



ListenPoint® Architect Specifications

LPT-S3 ListenPoint Basic Soundfield System

The LPT-S3 Basic Soundfield System shall consist of one (1) LPT-C2 Control Unit, one (1) LPT-R12 Room Module and four (4) LPT-A104 Ceiling Speakers. The system shall be capable of the addition of two M1 microphones. The control unit shall be capable of accepting two (2) unbalanced stereo inputs. The unit shall incorporate a single digital rotary control and LCD display for selecting audio, setting volume, system customization, and status of the microphones. The control unit shall incorporate automatic audio selection of audio sources. The unit shall be capable of being configured via a USB port. The unit shall be capable of being mounted on wall or table by means of a snap in platform and shall be wall, desk, or rack mountable. The room module shall connect to a control unit using a standard Cat-5e cable and shall provide bi-directional communication with infrared M1 microphones by means of an emitter-sensor built in to the room module. The room module shall accept up to two (2) microphones simultaneously and the microphones must be capable of auto-registering. The room module shall be capable of driving four independent speaker zones with a total power of 60 watts (RMS) at four ohms impedance. The room module shall provide high-resolution equalization for popular ceiling speaker models and provide a seven-band equalizer, consisting of two tone controls and five bands of fully parametric equalization for room equalization. The room module shall provide 512 points of speaker equalization specific to certain speaker brands and five-bands/two tone control room equalization. The room module shall have the capability of an integrated assistive listening transmitter. The room module shall be capable of adding two (2) additional IR sensors. The unit shall have a bidirectional RS-485 communications port that allows the system to communicate from and to other audio-visual products and control systems. The room module shall accept an external paging input that shall reduce the speaker level when paging audio is present. A general-purpose interface shall provide an isolated input and a SPDT relay out that shall accept and deliver controls to external equipment. The room module shall snap into a mounting platform that can be mounted to wallboard and ceiling tile and shall have a cable cover. The room module (except for the IR lens) shall be paintable. The LPT-S3 Basic Soundfield System is specified.

LPT-S4 ListenPoint Basic Assistive Listening Soundfield System

The LPT-S4 Basic Assistive Listening Soundfield System shall consist of one (1) LPT-C2 Control Unit, one (1) LPT-R12 Room Module, one (1) LPT-T216 Assistive Listening Transmitter, two (2) LR-400-216 Receivers, and four (4) LPT-A104 Ceiling Speakers. The system shall be capable of the addition of two M1 microphones. The control unit shall be capable of accepting two (2) unbalanced stereo inputs. The unit shall incorporate a single digital rotary



control and LCD display for selecting audio, setting volume, system customization, and status of the microphones. The control unit shall incorporate automatic audio selection of audio sources. The unit shall be capable of being configured via a USB port. The unit shall be capable of being mounted on wall or table by means of a snap in platform and shall be wall, desk, or rack mountable. The room module shall connect to a control unit using a standard Cat-5e cable and shall provide bi-directional communication with infrared M1 microphones by means of an emitter-sensor built in to the room module. The room module shall accept up to two (2) microphones simultaneously and the microphones must be capable of auto-registering. The room module shall be capable of driving four independent speaker zones with a total power of 60 watts (RMS) at four ohms impedance. The room module shall provide high-resolution equalization for popular ceiling speaker models and provide a seven-band equalizer, consisting of two tone controls and five bands of fully parametric equalization for room equalization. The room module shall provide 512 points of speaker equalization specific to certain speaker brands and five-bands/two tone control room equalization. The room module shall be capable of adding two (2) additional IR sensors. The unit shall have a bidirectional RS-485 communications port that allows the system to communicate from and to other audio-visual products and control systems. The room module shall accept an external paging input that shall reduce the speaker level when paging audio is present. A general-purpose interface shall provide an isolated input and a SPDT relay out that shall accept and deliver controls to external equipment. The room module shall snap into a mounting platform that can be mounted to wallboard and ceiling tile and shall have a cable cover. The room module (except for the IR lens) shall be paintable. The Assistive Listening module shall be capable of broadcasting on 57 channels within the 216 MHz frequency range. The device shall broadcast on both wide and narrow band channels with a SNR of 70 dB or greater. The module shall have an audio frequency response of 50 Hz to 10 kHz, ± 3 dB. The LPT-T216 Assistive Listening module shall connect to the ListenPoint® room module using a Cat-5e cable. The LPT-S4 Basic Assistive Listening Soundfield System is specified.

LPT-S1 ListenPoint Standard Soundfield System

The LPT-S1 Standard Soundfield System shall consist of one (1) LPT-C2 Control Unit, one (1) LPT-R12 Room Module and one (1) M1 Microphone/Media Interface Kit. The system shall be capable of the addition of one M1 microphone. The control unit shall be capable of accepting two (2) unbalanced stereo inputs. The unit shall incorporate a single digital rotary control and LCD display for selecting audio, setting volume, system customization, and status of the microphones. The control unit shall incorporate automatic audio selection of audio sources. The unit shall be capable of being configured via a USB port. The unit shall be capable of being mounted on wall or table by means of a snap in platform and shall be wall, desk, or rack mountable. The room module shall connect to a control unit using a standard Cat-5e cable and shall provide bi-directional communication with infrared M1 microphones by means of an



emitter-sensor built in to the room module. The room module shall accept up to two (2) microphones simultaneously and the microphones must be capable of auto-registering. The room module shall be capable of driving four independent speaker zones with a total power of 60 watts (RMS) at four ohms impedance. The room module shall provide high-resolution equalization for popular ceiling speaker models and provide a seven-band equalizer, consisting of two tone controls and five bands of fully parametric equalization for room equalization. The room module shall provide 512 points of speaker equalization specific to certain speaker brands and five-bands/two tone control room equalization. The room module shall have the capability of an integrated assistive listening transmitter. The room module shall be capable of adding two (2) additional IR sensors. The unit shall have a bidirectional RS-485 communications port that allows the system to communicate from and to other audio-visual products and control systems. The room module shall accept an external paging input that shall reduce the speaker level when paging audio is present. A general-purpose interface shall provide an isolated input and a SPDT relay out that shall accept and deliver controls to external equipment. The room module shall snap into a mounting platform that can be mounted to wallboard and ceiling tile and shall have a cable cover. The room module (except for the IR lens) shall be paintable. The LPT-M1 ListenPoint Microphone/Media Interface Kit (M1) shall communicate bi-directionally with a room module and shall automatically select the transmission channel without user intervention. The M1 shall have a mute/volume control that adjusts the volume of the microphone and the volume of auxiliary input sources. The M1 shall incorporate a Li-ion battery and shall have an operational time of at least eight (8) hours and shall charge in less than two (2) hours. The M1 shall be capable of being used in multiple ways including handheld (sleeve), lanyard, or belt worn. The M1 shall have an external microphone and auxiliary input. The LPT-S1 Standard Soundfield System is specified.

LPT-S2 ListenPoint Advanced Soundfield System

The LPT-S1 Advanced Soundfield System shall consist of one (1) LPT-C6 Control Unit, one (1) LPT-R12 Room Module, one (1) M1 Microphone/Media Interface Kit and four (4) LPT-A104 Ceiling Speakers. The system shall be capable of the addition of one M1 microphone. The control unit shall be capable of accepting six (6) inputs, four (4) of which shall be unbalanced and two (2) of which shall be balanced. The unit shall have a balanced teleconferencing input and output connector and the output shall be mix minus. The unit shall incorporate a single digital rotary control and tilting LCD display for selecting audio, setting volume, system customization and to see the status of the microphones. The control unit shall incorporate automatic audio selection of audio sources and microphones connected to the system shall control the volume of such source. The unit shall be connected to a corresponding room module using a standard Cat-5e cable. The unit shall be capable of being configured via a USB port. The unit shall be capable of being mounted on a wall or table by means of a snap in platform and



shall be wall, desk, or rack mountable. The room module shall connect to a control unit using a standard Cat-5e cable and shall provide bi-directional communication with infrared M1 microphones by means of an emitter-sensor built in to the room module. The room module shall accept up to two (2) microphones simultaneously and the microphones must be capable of auto-registering. The room module shall be capable of driving four independent speaker zones with a total power of 60 watts (RMS) at four ohms impedance. The room module shall provide high-resolution equalization for popular ceiling speaker models and provide a seven-band equalizer, consisting of two tone controls and five bands of fully parametric equalization for room equalization. The room module shall provide 512 points of speaker equalization specific to certain speaker brands and five-bands/two tone control room equalization. The room module shall have the capability of an integrated assistive listening transmitter. The room module shall be capable of adding two (2) additional IR sensors. The unit shall have a bidirectional RS-485 communications port that allows the system to communicate from and to other audio-visual products and control systems. The room module shall accept an external paging input that shall reduce the speaker level when paging audio is present. A general-purpose interface shall provide an isolated input and a SPDT relay out that shall accept and deliver controls to external equipment. The room module shall snap into a mounting platform that can be mounted to wallboard and ceiling tile and shall have a cable cover. The room module (except for the IR lens) shall be paintable. The LPT-M1 ListenPoint Microphone/Media Interface Kit (M1) shall communicate bi-directionally with a room module and shall automatically select the transmission channel without user intervention. The M1 shall have a mute/volume control that adjusts the volume of the microphone and the volume of auxiliary input sources. The M1 shall incorporate a Li-ion battery and shall have an operational time of at least eight (8) hours and shall charge in less than two (2) hours. The M1 shall be capable of being used in multiple ways including handheld (sleeve), lanyard, or belt worn. The M1 shall have an external microphone and auxiliary input. The LPT-S2 Advanced Soundfield System is specified.

LPT- M1 ListenPoint Microphone/Media Interface Kit

The LPT-M1 ListenPoint Microphone/Media Interface Kit (M1) shall communicate bi-directionally with a room module and shall automatically select the transmission channel without user intervention. The M1 shall have a mute/volume control that adjusts the volume of the microphone and the volume of auxiliary input sources. The M1 shall incorporate a Li-ion battery and shall have an operational time of at least eight (8) hours and shall charge in less than two (2) hours. The M1 shall be capable of being used in multiple ways including handheld (sleeve), lanyard, or belt worn. The M1 shall have an external microphone and auxiliary input. The LPT-M1 ListenPoint Microphone/Media Interface Kit is specified.



LPT-C2 ListenPoint Standard Control Unit

The control unit shall be capable of accepting two (2) unbalanced stereo inputs. The unit shall incorporate a single digital rotary control and LCD display for selecting audio, setting volume, system customization, and status of the microphones. The control unit shall incorporate automatic audio selection of audio sources and microphones connected to the system shall control the volume of such source. The unit shall be connected to a corresponding room module using a standard Cat-5e cable. The unit shall be capable of being configured via a USB port. The unit shall be capable of being mounted on wall or table by means of a snap in platform and shall be wall, desk, or rack mountable. The ListenPoint LPT-C2 Control Unit is specified.

LPT-C6 ListenPoint Advanced Control Unit

The control unit shall be capable of accepting six (6) inputs, four (4) of which shall be unbalanced and two (2) of which shall be balanced. The unit shall have a balanced teleconferencing input and output connector and the output shall be mix minus. The unit shall incorporate a single digital rotary control and tilting LCD display for selecting audio, setting volume, system customization, and to see the status of the microphones. The control unit shall incorporate automatic audio selection of audio sources and microphones connected to the system shall control the volume of such source. The unit shall be connected to a corresponding room module using a standard Cat-5e cable. The unit shall be capable of being configured via a USB port. The unit shall be capable of being mounted on a wall or table by means of a snap in platform and shall be wall, desk, or rack mountable. The ListenPoint LPT-C6 Control Unit is specified.

LPT-R12 ListenPoint Powered Room Module

The room module shall connect to a control unit using a standard Cat-5e cable and shall provide bi-directional communication with infrared M1 microphones by means of an emitter-sensor built in to the room module. The room module shall accept up to two (2) microphones simultaneously and the microphones must be capable of auto-registering. The room module shall be capable of driving four independent speaker zones with a total power of 60 watts (RMS) at four ohms impedance. The room module shall provide high-resolution equalization for popular ceiling speaker models and provide a seven-band equalizer, consisting of two tone controls and five bands of fully parametric equalization for room equalization. The room module shall provide 512 points of speaker equalization specific to certain speaker brands and five-bands/two tone control room equalization. The room module shall have the capability of an integrated assistive listening transmitter. The room module shall be capable of adding two (2) additional IR sensors. The unit shall have a bidirectional RS-485 communications port that allows the system to communicate from and to other audio-visual products and control systems. The room module shall accept an



external paging input that shall reduce the speaker level when paging audio is present. A general-purpose interface shall provide an isolated input and a SPDT relay out that shall accept and deliver controls to external equipment. The room module shall snap into a mounting platform that can be mounted to wallboard and ceiling tile and shall have a cable cover. The room module (except for the IR lens) shall be paintable. The LPT-R12 Room Module is specified.

LPT-T216 ListenPoint Assistive Listening Transmitter Module (216MHz, North America)

The Assistive Listening module shall be capable of broadcasting on 57 channels within the 216 MHz frequency range. The device shall broadcast on both wide and narrow band channels with a SNR of 70 dB or greater. The module shall have an audio frequency response of 50 Hz to 10 kHz, ± 3 dB. The LPT-T216 Assistive Listening module shall connect to the ListenPoint® room module using a Cat-5e cable. The module shall snap into a mounting platform that can be mounted to wallboard and ceiling tile. The unit shall be paintable. The ListenPoint® Assistive Listening Module is specified.