

CUDA ELECTRONICS, INC.

Tapestry @ Pacific Crest, Low-Voltage Manual

Plan 3

TAPESTRY @ PACIFIC CREST, LOW-VOLTAGE MANUAL

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Prepared by:



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Audio

Family Room

The family room is pre-wired for:

- 7-channel surround sound system
- Multi-zone audio to Master Bedroom

7 - Channel Surround Sound

The surround sound wiring consists of 16 AWG, copper, stranded, speaker wire and is run from behind a blank plate in the media niche to six locations in the ceiling. The locations of the wires are marked on the ceiling by a small white plastic plug.

The family room also includes one shielded coaxial cable for the subwoofer, which runs from behind the blank plate on the wall near the rear of the room to a blank plate in the media niche.

Multi-Zone Audio

The family room includes a 16/4 speaker wire and Category 5 wire from behind a blank plate in the media niche to a blank plate on the wall in the master bedroom, located near the light switch. This wire is to drive a volume control from the system in the family room.

Also, It includes a 16/4 speaker wire and Category 5 wire from behind a blank plate in the media niche to the wiring enclosure. The purpose of this wire is to allow for future system expansion. This wire may be accessed from the attic and run to other rooms for additional speakers.

Note: The purpose for the Category 5 wire is to allow for Infrared remote control.

Master Bedroom

The Master Bedroom is pre-wired for:

- 2- channel stereo system
- Multi-zone audio from Family Room

2 - Channel Stereo

The 2-channel sound wiring consists of 16/4 speaker wire and Category 5 wire from behind a blank plate near the video outlet to the volume control location near the light switches. From there two 16/2 AWG, copper, stranded, speaker wires run to the ceiling. The locations of the wires are marked on the ceiling by a small white plastic plug.

Note: These speakers may also be used as the rear surround channels.

Multi-Zone Audio

The Master Bedroom includes a 16/4 speaker wire and Category 5 wire from behind a blank plate in the media niche to a blank plate on the wall in the master bedroom, located near the light switches. This wire is to drive a volume control from the system in the family room. The wiring will allow for the speakers to be used as multi-zone or surround sound with the installations of a source selector.

Note: The purpose for the Category 5 wire is to allow for Infrared remote control.

Video

All Rooms (*excludes Dining/ Living Room*)

Satellite/Antenna

On the Southeast facing side of each home is a blank plate, which houses six RG-6 coaxial cables. These cables run to the wiring enclosure. Most satellite systems use up to four coaxial cables to drive four or more televisions. The fifth wire may be used for a FM antenna, high definition antenna, or standard off-air television antenna.

All rooms have two RG-6 Coaxial cables located behind the TV outlet. These cables all run to the wiring enclosure. This is where one of the two is to be connected to the satellite source. Both cables may be used to connect a dual source satellite receiver.

Cable

On the side of the garage there is a box labeled "Television." There are two RG-6 coaxial cables in this box. They run to the wiring enclosure, where they may be distributed to rooms requiring cable TV.

All rooms have two RG-6 Coaxial cables located behind the TV outlet. These cables all run to the wiring enclosure. This is where one of the two is to be connected to the cable source.

Distributed Video

Because only one of the two RG-6 coaxial cables will be used for satellite or cable it leaves one cable unused. This unused cable may be used for a number of features. Such as a camera system or shared satellite receiver.

Additional Cables

Behind every telephone jack wall plate is an additional RG-6 cable, which offers the flexible of having the cable/satellite signal on the opposite side of the room.

Network

All Rooms *(excludes Kitchen/Nook, Dining/Living Room)*

All rooms are pre-wired for:

- File/Printer/Internet Sharing
- DSL

File/Printer/Internet Sharing

Each room includes two category 5e cables located behind the TV outlet and run to the wiring enclosure. One of these cables is intended to be used as a computer network cable. In order to use this feature the cables need to be terminated in the room and in the wiring enclosure. If more than two computers are going to be connected together a hub is required. The hub may be placed in the wiring enclosure. If the purpose of the network is to share Internet connections, then a router/hub is required.

Note: The Kitchen only has one category 5e cable, but may be used for networking and still be used for phone.

DSL

Two category 5e cables run from a box on the side of the garage labeled “Telephone”. These cables run to the wiring enclosure. One of the two is intended to be a separate line for high-speed Internet, such as DSL. A modem is required to use DSL. Usually, this modem is ordered from Pacific Bell. The modem may be placed in the wiring enclosure; there it may connect to one room or a router/hub.

Phone

All Rooms *(excludes Dining/Living Room)*

All rooms are pre-wired for:

- Multi-Line
- Multi-Location

Multi-Line

Each room includes a single category 5e cable, which runs from a phone jack to the wiring enclosure. In the wiring enclosure, some of the cables are terminated on a wiring Telecom Module. One of the two category 5e cables running from the side of the garage is terminated to the Telecom Module as the source.

Category 5e cables include 4 pairs of wire. This means that PacBell may provide you with 4 different phone numbers using that one cable. If more numbers are required the second (DSL) category 5e cable may be used, which makes 8 possible phone numbers.

The jacks are wired for one phone number each. In order to use a multi-line phone the jack must be re-wired accordingly.

Multi-Location

Each room also includes a category 5e cable behind the TV outlet. This cable runs to the wiring enclosure, but is not terminated. The purpose of this wire is to allow for the phone outlet to be moved to the other side of the room or offer a phone jack for satellite receivers or PVR service.

Contact Info

For more information about your homes Audio, Video, Data, Voice cabling or to schedule a quote for custom cabling, please contact:

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Thank you for Choosing Cuda Electronics!