AUTONOMIC

QUICK START GUIDE

For Setting Up The Mirage Audio System

CEDIA™ ESA ELECTRONIC SECURITY ASSOCIATION® Consumer Technology Association™ Member

MIRAGE
AUDIO SYSTEM

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AUDIO SYSTEM

1. HARDWARE PREPARATION

Connect to the Network

a. Connect the server and amplifier to the network. If you have multiple amplifiers, connect only the first amplifier to the network. (See **Stacking Amps**, below.)
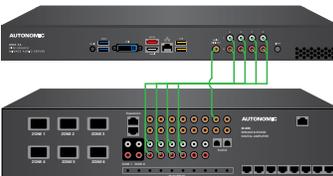
Modem
Router

Connect Digital Audio Cable

b. Connect the coax digital output (labeled **Main** on the Mirage Media Server) to the digital input (**S5** on the M-400), or (**S7** on the M-800), leaving inputs with analog available to the analog outputs of the Mirage Media Server.
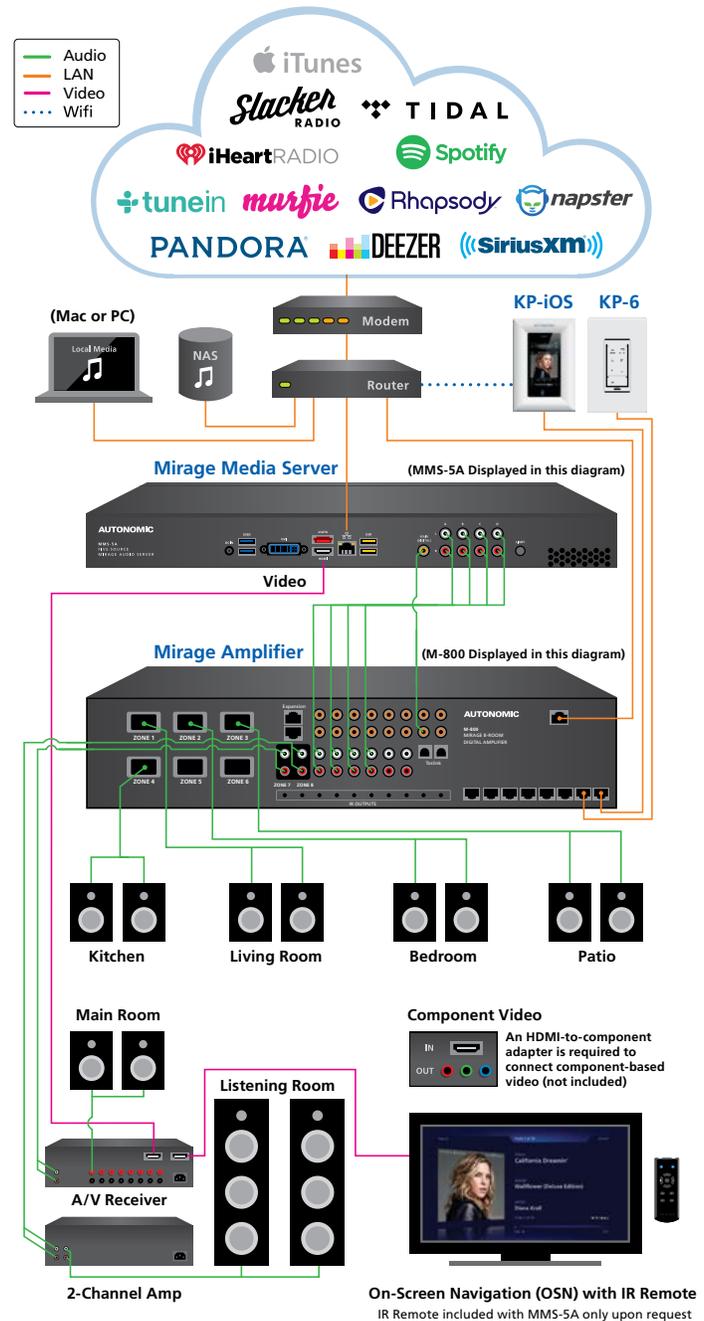
Connect Analog Audio Cables

c. Connect the source inputs to the analog outputs in sequential order.

Power On the Server

d. Press the power button on the Mirage Media Server. The Mirage Amplifier will power on when plugged in. It's recommended to attach a display when first powering up the Mirage Media Server, as the IP address will display on-screen.

e. Wait 2–3 minutes for the server to run the initial boot-up.

f. If your server is connected to a video display, wait until the Now Playing screen shows.
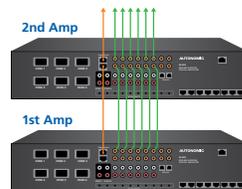
TYPICAL SYSTEM CONFIGURATION

— Audio
— LAN
— Video
···· Wifi

iTunes
Slacker RADIO
TIDAL
iHeartRADIO
Spotify
tunein
murfie
Rhapsody
napster
PANDORA
DEEZER
SiriusXM

(Mac or PC)
Local Media
NAS
Modem
Router
KP-iOS   KP-6

Mirage Media Server   (MMS-5A Displayed in this diagram)

Video

Mirage Amplifier   (M-800 Displayed in this diagram)

ZONE 1 ZONE 2 ZONE 3
ZONE 4 ZONE 5 ZONE 6

Kitchen   Living Room   Bedroom   Patio

Main Room

Listening Room

Component Video

IN
OUT

An HDMI-to-component adapter is required to connect component-based video (not included)

A/V Receiver

2-Channel Amp

On-Screen Navigation (OSN) with IR Remote
IR Remote included with MMS-5A only upon request

Stacking Amps

If the system contains multiple Mirage amplifiers, attach a standard, straight-through cat 5 cable from the upper Expansion Port on the first amplifier to the lower Expansion Port on subsequent amplifiers. Additionally, for each source attach a coax RCA cable from the source's digital output on the first amplifier in the chain and so forth. Repeat for each amplifier in the chain.

Subsequent M-800 or M-400 Amps

2nd Amp

1st Amp

Identifying Multiple Amps in a Stack

Use the amplifier's MAC address to identify which amps connect to each zone.

Mac Address

How to Find the Server's MAC Address

The MAC address of the server can be found on the **Server Settings** tab of the server's web configuration listed next to **Wired Ethernet**.

Synchronize amplifier's clock.

Wired Ethernet
Connection

2. NETWORK & SOFTWARE CONFIGURATION

▶ **Connect to Mirage Web Configuration**

a. Connect to the Server at: **http://<server IP or network name>/config**. If using an MMS-5A, the default network name is **MIRAGE-1**. If using an MMS-2A, the default network name is **MMS-2** (for example, **http://MMS-2/config**). If the default name does not work, you may have to use the IP address assigned to the server by your router instead. Both servers display their IP addresses on their video outputs during boot-up.

NOTE: On some computers (especially Macs) you will need to add the **.local** suffix to the end of the server name (for example, **http://Mirage-1.local/config**).

▶ **Network Setup**

b. First, set up the IP address. For system stability, each networked device must always maintain the same IP address. It's strongly recommended to use DHCP reservations based on MAC address. If reservations are not possible, static IP addresses outside the DHCP range is the next best option. Leaving the units on unreserved DHCP will then not be supported on the server, and the amps must be able to reliably reach each other over IP, and there is a chance for one unit or the other to change IP addresses.

▶ **Configuring the Mirage Media Server & Amplifier**

c. Once all devices have set IP addresses, navigate to the server's **Source Settings** tab, located on the server's web configuration page. Click the drop-down box under the **Audio System** section, and select your Mirage amplifier. Refer to the Mirage Media Server Setup Guide for step-by-step configurations of the MMS Server.

d. Once you have selected the amplifier, configure the source mapping by selecting the amplifier input from the drop-down menu for each MMS output. This configuration must match the physical configuration of the audio cables from the Mirage Media Server to the Mirage amp.

KP·IOS & KP·6 KEYPAD CONFIGURATION

for 4th Gen iPod

The KP-iOS requires a fourth-generation iPod with the standard 30-pin connector.

a. The KP-iOS can be powered by a cat 5 cable connected to the controller ports on the back of any Mirage amplifier in the stack from up to 100 feet. The KP-iOS connects to the Mirage Audio System for control over Wi-fi. Alternatively, the KP-iOS can be powered locally with an optional 15V 2A power supply connected directly to the back of the KP-iOS dock. This eliminates the 100-foot limitation with the cat 5 option.

b. Download the Mirage iOS app from the Apple store to the iPod. Open the **Settings** app. Navigate down to the Mirage app in the list.

c. Set **Stay Connected** to **ON**. This will ensure that the Mirage app doesn't disconnect from the server.

d. Set **Dock Mode** to **ON**. This will keep the iPod from going to sleep, allowing a simple tap on the screen to access the app.

e. Set **Sleep & Wake with Zone** to **ON**. This will dim the screen automatically when the zone is turned off.

f. Set **Hardware Dimming** to **ON**. This will shut off the screen when the zone is turned off, rather than display a black page.

g. Set the Default Zones based on the location of the device. Open the Mirage app, then from the **Zones** screen, tap the gear icon.

It may be desirable to prevent your customers from leaving the Mirage app. To accomplish this, we recommend taking advantage of an iOS feature called Guided Access. This can be configured to require a PIN in order to leave the configured area or the Mirage app.

a. To access this setting, navigate to the iPod's **Settings** app, then **General**, then **Accessibility**.

b. Under **Learning**, select **Guided Access**.

c. Set **Guided Access** to **ON**.

d. Once Guided Access is configured, open the Mirage app normally, then triple-tap the home button on the iPod.

e. The **Guided Access** menu will appear. Select the **Start** option to configure Guided Access.

f. Repeat the process to end **Guided Access** in order to exit the Mirage app.

KP·6

KP-6 configuration can be found in the KP-6 manual located here:

http://www.autonomic-controls.com/KP-6

Control Options

The Mirage Audio System integrates with most major home control systems. Control modules are available at:
http://www.autonomic-controls.com/support_downloads.php

Download the free Mirage Media Controller App

DEEZER · iHeartRADIO · murfie · napster · PANDORA · Rhapsody · SiriusXM · Slacker RADIO · Spotify

TIDAL · tunein · AirPlay · gracenote · Hi·Res AUDIO · TuneBridge · iCloud · iTunes · Windows · X

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