QUICK START GUIDE
For Setting Up The Mirage 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.)

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.

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

Identifying Multiple Amps in a Stack

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

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.

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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.

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.

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.

Configuring the Mirage Media Server & Amplifier

e. Set Stay Connected to ON. This will ensure that the Mirage app doesn’t disconnect from the server.

f. 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.

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

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.

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.

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

KP-6 configuration can be found in the KP-6 manual located here: http://www.autonomic-controls.com/KP-6

KP-6 & KP-6 KEYPAD CONFIGURATION

a. The KP-6 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-6 connects to the Mirage Audio System for control over Wi-Fi. Alternatively, the KP-6 can be powered locally with an optional 15V 2A power supply connected directly to the back of the KP-6 dock. This eliminates the 100-ft limitation with the cat 5 option.

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

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.