

INSTRUCTION/INSTALLATION SHEET SINGLE SOURCE INPUT

IS-0319 REV. 0

1. Introduction

The On-Q /Legrand Single Source Input, PN F7398 (see **Figure 1**), is an integral part of the Category 5 Audio System. It is a component which, when combined with other essential components and your source equipment receiver, CD player, etc, creates a versatile whole-house audio system that will fill your rooms with high-quality sound for years to come. Category 5 technology is a new, innovative method of providing high quality audio to remote locations with a single 8-conductor cable such as Category 5. This technology provides many advantages over other conventional methods of audio distribution such as simple, single Category 5 wiring scheme, and infrared control of system components.



Figure 1

2. Description

The Single Source Input typically resides at the entertainment center and is connected to the enclosure mounted Audio Distribution Module using a single Category 5 cable run. This Single Source Input requires line level output from the audio source being distributed. If your receiver does not have a dedicated line level or preamp output, use the tape monitor output. The Single Source Input provides RCA jacks for audio source equipment connection. The line level audio signal is sent to the Audio Distribution Module over the Category 5 cable. IR signals that are transmitted to any Category 5 Audio Volume Control within the system are directed to source equipment using IR emitter cables (F7425) that plug into the three 2.5mm jacks on the Single Source Input.

3. Installation

IMPORTANT: Read the manuals that are included with all associated Category 5 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 Single Source Input, like all other On-Q/Legrand Category 5 Audio system components, is powered by the On-Q/Legrand Category 5 Audio Distribution Module.

NOTE: To provide ultimate flexibility for future products, run two Category 5 cables from the Single Source Input to the Single Source 4 Zone Distribution Hub. Also, run a 16/2 or 16/4 speaker cable, along with the Category 5 cable, from the Single Source 4 Zone Distribution Hub to each volume control location.

- A. Run a Category 5 cable from the room location containing the Single Source Input (typically the entertainment center location) to the Category 5 Audio Distribution Module located in the Enclosure.
- B. Make sure that the Power Supply is not connected to the Audio Distribution Hub.

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- C. Connect a pair of RCA interconnect cables from the receiver/pre-amplifier line level output (2nd zone out, tape 1 out, tape 2 out, etc.) to the AUDIO IN jacks of the Single Source Input (see **Figure 2**). It is recommended that you NOT use a pre-amp (or non fixed output) from a receiver/pre-amplifier. If this is used the output will be post the receiver/pre-amplifier volume control thus making the output to the Single Source Input vary with the volume setting of the receiver/pre-amplifier. If a FIXED output like tape 1 or tape 2 is used, it is independent of the volume setting of the receiver/pre-amplifier thus allowing the Category 5 Volume Controls to have full control over the sound level.

NOTE: If the TAPE OUTPUT jack is used and must be shared with a Tape Deck, then audio Y cables can be used.

- D. If IR control is being used plug the emitters into the IR EMITTER outputs and place them onto the IR receiver windows of the source equipment via the peel away adhesive strip.

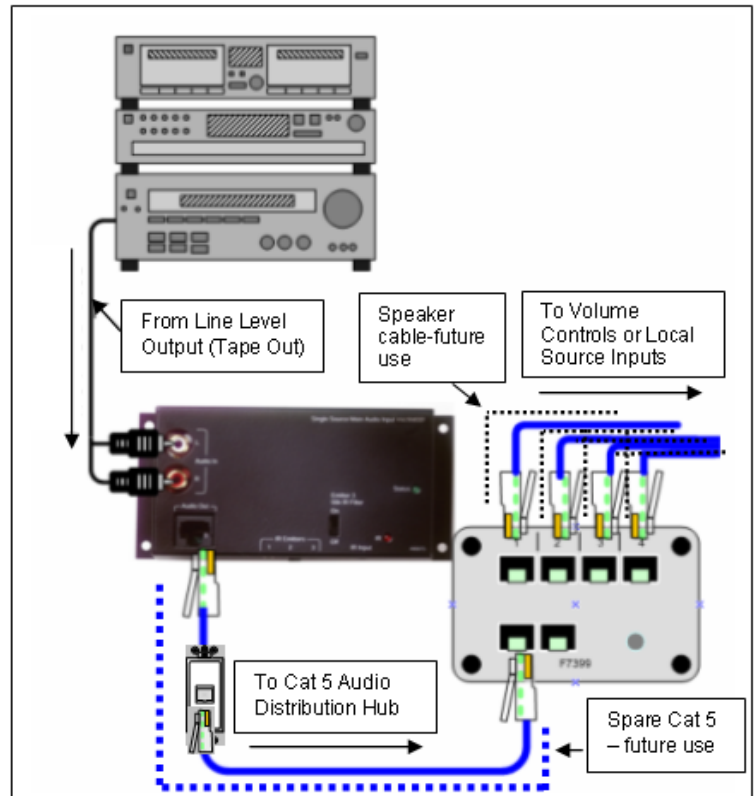


Figure 2

NOTE: With the Emitter 3 switch in the ON position, Emitter 3 outputs 56K accommodating a greater variety of IR transmitters.

- E. If the Universal IR Target, PN F7426, is being used, plug it into the IR INPUT jack on the Single Source Input.
- F. Connect the Single Source Input AUDIO OUT jack via a Category 5 jumper such as the 36" (P/N 363201-30) to a wall jack with an RJ-45 insert. This jack in turn should be wired to the SOURCE IN jack of the Category 5 Audio Distribution Hub (see **Figure 2**).
- G. Check all other system components and then power the Category 5 Audio Distribution Hub.



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

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4. Important Safety Precautions:

READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING THE CATEGORY 5 AUDIO SYSTEM.

- **Do not** attempt to service, move or change any component of this 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 Category 5 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 Category 5 Audio System which is located in the enclosure. Unplug the power transformer that is powering the Category 5 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.