

# WALL SPEAKER & CEILING SPEAKER

## WALL SPEAKER - LS6WT



## CEILING SPEAKER - LS7CT



### Specifications

**Frequency Range**

- 70 Hz - 20 kHz

**Power Rating**

- 40 W

**Sensitivity (1W/1M)**

- 90 dB SPL

**Impedance**

- 8 ohm

**Dispersion Angle**

- 90 degrees

**Woofers**

- 1 x 6 inch

**Tweeter**

- 1 x 1 inch

**Enclosure Material and Finish**

- ABS, Black

**Dimensions**

- 284 x 215 x 190 mm

**Frequency Range**

- 60 Hz - 20 kHz

**Power Rating**

- 50 W

**Sensitivity (1W/1M)**

- 89 dB SPL

**Impedance**

- 16 ohm

**Dispersion Angle**

- 120 degrees

**Woofers**

- 6.5 inch glass fiber cone, rubber edge

**Tweeter**

- 20 mm voice coil

**Enclosure Material and Finish**

- ABS
- Grill: RAL 9010 white, magnetic attachment to enclosure

**Dimensions**

- Diameter x height: 230 x 102 mm
- Hole cut diameter: 203 mm

### Part Numbers

910-151-002-01-1

910-151-001-01-1

### Accessories

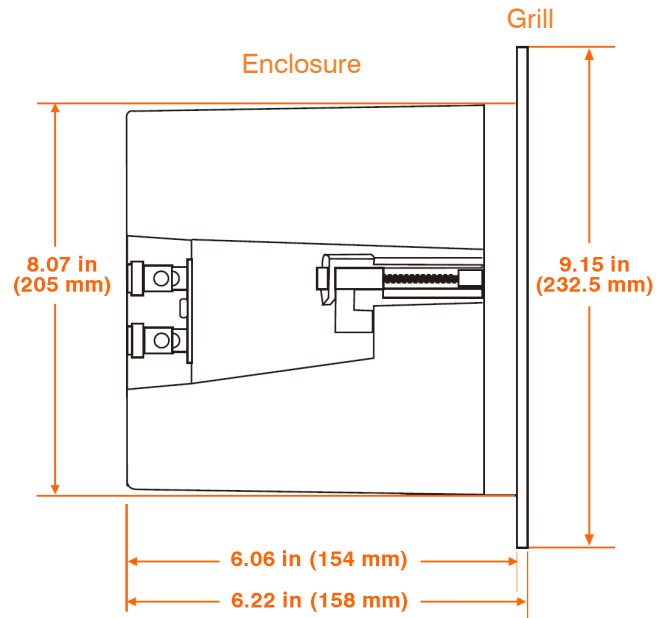
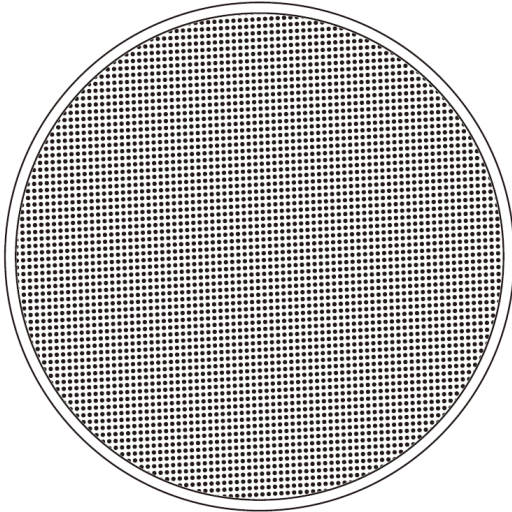
**Ceiling Tile Bridge**

ClearOne Part Number: 910-151-006-01

# WALL SPEAKER & CEILING SPEAKER

## Dimensions

### LS7CT Ceiling Speaker



# WALL SPEAKER & CEILING SPEAKER

## Installation of LS6WT Wall Speaker

### Required Tools and Parts

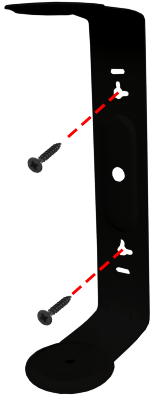
- Pencil
- Screwdriver
- Screws (2)
- Drill
- Anchors, if mounting to drywall
- Hammer, if mounting to drywall



### Caution!

- Install in accordance with all applicable local codes.
- Ensure that power to the amplifier is off before you start.

### 1. Attach the Mounting Bracket to Structure



- a. Determine where the speaker is to be mounted and whether it is to be mounted vertically or horizontally.
- b. Unscrew the Fastener thumbscrews on either sides of the speaker to remove the U-bracket.
- c. Using the U-bracket as a template, mark the three holes in the wall with a pencil.
- d. Drill the appropriate size holes for the screws or anchors as necessary depending on the mounting surface being used (wood, drywall, etc.)
- e. If mounting in drywall, use the hammer and carefully tap an anchor into each of the drilled holes.
- f. Line the U-bracket up with the holes and screw it in place.

### 2. Attach Wires to the Speaker



- a. Loosen the two speaker wire input post screws on the back of the speaker.
- b. Connect the wires from the power amplifier to the terminal connections on the back of the speaker as follows:
  - Positive signal to **red** connector
  - Negative signal to black connector
- c. Carefully and securely tighten each of the post screws.

### 3. Attach the Speaker to the Mounting Bracket



- a. Position the speaker so the speaker mounting holes line up with the two U-bracket fastener holes.
- b. Insert each of the thumbscrew fasteners through the bracket mounting holes and tighten to secure speaker to U-bracket.



**Caution:** Do not over-tighten screws.

# WALL SPEAKER & CEILING SPEAKER

## Installation of LS7CT Ceiling Speaker

### Required Tools and Parts

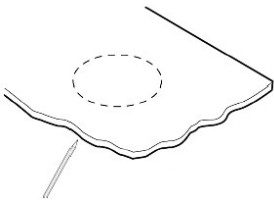
- Pencil
- Phillips screwdriver
- Fine-tooth saw (power or manual)



### Caution!

- Install in accordance with all applicable local codes.
- Ensure that power to the amplifier is off before you start.

### 1. Cut the ceiling tile.



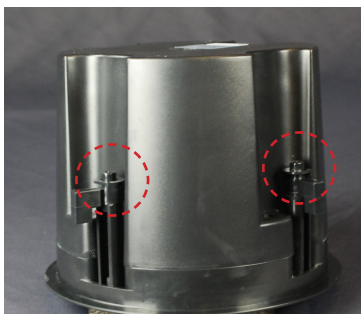
- On the provided cutout template, punch out along the larger perforated circle.
- Place the cutout template against the bottom of the ceiling tile and with a pencil, trace the inside.
- With a fine-tooth saw, carefully cut out the ceiling material along the circle.
- (Optional) Install the Ceiling Tile Bridge

### 2. Attach Wires to the Speaker.



- Loosen the two speaker wire input post screws on the back of the speaker.
- Connect the wires from the power amplifier to the terminal connections on the back of the speaker as follows:
  - Positive signal to **red** connector
  - Negative signal to black connector
- Carefully and securely tighten each of the post screws.

### 3. Mount the Speaker in the Ceiling.



- Place the speaker in position in the cutout area of the ceiling tile, or optionally, through the ceiling tile bridge.
- For each of the 4 screws, use a screwdriver to tight the screw until the dog leg clamps the speaker to the ceiling tile.
- Align and place the speaker grill against the speaker - it attaches magnetically.



**Caution:** Do not over-tighten screws.

## SALES AND INQUIRIES

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