- Open the patch cabinet and click the module onto the DIN-rail.
- Connect the RJ45 amplifier ports on top of the module with the amplifiers of the correct zone using the included patch cords.
- Choose the desired scenario (see §5) and make the necessary connections with the Radio & control modules and audio sources accordingly.



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www.abitanadirect.com
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5 Possible scenarios

5.1 Standard Master implementation.

One of the rooms and its associated RCM can be promoted to master by connecting this zone to the master input.

The remaining rooms with their RCM's are connected to the different ZONE inputs (max 4) of the network module.

In this configuration, the master RCM will provide the music/audio for INPUT 2 of the RCM's connected to the ZONE inputs.

The MASTER output can be used to cascade two units. You can also use this output to make a connection to an existing amplifier (i.e. HiFi installation in the living room)

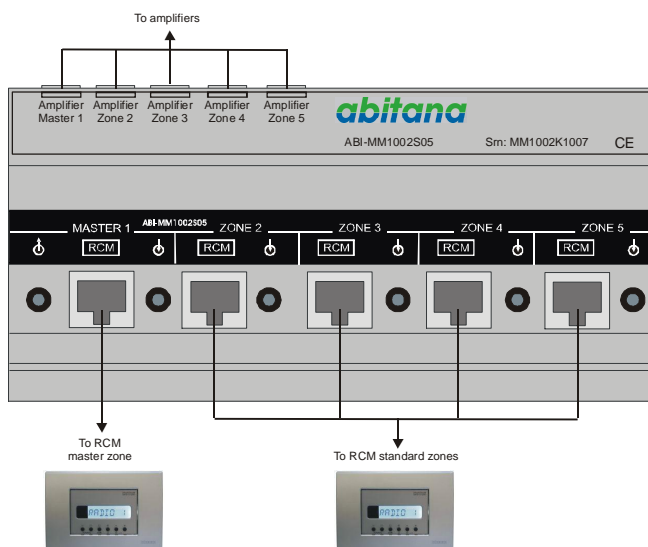
Warning: INPUT2 on the master module is unusable.

Example - Party time.

During a party, it is nice to be able to enjoy the same music in all the rooms available to your guests.

In the living room (previously selected as the master zone) you can select your favourite music on your media player or MP3 player connected to the local input (INPUT1)

In all the rooms available to your guests you simply have to select the network input (INPUT2) to enjoy the same music.



Listening possibilities

	Master zone	Zone 2 t/m 5
FM Tuner	Local, built-in the RCM of the master zone	Local, built-in the RCM of the concerning zone
INPUT 1	Local source connected to the 3.5mm input in the master zone.	Local source connected to the 3.5mm input in concerning zone.
INPUT 2	Not available in this configuration	Same music as in the master zone

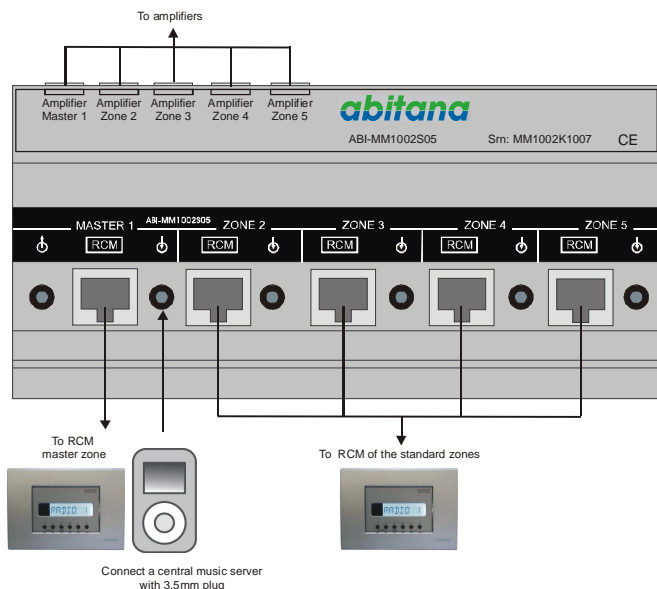
5.2 Implementation of the master overrule

You can overrule the master zone function by connecting a central source to the network module by using the 3,5mm jack (master input).

The selection in the MASTER zone is no longer used as a source and when on the RCM in the master zone INPUT2 is selected, the MASTER zone also reproduces the sound from the central source.

With this set up, it is possible to connect centralized music server to the system.

Every Zone (including the master zone) can listen to this server by selecting INPUT2



Listening possibilities

	Master zone	Zone 2 t/m 5
FM Tuner	Local, built-in the RCM of the master zone	Local, built-in the RCM of the concerning zone
INPUT 1	Local source connected to the 3.5mm input in the master zone.	Local source connected to the 3.5mm input in concerning zone.
INPUT 2	Central music source connected to the 3.5mm master input.	Central music source connected to the 3.5mm master input.

5.3 Implementation Zone input 2 overrule

Every standard zone has also a 3,5mm audio jack inputs on the network module.

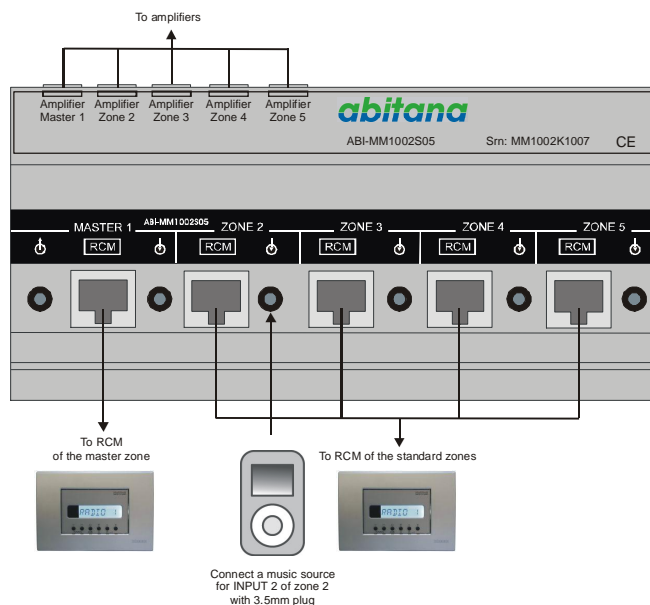
Whenever a source is connected to the audio jack, the selected zone's network source (INPUT2) is disconnected and the source connected to the audio jack becomes the source for INPUT2 in this zone.

Example – Party time input 2 overrule:

During a party, it is nice to be able to enjoy the same music in all the rooms available to your guests.

Thanks to the standard master implantation you can listen to the same music in all rooms. In the hobby room (e.g. zone 2) however, the children want to listen to different music.

This can be done by connecting another music source to the 3.5mm jack of zone 2. By selecting INPUT 2 of the RCM of zone 2, you can listen to the connected source.



Listening possibilities

	Master zon	Zone 2 t/m 5
FM Tuner	Local, built-in the RCM of the master zone	Local, built-in the RCM of the concerning zone
INPUT 1	Local source connected to the 3.5mm input in the master zone.	Local source connected to the 3.5mm input in concerning zone.
INPUT 2	Depends on the configuration see §5.1 and §5.2	Central music source connected to the 3.5mm input of the concerning zone

6 More then 5 zones

To interconnect more then 5 zones, max. 2 multiroom modules can be cascaded.

Connect the 3.5mm master output of the first module with the 3.5mm master input of the second module. Please not that all zones of the 2nd module will be standard zones.

