INSTRUCTION / INSTALLATION SHEET
lyriQ™ Four Source, Eight Zone Distribution Module

301 Fulling Mill Road, Suite G
Middletown, PA 17057
Phone (800) 321-2343 / Fax (717) 702-2546
www.onqlegrand.com

IS-0327 Rev. B

1. INTRODUCTION

The On-Q /Legrand lyriQ™ Four Source, Eight Zone Distribution Module (P/N AU1002) provides the central connection to which all other parts of a lyriQ™ Multi-source Audio System connect (***see Figure 1***). It receives output from up to four audio sources (via lyriQ™ Triple and Single Source Input units) over Cat 5e cable, and distributes the audio to amplified volume controls in various zones throughout the home.

It is an integral part of the lyriQ™ Audio System, which utilizes Category 5 technology to distribute high quality audio to remote locations via Cat 5e cable, creating a versatile whole-house audio system that will fill your rooms with high quality sound for years to come. This technology provides many advantages over conventional methods of audio distribution, such as simple Category 5 wiring schemes, infrared control of system components, and improved sound quality due to an amplifier being located in every room.

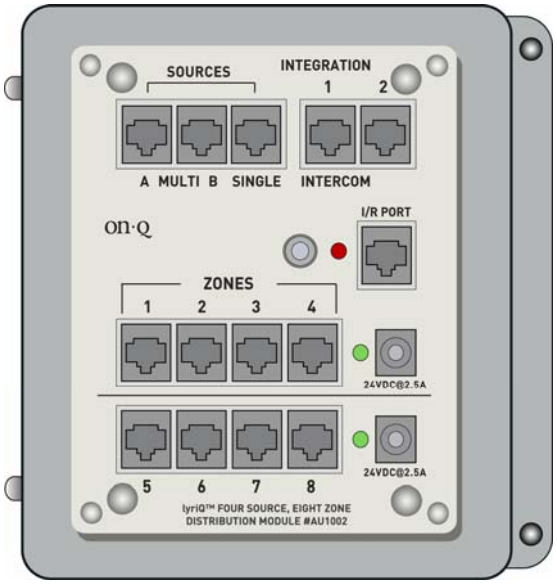


Figure 1

2. DESCRIPTION

All components of a lyriQ™ Multi-source Audio System are wired centrally from the Four Source, Eight Zone Distribution Module which comes on the plate shown in Figure 1 (P/N 364819-01) for mounting within an On-Q style structured wiring enclosure. In addition to providing a central point of connection, the Module distributes the necessary voltage to power the system (one power supply per each four zone group). The lyriQ™ Triple-source and Single-source Inputs and lyriQ™ Keypad Volume Controls connect directly to the module utilizing RJ-45 connections. The system can support expansion by "daisy chaining" lyriQ™ Single Source, Four Zone Distribution Modules, P/N F7396, to any of the eight outputs. The IR RJ45 jack is used to both receive and transmit IR signals and has its own LED for activity status. The Intercom RJ45 jack (first Integration Port) is used to connect to the On-Q Intercom System via the Audio Interrupt Module (P/N ICAIV2X), which is used to mute the lyriQ™ Audio System while someone is using the Intercom System. The second Integration Port is for future use.

NOTE: The two 24 volt, 2.5 amp Power Supplies, P/N F7723, are not included and must be purchased separately.

3. INSTALLATION

Installation of the On-Q/Legrand lyriQ™ Four Source, Eight Zone Distribution Module and related components, is best accomplished at multiple times during new construction, at "Rough-in" before the drywall is installed, and at "Trim-out" after the drywall is installed and painted.

IMPORTANT: Read the manuals that are included with all associated lyriQ™ Audio products before installation of any single component! If you are unsure of any of the following installation procedures contact On-Q/Legrand Technical Support @ 1-800-321-2343 option 1 or contact an On-Q/Legrand installer.

NOTE: The lyriQ™ Four Source, Eight Zone Distribution Module provides power to all of the components of the lyriQ™ Audio System.

NOTE: To provide ultimate flexibility, run three Category 5 cables from the lyriQ™ Source Input area (such as the Entertainment Center area) to the lyriQ™ Four Source, Eight Zone Distribution Module. Also, run a 16/2 or 16/4 speaker cable, along with the Category 5 cable, from the lyriQ™ Four Source, Eight Zone Distribution Module to each volume control location.

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A. "ROUGH-IN" STEPS:

1. Run three Category 5 cables from the room location containing the lyriQ™ Source Inputs (typically the entertainment center location) to the Enclosure.
2. Run Category 5 cables from the room locations which will contain the lyriQ™ Volume Controls to the Enclosure.

B. "TRIM-OUT" STEPS:

NOTE: Make sure that the Power Supply is not connected to the Distribution Module.

1. Install the lyriQ™ Four Source, Eight Zone Distribution Module in an On-Q style enclosure using the included plate's tabs and push pins. If installing into an existing Greyfox style bracket, simply discard the mounting plate and secure the module to the bracket with the push pins in each module corner.
2. Terminate all Category 5 cables with RJ-45 plugs using the T568A wiring standard.
3. Connect the lyriQ™ Single Source Input and Triple Source Input AUDIO OUT jacks via a Category 5 jumper such as the 36" PN 363201-30, to wall jacks with RJ-45 inserts. These jacks in turn should be wired to the SOURCE IN jacks of the lyriQ™ Four Source, Eight Zone Distribution Module (see ***Figure 2***).
4. Connect the Category 5 cables coming from the room locations containing the lyriQ™ Keypad Volume Controls to the Zone Output jacks on the lyriQ™ Four Source, Eight Zone Distribution Module (see ***Figure 2***).
5. If applicable, expand the system by connecting one or more lyriQ™ Single Source, Four Zone Distribution Modules to the Zone Out jacks on the Four Source, Eight Zone Distribution Module.
6. Plug one or two 24 volt power supply cables into the Power jacks on the Distribution Module (depending on Zone usage).
7. Verify system functionality.

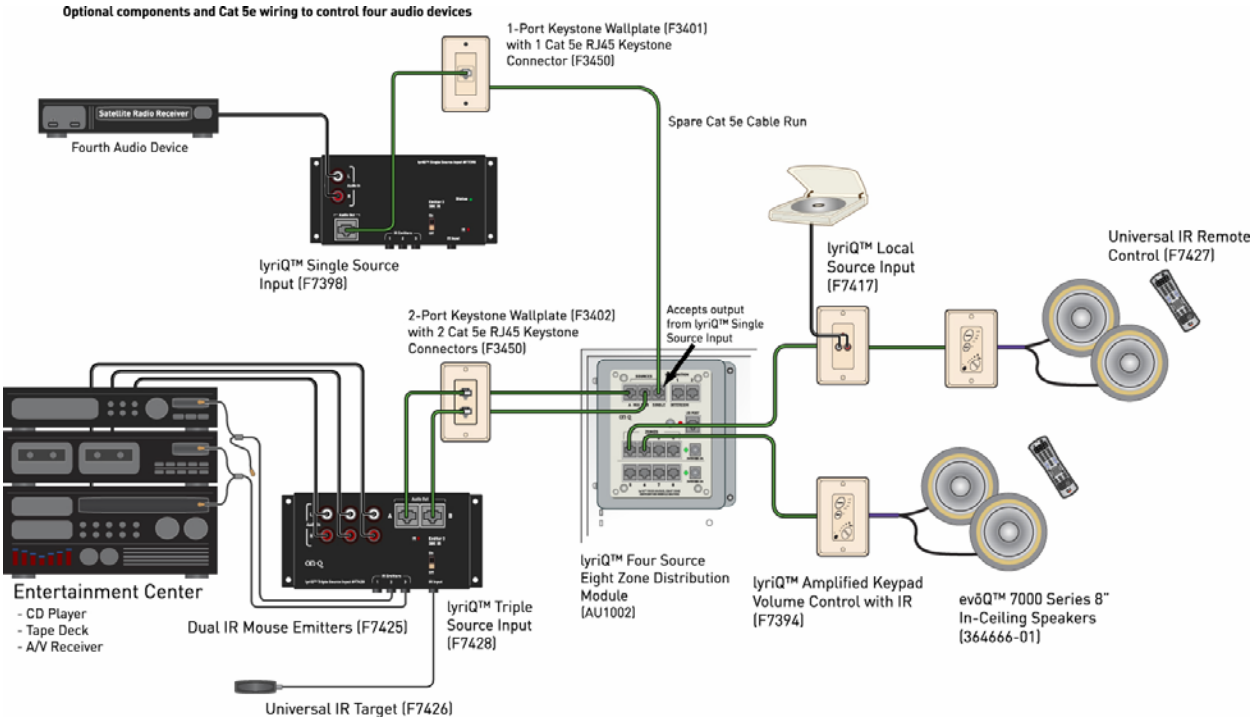


Figure 2

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4. IMPORTANT SAFETY PRECAUTIONS

Read all instructions carefully before installing the lyriQ™ Four Source, Eight Zone Distribution Module.

Read the instructions that are included with all associated lyriQ™ Audio products before installing any single component. If you are unsure of any of the following installation procedures contact On-Q/Legrand Technical Support @ 1-800-321-2343 option 1 or contact an On-Q/Legrand installer.

- **Do not** attempt to service, move or change any component of the lyriQ™ Audio system unless you are qualified to do so.
- This system should be installed by a qualified installer and must conform to all local building and electrical codes.
- **Do not** apply power to the lyriQ™ Audio System until all components have been installed and all wiring has been properly terminated.
- **Do not** attempt to terminate, change or un-install any wiring without first turning off power at the lyriQ™ Four Source, Eight Zone Distribution Module which is located in the Enclosure. Unplug the power transformer that is powering the lyriQ™ Audio System from the power outlet before proceeding with wiring terminations or changes.
- Install each component of this system away from heat sources such as HVAC ducts/registers, stoves or any other heat source.
- **Do not** expose any component that was designed for indoor use to moisture. Doing so can create electrical hazards or render the component unusable. Exposure to moisture will also void the warranty on the system.
- Only use a damp cloth to clean the cover plates of the system components. Do not use vacuum cleaners, liquid or aerosol cleaners.

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