

# Glossary

- C** CAT5. A description of network cabling that consists of four twisted pairs of copper wire terminated by an RJ-45 connector.
- ControLinX*. Integrates and controls supported brands of lighting, automated heating and cooling, and other subsystems with your *DigiLinX* IP-Based Multi-Room Audio and Control system via IR, RS-232, or voltage sensor inputs.
- D** Daemon. A program that runs unattended to perform continuous or periodic systemwide functions, such as network control.
- DigiLinX*. IP-Based Multi-Room Audio distribution that offers super high quality multi-room audio and control. The *DigiLinX* system distributes audio over CAT5 using TCP/IP on a segmented section of an Ethernet network – the Home Entertainment Network, with no additional networking equipment requirements. *DigiLinX* converts audio from a legacy source, in real-time, into uncompressed audio streams (WAV), allowing up to 24-bit/96kHz, studio quality audio to be distributed throughout a home or commercial facility. The level of audio performance is limited only by the quality of the source material.
- Domain Name System (DNS). The system that translates Internet domain names into IP numbers.
- E** EIM. Expansion Interface Module. A port used for expanding the capabilities of a device. EIM is supported in both *DigiLinX* and *Musica*.
- Ethernet cable. A twisted pair cable used to connect computers, hubs, switches, routers, voiceboxes etc.
- F** Favorites. Buttons that perform macros of common tasks and settings.
- Firmware. Instructions and data programmed into the circuits responsible for controlling the operation of peripheral devices.
- G** Gateway. The IP address of a network point that acts as an entrance to another network.
- General Purpose Driver. Allows you to connect to additional third-party devices (for instance environment or lighting) and control it from a *DigiLinX* system.
- Group. A group is a collection of services (like rooms or intercoms) can be combined to work in unison.
- H** HVAC (Heating, Ventilation and Air Conditioning). A system that provides heating, ventilating, and/or cooling within or associated with a building.

- I** Internet Protocol. A packet-based protocol for delivering data across networks
- Infrared. A wireless medium of remote control, which sends signals to a device via pulses, transmitted in the infrared light spectrum. Its use is restricted to equipment within line-of-sight or reflections off a wall or ceiling.
- K** *KeyLinX*. The KL101/201 *KeyLinX* keypads are single-gang in-wall keypads that work for applications or audio zones where basic control of audio is all that is required.
- L** LCD (Liquid Crystal Display). A type of display used in digital watches and many portable computers.
- Legacy Source. Any source (device) that does not have an ethernet connection and must be converted from analog or digital audio signal to a TCP/IP stream for a network. Examples are older turntables and cassette players.
- Light-Emitting Diode (LED). A semiconductor light source that emits visible light or invisible infrared radiation.
- Local Area Network/Wide Area Network (LAN/WAN). A LAN is a computer network that spans a relatively small area. A WAN is a network of LANs.
- M** Macro. Multiple actions frequently used. Attached to a Favorite to allow consumers one-touch access to common settings and tasks.
- MediaLinX*. Converts traditional audio sources to TCP/IP-Based streams. Features RCA and Coaxial Digital Inputs for the connection of a CD player, cassette or other audio source as well as loop out jacks for local system connection. Includes video sensing, power sensing, and IR outputs for easy control.
- Media Server. A device that processes multimedia applications.
- N** Native Source. A source with an ethernet connection that does not need to be converted to get on a network. Examples are computers (MP3 and WAV files only) and media servers.
- P** *PowerLinX*<sup>™</sup>. Power supply for one *SpeakerLinX*, *MediaLinX*, or *TouchLinX*.
- Power Sensing is the ability to tell whether a source component is powered on or off.
- Preset. Programmable button.
- R** RCA Cable. The standard, single-ended analog cables used to connect audio and video devices to each other.
- Real Time Streaming Protocol (RTSP). A client/server communication protocol that simplifies the distribution of multimedia contents on the Internet.
- Registered Jack 45 (RJ45) - Modular 8 pin connector.

Regional Sales Manager (RSM).

RS-232. A serial device control protocol that allows for computers to control video decks and other hardware.

**S** Sony/Philips Digital Interface (S/PDIF). A format for sending digital audio information.

*SpeakerLinX*. An intelligent room controller/amplifier. The *SpeakerLinX* SL220/SL250 is a 2 x 20 Watt IP-Based amplifier with high quality distribution and control. The SL220/SL250 not only acts as the amplifier, it also serves as the network controller with an integrated web server. Burr Brown® D/A converters ensure the highest audio quality. Decodes and plays uncompressed (WAV) as well as MP3 files.

Stream. Video or audio transmitted over a network that users can begin to play immediately instead of waiting for the entire file to download.

*StreamNet*. Technology used to manage audio/video streams.

Subnet Mask. Determines where the network number in an IP address ends and the node number in an IP address begins. A node is anything on a network that needs an IP address to communicate (a PC, server, router, etc.).

Subscriber. An external control system such as Crestron or AMX.

*SwitchLinX*. A 24-port IGMP-enabled managed Ethernet switch is designed specifically for handling the high demands of IP-Based networked Multi-Room Audio/Video.

**T** Thin Film Transistor (TFT). A type of LCD flat panel display screen in which each pixel is controlled by one to four transistors.

*TouchLinX*. This IP-Based in-wall LCD touch screen keypad features a 3.8-inch, high resolution, TFT color LCD touch panel, which displays the metadata (artist, album, song, cover art) and transport controls available for each audio source or *SpeakerLinX* module.

Transmission Control Protocol/Internet Protocol (TCP/IP). a combined set of protocols that performs the transfer of data between two computers.

*TheaterLinX*. This IP-Based home theater bridge allows audio sources connected to an AVR to be accessed from the multi-room system and sources from the multi-room system to be played through the AVR.

