

# Table of Contents

<b>Getting to Know the Mirage Media Server</b> .....	<b>1</b>
<u>Rack Mounting</u> .....	1
<u>Cloud Synchronization Features</u> .....	2
<u>What You'll Need to Get Started</u> .....	3
<u>Control System Connections</u> .....	4
<u>Video Connections</u> .....	5
<u>Audio Connections</u> .....	6
<u>Network Connection</u> .....	7
<u>Accessories Included with the MMS</u> .....	8
<u>Mirage Media Server Connections</u> .....	9
<u>Things You Can Do With Your Mirage Media Server</u> .....	10
<u>Control System Integration</u> .....	12
<u>Streaming Services</u> .....	13
<u>Mirage Media Server Overview</u> .....	14

# Getting to Know the Mirage Media Server

Getting to Know the Mirage Media Server

## Rack Mounting

Updated: 11/1/2013

Category: Mirage Media Server

Products: Mirage Media Servers MMS-2, MMS-2A, MMS-5, MMS-5A

The MMS-2A and MMS-5A come configured for a shelf mount installation. For rack mount installs, remove

the four feet from the bottom of the chassis and install the two supplied rack mount ears to the

front sides of the unit.

The MMS-2 is designed for shelf-mount installations. However, should you wish to rack mount

the unit, Middle Atlantic manufactures a rack mount shelf and faceplate customized to fit the MMS-2.

## Cloud Synchronization Features

Updated: 11/1/2013

Category: Mirage Media Server

Products: Mirage Media Servers MMS-2, MMS-2A, MMS-5, MMS-5A

For the ultimate in hands-off library management, the MMS can synchronize with Amazon's Cloud Drive<sup>®</sup> or Apple iCloud<sup>®</sup> (through iTunes). This unique feature provides you with several distinct benefits:

1. All of your content can be bi-directionally synchronized with MMS servers at multiple locations simply by entering the same credentials at each site.
2. All of your content is securely backed up offsite on Amazon's or Apple's servers.
3. You can access your entire library wherever life takes you, using a number of different applications available on Android and Apple iOS mobile devices or with your laptop.
4. You can configure your MMS so that any time you purchase new music either at home or on-the-go with your mobile device, it is automatically added to your home library (or other connected locations).

## What You'll Need to Get Started

Updated: 11/1/2013

Category: Mirage Media Server

Products: Mirage Media Servers MMS-2, MMS-2A, MMS-5, MMS-5A

• A network router or switch connected to the Internet with an available Ethernet port.

• A standard (straight-through) Category 5 or Category 6 Ethernet cable.

• A computer (Windows or Mac) connected to the same network as the MMS.

## **Control System Connections**

Updated: 11/1/2013

Category: Mirage Media Server

Products: Mirage Media Servers MMS-2, MMS-2A, MMS-5, MMS-5A

If you are using an IP based control system, the Mirage Media Server can be controlled over IP

port 5004, and no further connections are necessary.

More information and control system modules for Crestron, AMX, RTI, Control4 and URC systems are available at [www.autonomic-controls.com/support\\_downloads.php](http://www.autonomic-controls.com/support_downloads.php).

## Video Connections

Updated: 11/1/2013

Category: Mirage Media Server

Products: Mirage Media Servers MMS-2, MMS-2A, MMS-5, MMS-5A

You can use the MMS On-screen Display to browse content, view photo slideshows and see

now-playing information about your audio program, you may connect the DVI or HDMI video

outputs to a compatible display device.

**NOTE: Some HDMI receivers and switches can have compatibility issues with the MMS. If you receive**

**an error message on screen, or if the MMS seems non-responsive, try plugging the HDMI cable**

**directly into the display, bypassing any adaptors, switches, or AV receivers.**

## Audio Connections

Updated: 11/1/2013

Category: Mirage Media Server

Products: Mirage Media Servers MMS-2, MMS-2A, MMS-5, MMS-5A

Using the supplied audio cables, connect 1-4 of the analog audio outputs to source inputs on

your amplifier or receiver. You may also connect the digital audio output and/or the USB audio

cable to a compatible amplifier. The digital output on the MMS-5A supports 24-bit/192kHz digital audio, and the MMS-2 supports 24-bit/96 kHz audio.

**NOTE: The MMS-2 utilizes jack detection technology to sense which audio outputs are connected. You**

**will not be able to control or access any analog audio channel that does not have the adapter**

**plugged in.**

## **Network Connection**

Updated: 11/1/2013

Category: Mirage Media Server

Products: Mirage Media Servers MMS-2, MMS-2A, MMS-5, MMS-5A

Using a standard (straight through) Category 5 or Category 6 Ethernet cable, connect the Ethernet port on the MMS to an available port on your network router or switch.



## Accessories Included with the MMS

Updated: 11/1/2013

Category: Mirage Media Server

Products: Mirage Media Servers MMS-2, MMS-2A, MMS-5, MMS-5A

• AC power cable and power supply

• High quality analog audio cables

• Digital coaxial interconnect (MMS-5A) or fiber optic Toslink digital audio cable (MMS-2)

• Four removable feet (for shelf-mount installations)

• Removable rack mount ears (MMS-5A)

• IR remote control for the on-screen display and media browsing (MMS-5A)

## Mirage Media Server Connections

Updated: 11/1/2013

Category: Mirage Media Server

Products: Mirage Media Servers MMS-2, MMS-2A, MMS-5, MMS-5A

Your server has several ports on the back for connecting your audio, networking, and control system gear. (Refer to the diagram on the Quick Start Guide included with your server for connection recommendations.)

- HDMI and DVI video ports for connecting to a television or other display
- Four (MMS-5A) or one (MMS-2) analog stereo audio outputs
- One coaxial (MMS-5A) or Toslink (MMS-2) digital audio connection
- One jitter-free audiophile USB audio output (MMS-5A only)
- One Ethernet 10/100/1000 Base-T Gigabit Ethernet Local Area Network (LAN) port for broadband media services and control system interface
- Multiple USB and eSATA ports for storage expansion (available in a future firmware release)

The MMS front panel has a power button and a power LED. The MMS-5A also has a blue accent light that can be turned off if desired using a toggle switch on the back panel.

**NOTE: It's important to make all necessary connections to the Mirage Media Server before turning it**

**on for the first time.**

Certain aspects of the configuration are automatically set the first time you power on the device based on the connections that are present. While these can always be changed later, your

installation will go smoother if you make all the connections first.

## Things You Can Do With Your Mirage Media Server

Updated: 11/1/2013

Category: Mirage Media Server

Products: Mirage Media Servers MMS-2, MMS-2A, MMS-5, MMS-5A

• Listen to six (MMS-5A) or two (MMS-2) discreet audio channels in different parts of your home.

• Play back audiophile grade uncompressed, lossless 24-bit/192kHz or 24-bit/96kHz audio files

through analog, digital coax or USB outputs.

• Browse music and control playback from around your home using a web browser, your iPhone/iPad, or a professionally installed control system such as Crestron, AMX, RTI or URC.

• Access an online library of tens of thousands of albums with Rhapsody or Spotify.

• Listen to SiriusXM online without having to install an antenna.

• Create custom radio stations that play only music you love using Pandora or Last.fm Internet radio.

• Browse thousands of AM and FM radio broadcasts around the world using TuneIn Internet

Radio service.

• Synchronize with the Amazon Cloud Drive or Apple iCloud (through the Mirage Media Sync

and iTunes) to access your media anywhere in the world using a web browser, iPhone/iPad,

Android, or Windows Mobile devices.

• Synchronize the content of multiple Mirage Media Servers located anywhere on the planet.

• Play content from any iOS device through your home audio system using the built in AirPlay receiver.

• Watch a slideshow of your favorite photos on a remote display along side information about

the music that's playing.

## Control System Integration

Updated: 11/1/2013

Category: Control Systems

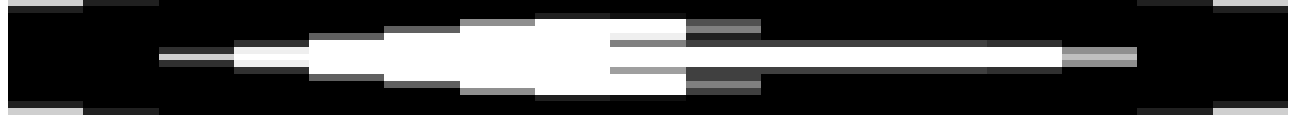
Products: Mirage Media Servers MMS-2, MMS-2A, MMS-5, MMS-5A

The Mirage Media Server is designed and engineered to work seamlessly in an automated home

environment. Autonomic works closely with all of the leading control system manufacturers and their dealers to ensure the smoothest operation and access to all of the features of the MMS

on control system touchpanels or automation applications. Autonomic has partnered with Crestron, AMX, URC, Control4 and RTI to provides modules, UI templates and other tools you

need for a successful integration.



## Streaming Services

Updated: 11/1/2013

Category: Streaming Services

Products: Mirage Media Servers MMS-2, MMS-2A, MMS-5, MMS-5A

The MMS provides access to several online music services through your Internet connection,

such as PANDORA® Internet Radio, Rhapsody®, Last.fm, SiriusXM Internet Radio, Spotify

and TuneIn.



Autonomic is constantly working with more content service providers to bring you even more

of the best Internet-delivered media in future firmware updates.

To keep your library organized, your MMS comes preloaded with software to install onto your

Mac or PC that will automatically keep your music files and playlists synchronized with your server. This software can be downloaded from your server onto your computers once your

MMS is setup on your home network. Whenever you purchase, download or copy new content

onto your computer, the Mirage Media Sync software will automatically catalog it and send it to

your MMS server for on-demand playback.

You can also configure the MMS to stream content from your NAS device or other shared network storage for unlimited storage capabilities.

## Mirage Media Server Overview

Updated: 11/1/2013

Category: Mirage Media Server

Products: Mirage Media Servers MMS-2, MMS-2A, MMS-5, MMS-5A

The Mirage Media Server (MMS) product line offers both state-of-the-art, high performance audio and the unparalleled convenience of accessing all your local audio content and streaming Internet services with a single device.

You can play multiple independent streams of audio (six on the MMS-5A, or two on the MMS-2) using analog, digital, or pristine jitter-free, bit perfect high definition USB audio (HD-USB on MMS-5A only) for audiophile DACs and high-end amplifiers that have digital USB inputs.

The MMS offers advanced playback capabilities of nearly every available audio format and will up-convert or pass through full 192kHz/24-bit (MMS-5A), and 96 kHz/24 bit (MMS-2) sampling rates. (See Appendix A, Specifications for more details).

The external power supply provides for virtually silent operation, and customers can opt for the solid-state storage option for completely silent operation and the ultimate in reliability and performance (SSD option available only on the MMS-5A).

Your MMS has one video output to display Now Playing information for any of the audio outputs, and can display photo slideshows of pictures stored on the server.