listenpoint®

BY LISTEN TECHNOLOGIES CORPORATION

INSTALLATION GUIDE

Installation Overview

Tools Required:
Hammer
Screwdriver – Phillips
Fishtape
Hole Saw
Marking Pencil

Basic steps for installing a system:

1. **Unpack your new ListenPoint® system**

2. **Charge the Microphone/Media Interfaces(s) (M1)**

3. **Determine mounting locations of the ListenPoint® hardware**

4. **Prepare for speaker installation**

5. **Pull speaker and Cat-5e cables**

6. **Install the speakers**

7. **Install the Room Module (RM) Mounting Platform**

8. **Install Room Module (RM) on Mounting Platform and Attach Cables**

9. **Install the Control Unit (CU) Mounting Platform**

10. **Install Control Unit (CU) on Mounting Platform and Attach Cables**

11. **Power up and test the system**

The user is cautioned that any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

1   *Unpack your new ListenPoint® System*

a. Verify that you have received all parts listed on the parts list (sent with the system). If you did not receive all listed parts please call Listen Technologies Corporation (see back page for contact info).

2   *Charge the microphones*

a. Locate the Li-ion battery(s) within the M1 Microphone/Media Interface Kit (M1).

b. Remove the back panel of the M1.

c. Insert battery into M1 with label facing out and up.

d. Plug AC power adaptor into the Charging/Storage Station, then place the M1 in the charger facing out. The red
LED light will start to flash when the M1 is charging, and will turn solid red when mic is fully charged.
or
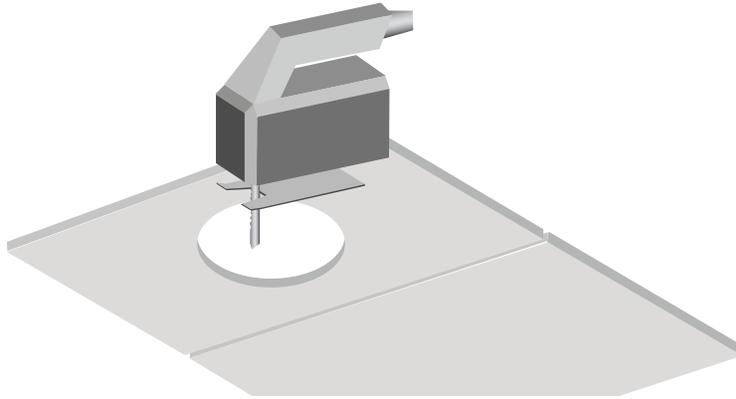plug AC power adaptor directly into the connection on bottom of M1.

5 VDC Adapter

3   *Determine mounting locations of the ListenPoint ® hardware*

a. Evaluate the room for ideal placement of hardware. Look for obstructions on the ceiling, for speakers and RM.
Look for obstructions on wall for CU and M1 Charging/Storage Station that could potentially be in the way.

b. Decide where you want to install your ceiling or wall-mounted speakers (see ListenPoint® online application note
"Speaker Placement"), use a pencil to mark the center of each speaker location.

c. Decide where you want to place the CU (typically on a wall, desk or shelf). If you're mounting the CU on a wall,
mark this spot with a pencil (see ListenPoint® online application note: "CU Placement"). Remember the CU and RM
can be seperated by a maximum of 75 ft. (22 m).

d. Decide where you want to place the RM on the ceiling (typically in the center of the room) and mark this spot,
(see ListenPoint® online application note: "RM Placement").

e. Decide where you want to put the M1 Charging/Storage Station. If you are mounting the station on a wall, mark
the spot with a pencil. Install the mounting bracket with the enclosed hardware.
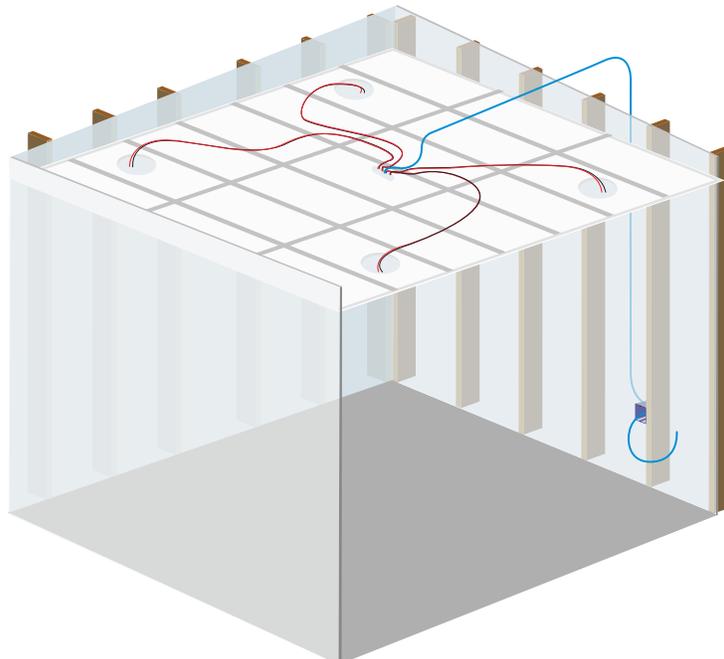
4   *Prepare for speaker installation*

a. For ceiling speakers: Locate the spots previously marked for each speaker.

b. Using the mounting template provided with speakers; cut holes in ceiling with a hole saw.

c. For wall mounted speakers: see installation instructions provided with speaker.

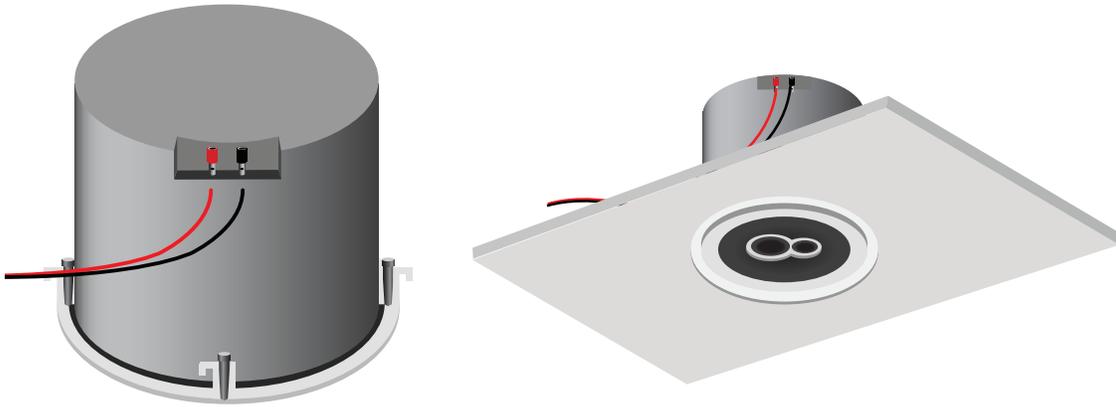 *NOTE: Each speaker comes with installation instructions.*

5   *Pull speaker and Cat-5e cables*

a. Locate the Cat-5e cable and the four (4) speaker cables (if applicable).

b. Run the Cat-5e cable from RM to CU.

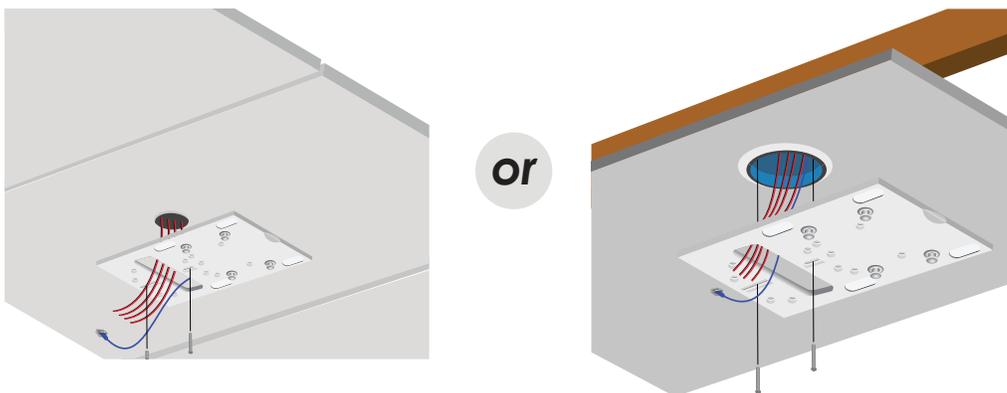b. Run speaker cable from RM location to speaker holes (if applicable).

6   *Install the speakers*

a. Remove grill from front of speakers then place the ceiling speaker into the hole cut in step four.
Using a Phillips screwdriver, tighten the screws on the mounting lugs that are located on the edges
of the speakers. Replace grill over front of speakers.

b. Connect the two-conductor cables to the speaker cable inserts. Keep in mind that the polarity of speaker cable
should remain the same ie: red to red and black to black on the speaker connections, and red to positive, black
to negative on the RM connections.

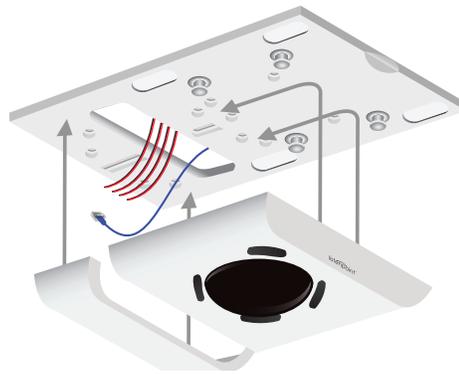## 7   *Install the Room Module (RM) Mounting Platform*

a. Locate the previously marked spot for the RM.

b. Mount the RM Mounting Platform included with the RM on the ceiling (may be attached to an electrical box,
or directly to the ceiling or ceiling tile) using the provided hardware.

c. Cable should be pulled through the open slot of the mounting platform.

or

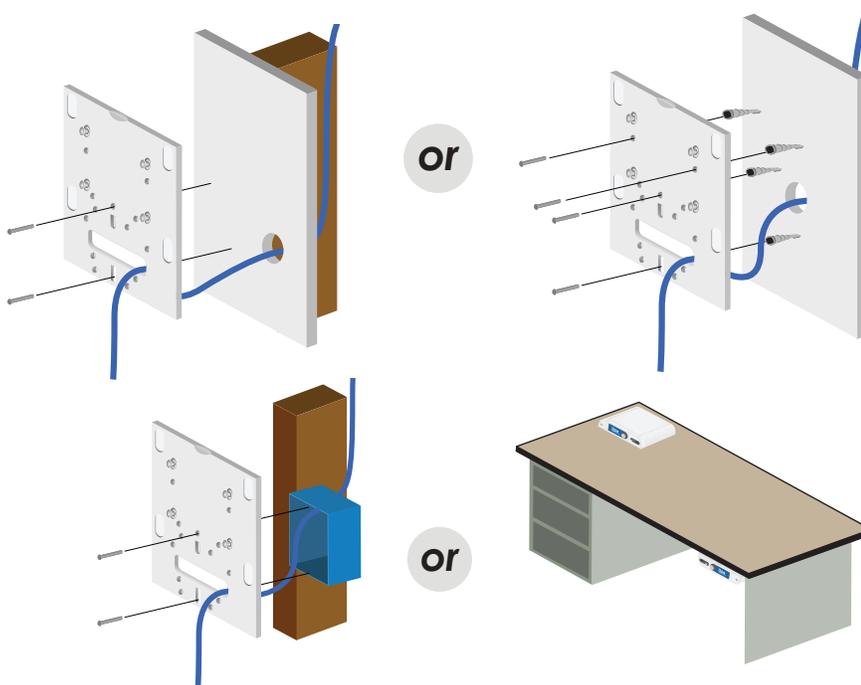## 8   *Install Room Module (RM) on Mounting Platform and attach cables*

a. Connect the speaker cables to the four (4) 2-pin Euro connectors (green) from the speaker terminal on back of RM (if applicable).

b. Connect the Cat-5e cable to the "TO CU" port on the RM.

c. Mount the RM onto the RM Mounting Platform. The RM will slide back and snap into place.

NOTE: For additional information about attaching cables to RM see centerfold.

9   *Install the Control Unit (CU) Mounting Platform*

a. Locate the previously marked spot for the CU.

b. Mount the CU Mounting Platform included with the CU (may be attached to an electrical box, directly to the wall, under or on top of desk) using the provided hardware.

c. Cable should be pulled through the open slot of the mounting platform.

10 Install Control Unit (CU) on Mounting Platform and attach cables

a. Mount the CU onto the CU Mounting Platform. The CU will slide back and snap into place.

b. Connect the Cat-5e cable to the "TO RM" port on the CU.

c. Plug the power supply into the DC input on the back of the CU.

d. Plug the AC plug from the power supply into an AC outlet.

e. Connect the desired input sources (iPod, DVD, etc.) to the AUX inputs on the CU.
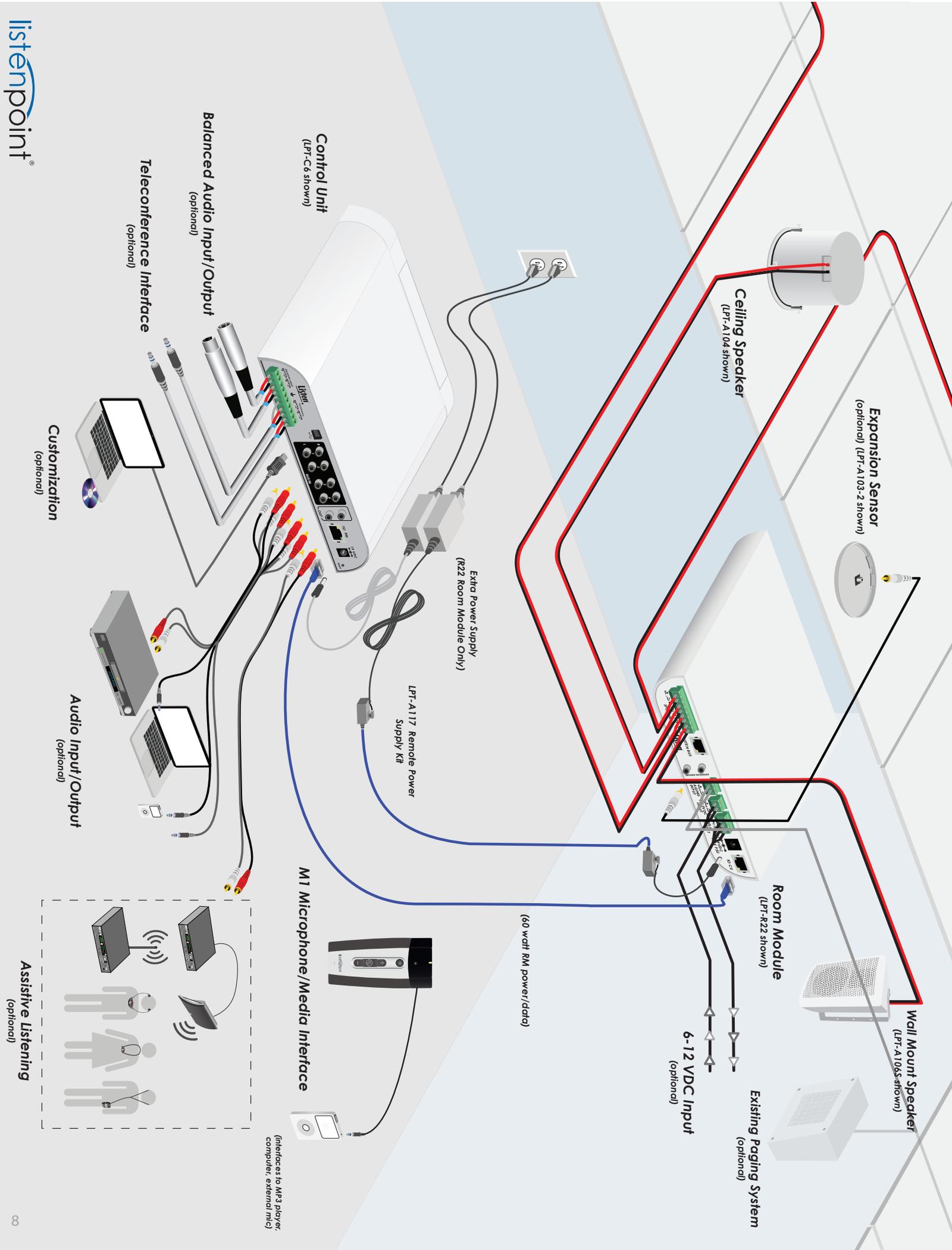
11 Power up and test the system

a. Push the power button on the CU (turning on CU will also power the RM).

b. Test the system with a fully charged M1 – push any button on the M1 to turn it on. Wait 10 seconds, then adjust the volume on the M1 until you have a comfortable listening level.

For advanced options please download the ListenPoint Customization Guide at www.listentech.com/support-tools-downloads.

listenpoint®

Control Unit
(LPT-C6 shown)

Balanced Audio Input/Output
(optional)

Teleconference Interface
(optional)

Customization
(optional)

Audio Input/Output
(optional)

Assistive Listening
(optional)

M1 Microphone/Media Interface

(Interfaces to MP3 player, computer, external mic)

Extra Power Supply
(R22 Room Module Only)

LPT-A117 Remote Power Supply Kit

(60 watt RM power/data)

Ceiling Speaker
(LPT-A104 shown)

Expansion Sensor
(optional) (LPT-A103-2 shown)

Room Module
(LPT-R22 shown)

6-12 VDC Input
(optional)

Existing Paging System
(optional)

Wall Mount Speaker
(LPT-A106s shown)

8

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