

**Lowell.**<sup>TM</sup>

# SPEAKERS

A quick reference guide to packaged speakers



*Quality Solutions  
Exceptional Service*

**NEW**

*the* **Essence**  
*of quality sound*

# PENDANT SPEAKERS

Magnetic top cover clicks into place with ease



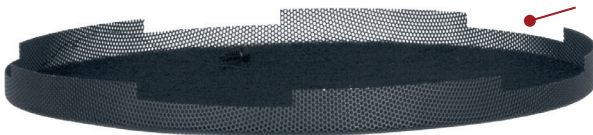
Built-in bracket assembly for hanging pipe or cable



Ported enclosure tuned for extended bass response



Press-fit grille adds a clean finished look



## The NEW ESP Series

Engineered to acoustically match the ES Series recessed speakers, enabling the integration of exceptional performance with even coverage no matter the type of architecture encountered.



Grippler cable mount



Pipe mount



U-bracket mount

**EXTREMELY VERSATILE**  
Each ESP Series speaker can be mounted three different ways.

# PENDANT SPEAKERS

**NEW**

## Open Ceilings:



Bringing quality sound to foreground/background music and paging, ESP pendant speakers are made for quick installation with three versatile mounting options for open ceilings.

### ESP-62TB (6-½") – black finish

Driver	6-½" 50W coaxial
Transformer	25V/70V/100V (32W) and 4ohm transformer bypass position
Enclosure	ported enclosure tuned for extended bass response is ABS plastic with matching magnetic top cover to hide wiring connections and rigging hardware
Grille	matching press-fit grille includes scrim and pull tool
Connections	removable (four-pin) Phoenix-style connector
Finish	black (ESP-62TB) or white (ESP-62TW)
Mounting Aid	built-in bracket assembly for hanging cable or pipe
Compliance	UL 1480A general signaling USA; UL 2043 return air plenum space; CSA C22.2 No. 205-12 general signaling Canada
Optional Accessories	ESP-6-BRKTB (black) or ESP-6-BRKTW (white): U-bracket ESP-6-PG: Paint guard ESP-CBL: Gripple cable kit

### ESP-62TW – white finish



White also available

### ESP-82TB (8") – black finish

Driver	8" 120W coaxial
Transformer	25V/70V/100V (120W) and 4ohm transformer bypass position
Enclosure	ported enclosure tuned for extended bass response is ABS plastic with matching magnetic top cover to hide wiring connections and rigging hardware
Grille	press-fit grille includes scrim and pull tool
Connections	removable (four-pin) Phoenix-style connector
Finish	black (ESP-82TB) or white (ESP-82TW)
Mounting Aid	built-in bracket assembly for hanging cable or pipe
Compliance	UL 1480A general signaling USA; UL 2043 return air plenum space; CSA C22.2 No. 205-12 general signaling Canada
Optional Accessories	ESP-8-BRKTB (black) or ESP-8-BRKTW (white): U-bracket ESP-8-PG: Paint guard ESP-CBL: Gripple cable kit

### ESP-82TW – white finish



White also available

### ESP-82CTB (8") – black finish

Driver	8" 150W coaxial w/HF compression driver
Transformer	25V/70V/100V (120W) and 8ohm transformer bypass position
Enclosure	ported enclosure tuned for extended bass response is ABS plastic with matching magnetic top cover to hide wiring connections and rigging hardware
Grille	press-fit grille includes scrim and pull tool
Connections	removable (four-pin) Phoenix-style connector
Finish	black (ESP-82CTB) or white (ESP-82CTW)
Mounting Aid	built-in bracket assembly for hanging cable or pipe
Compliance	UL 1480A general signaling USA; UL 2043 return air plenum space; CSA C22.2 No. 205-12 general signaling Canada
Optional Accessories	ESP-8-BRKTB (black) or ESP-8-BRKTW (white): U-bracket ESP-8-PG: Paint guard ESP-CBL: Gripple cable kit

### ESP-82CTW – white finish



White also available

# IN-CEILING SPEAKERS

## Containerized:

Bringing quality sound to foreground/background music and paging, ES speakers are made for quick installation with reversible mounting dogs, front tap selector, and press-fit grille.



### ES-4T (4")

Driver 4" 25W dual-cone  
 Transformer 25V/70V/100V (16W) and 8ohm transformer bypass position  
 Enclosure 113 cu.in. volume steel backcan w/reversible mounting dogs  
 Grille white press-fit grille includes scrim and pull tool  
 Connections removable (four-pin) Phoenix-style connector  
 Includes support rails

Compliance UL 1480A general signaling USA  
 UL 2043 return air plenum space  
 CSA C22.2 No. 205-12 general signaling Canada

Optional Accessories ES-4-RIB: rough-in bridge  
 ES-4-RTR: retrofit trim ring



### ES-52T (5-¼")

Driver 5-¼" 30W coaxial  
 Transformer 25V/70V/100V (16W) and 8ohm transformer bypass position  
 Enclosure 379 cu.in. volume steel backcan w/reversible mounting dogs  
 Grille white press-fit grille includes scrim and pull tool  
 Connections removable (four-pin) Phoenix-style connector  
 Includes support rails

Compliance UL 1480A general signaling USA  
 UL 2043 return air plenum space  
 CSA C22.2 No. 205-12 general signaling Canada

Optional Accessories ES-6-RIB: rough-in bridge  
 ES-6-RTR: retrofit trim ring



### ES-62T (6-½")

Driver 6-½" 50W coaxial  
 Transformer 25V/70V/100V (32W) and 4ohm transformer bypass position  
 Enclosure 379 cu.in. volume steel backcan w/reversible mounting dogs  
 Grille white press-fit grille includes scrim and pull tool  
 Connections removable (four-pin) Phoenix-style connector  
 Includes support rails

Compliance UL 1480A general signaling USA  
 UL 2043 return air plenum space  
 CSA C22.2 No. 205-12 general signaling Canada

Optional Accessories ES-6-RIB: rough-in bridge  
 ES-6-RTR: retrofit trim ring

### ES-82T (8")

Driver	8" 120W coaxial
Transformer	25V/70V/100V (120W) and 4ohm transformer bypass position
Enclosure	900 cu.in. volume steel backcan w/reversible mounting dogs
Grille	white press-fit grille includes scrim and pull tool
Connections	removable (four-pin) Phoenix-style connector
Includes	support rails c-ring cardboard template for mounting holes paint guard for driver
Compliance	UL 1480A general signaling USA UL 2043 return air plenum space CSA C22.2 No. 205-12 general signaling Canada
Optional Accessories	ES-8-RIB: rough-in bridge



### ES-82CDT (8")

Driver	8" 150W coaxial w/HF compression driver
Transformer	25V/70V/100V (120W) and 8ohm transformer bypass position
Enclosure	900 cu.in. volume steel backcan w/reversible mounting dogs
Grille	white press-fit grille includes scrim and pull tool
Connections	removable (four-pin) Phoenix-style connector
Includes	support rails c-ring cardboard template for mounting holes paint guard for driver
Compliance	UL 1480A general signaling USA UL 2043 return air plenum space CSA C22.2 No. 205-12 general signaling Canada
Optional Accessories	ES-8-RIB: rough-in bridge



### ES-8TSUB (8")

Driver	8" 120W subwoofer
Transformer	25V/70V/100V (120W) and 8ohm transformer bypass position
Enclosure	900 cu.in. volume steel backcan w/reversible mounting dogs
Grille	white press-fit grille includes scrim and pull tool
Connections	removable (four-pin) Phoenix-style connector
Includes	support rails c-ring cardboard template for mounting holes paint guard for driver
Compliance	UL 1480A general signaling USA UL 2043 return air plenum space CSA C22.2 No. 205-12 general signaling Canada
Optional Accessories	ES-8-RIB: rough-in bridge



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## ES SPEAKER/SUBWOOFER BUNDLES



ES speaker/subwoofer bundles are optimized for low to medium ceilings in venues that demand quality foreground music. Dance studios, workout facilities, bars and restaurants are just some of the venues where performance drives the overall user experience. Adding a subwoofer to the speaker mix lets you take advantage of wide-dispersion 5¼-inch coaxials or 4-inch dual cone speakers without compromising bass frequencies. Speakers can be spaced further apart with the subwoofer placed among them to add the kick that provides for a richer audio experience.



### ES-52T-SBN

Includes:

Four 5¼-inch 30W coaxial speakers with wide dispersion (165° conical), plus one 8-inch subwoofer.



### ES-4T-SBN

Includes:

Four 4-inch 25W dual cone speakers with wide dispersion (175° conical), plus one 8-inch subwoofer.

# IN-CEILING SPEAKER (CONTINUED)

## Lay-In Tile Ceilings:

Fastest install for tile ceilings – the LT Series offers a wide range of drivers and enclosures to fit a variety of projects.

### LT Pro-Sound (4", 6-½", 8") – High performance, large enclosure

Driver (choice)	4" 30W coaxial (8ohms) 6-½" 40W coaxial (8ohms) 8" 50W coaxial (8ohms)
Transformer (optional)	70V
Enclosure	0.8 cu.ft. volume black steel, acoustic batting
Grille (choice)	1x2 ft. black sub-plate, white fine perforation grille (patented t-bar*) 2x2 ft. black sub-plate, white fine perforation grille
Connections	externally accessible leads
Includes	restraint tabs (tie-offs), patented t-bar*
Compliance	available on select models, visit <a href="http://lowellmfg.com">lowellmfg.com</a> for details

\* The 1 x 2 ft. assemblies have a patented T-bar to support adjacent cut ceiling tile so there is no need for additional metal trim.  
US Patent Numbers: 7120269, D467579, and 7643647



1x2 ft. (or 2x2 ft.) grille with sub-plate and large enclosure

### LT Foreground Music (8") – coaxial, large enclosure

Driver	8" 20W coaxial (8ohms)
Transformer	70V
Enclosure	0.8 cu.ft. volume black steel, acoustic lining
Grille	2x2 ft. black sub-plate, white fine-perforation grille
Connections	externally accessible leads
Includes	restraint tabs (tie-offs)

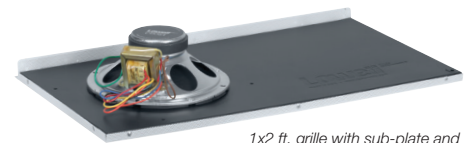


2x2 ft. grille with sub-plate and large enclosure

### LT Paging (4", 8") – Economical driver, optional enclosure

Driver (choice)	4" 15W single-cone (8ohms) 8" 15W dual-cone (8ohms) 8" 20W coaxial (8ohms)
Transformer (optional)	70V
Enclosure (choice)	0.147 cu.ft. volume black steel or infinite baffle
Grille (choice)	1x2 ft. black sub-plate, white fine perforation grille (patented t-bar*) 2x2 ft. black sub-plate, white fine perforation grille
Volume Control (optional)	hand or screwdriver adjustable
Connections	externally accessible leads
Includes	restraint tabs (tie-offs), patented t-bar*

\* The 1 x 2 ft. assemblies have a patented T-bar to support adjacent cut ceiling tile so there is no need for additional metal trim.  
US Patent Numbers: 7120269, D467579, and 7643647



1x2 ft. grille with sub-plate and infinite baffle (no enclosure)



2x2 ft. (or 1x2 ft.) grille with sub-plate and small enclosure

## Two-Speaker Kit:

RPAK speaker kits are ideal for general purpose paging and background music. Each kit includes a set of two speakers with accessories.

### RPAK-810-72 (8") – Set of two

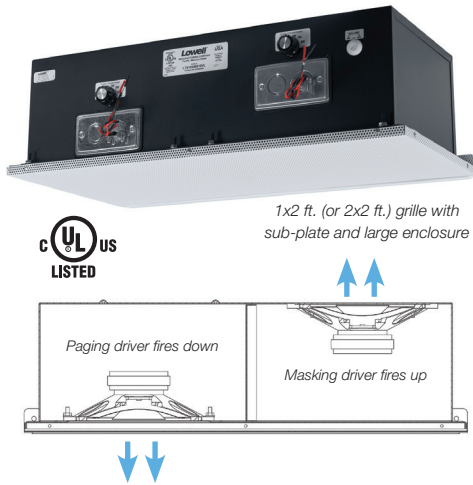
Driver	8" 15W dual-cone (8ohms)
Transformer	25V/70V (5W)
Enclosure	10" dia. x 4"D, tapered white steel, foam pad
Grille	white steel
Connections	transformer leads
Includes	galvanized steel t-bridge



# SOUND MASKING SPEAKERS

## Lay-In Tile Ceilings:

The LT-SM Series saves installation time and space by integrating a sound masking speaker and paging speaker into one assembly. 1x2 or 2x2 format



### LT Series (8") – Sound masking and paging

Driver	(2) 8" 15W dual-cone (8ohms)
Transformer	70V (4W max)
Enclosure	partitioned to provide 700 cu.in. volume for each driver, acoustic lining
Grille (choice)	1x2 ft. black sub-plate, white fine-perforation grille (patented t-bar*) 2x2 ft. black sub-plate, white fine-perforation grille
Connections	externally accessible leads
Includes	restraint tabs (tie-offs), patented t-bar*
Compliance	UL 1480A; UL 2043 return air plenum space CSA 22.2 No.205-12 for use in Canada

\* The 1 x 2 ft. assemblies have a patented T-bar to support adjacent cut ceiling tile so there is no need for additional metal trim. US Patent Numbers: 7120269, D467579, and 7643647

## Above Ceiling:

Sound masking speakers function effectively when positioned out of view above the ceiling. Choice of drivers, and factory-mounted bridge rails or hanger/chain.

### SM8 Series (8")

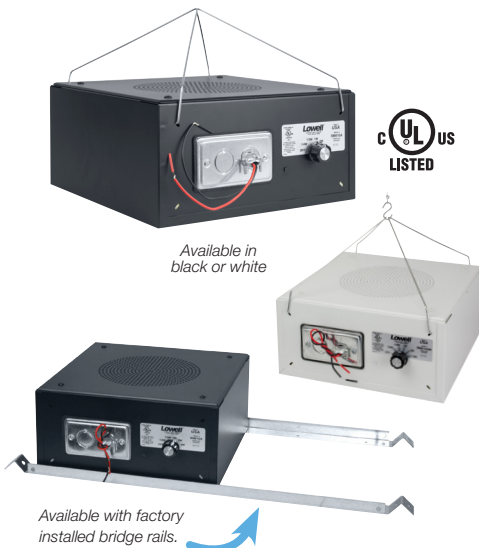
Driver (choice)	8" 50W coaxial (8ohms) 8" 15W dual-cone (8ohms)
Transformer	70V (4W max)
Enclosure	black or white 760 cu.in. volume steel (11.6" sq. x 5.6"D)
Grille	black or white steel, color matches housing
Connections	Romex connector and externally accessible leads
Includes (choice)	wire hangers, s-hooks, chain, or factory mounted bridge rails
Compliance	UL 1480 general signaling USA; UL 2043 return air plenum space CSA C22.2 No.205-M1983 general signaling Canada

### SM4 Series (4")

Driver	4" 15W single-cone (8ohms)
Transformer	70V (4W max)
Enclosure	black 760 cu.in. volume steel (11.6" sq. x 5.6"D)
Grille	black steel, color matches housing
Connections	Romex connector and externally accessible leads
Includes (choice)	wire hangers, s-hooks, chain, or factory mounted bridge rails
Compliance	UL 1480 general signaling USA; UL 2043 return air plenum space CSA C22.2 No.205-M1983 general signaling Canada

### SM805A (8")

Driver	8" 12W dual-cone (8ohms)
Transformer	70V (4W max)
Enclosure	black tapered steel (10" dia. x 4"D)
Grille	black steel
Connections	Romex connector and externally accessible leads
Includes	wire hangers, s-hooks, chain
Compliance	UL 1480A; UL 2043 return air plenum space CSA 22.2 No.205-12 for use in Canada



# SURFACE-MOUNT SPEAKERS

## Indoor & Protected Outdoor:

For excellent sound reproduction at 8ohms, 25V, 70V or 100V, these assemblies feature molded plastic housing with aluminum grille.

### OS Series (8") – Pattern control for high ceilings or live microphones

Driver	8" 150W two-way w/HF compression driver (8ohms)
Transformer	25V/70V/100V (60W max)
Enclosure (choice)	black weather- and UV-resistant polypropylene (apx. 16" x 9" x 8") white weather- and UV-resistant polypropylene (apx. 16" x 9" x 8")
Grille (choice)	black fine-mesh aluminum white fine-mesh aluminum
Connections	terminal strip protected by weather-resistant terminal cover
Includes	adjustable U-shaped bracket for horizontal or vertical installation



### OS Series (6-1/2") – Wide dispersion, near field

Driver	6-1/2" 100W two-way w/tweeter (8ohms)
Transformer	25V/70V/100V (60W max)
Enclosure (choice)	black weather- and UV-resistant polypropylene (apx. 11" x 9" x 7") white weather- and UV-resistant polypropylene (apx. 11" x 9" x 7")
Grille (choice)	black fine-mesh aluminum white fine-mesh aluminum
Connections	Phoenix-type connector protected by weather-resistant terminal cover
Includes	adjustable U-shaped bracket for horizontal or vertical installation



### OS Series (5-1/4") – Wide dispersion, near field, value price

Driver	5-1/4" 50W two-way w/tweeter (8ohms)
Transformer	25V/70V/100V (15W max)
Enclosure (choice)	black weather- and UV-resistant polypropylene (apx. 9" x 7" x 5.5") white weather- and UV-resistant polypropylene (apx. 9" x 7" x 5.5")
Grille (choice)	black fine-mesh aluminum white fine-mesh aluminum
Connections	Phoenix-type connector protected by weather-resistant terminal cover
Includes	adjustable U-shaped bracket for horizontal or vertical installation



## Indoor:

The 8" drivers for paging and background music feature a choice of enclosures – steel with white finish or particle board with walnut laminate finish and fabric grille.

### DS Series (8")

Driver	8" 12W dual-cone (8ohms)
Transformer	25V/70V (5W max)
Enclosure (choice)	white steel, straight front (apx. 11.5" sq. x 4"D) white steel, sloped front (apx. 11.5" sq. x 4"D)
Volume Control (optional)	knob
Grille	white steel
Connections	internal leads
Includes	universal mounting hole pattern on back panel



#DSQ-805-72

#DSL-805-72K

### SL Series (8")

Driver	8" 15W dual-cone (8ohms)
Transformer	25V/70V (5W max)
Enclosure	walnut laminate finish, sloped front (apx. 10.5" x 9.5" x 5.5"D)
Volume Control (optional)	knob
Grille	black fabric
Connections	internal leads
Includes	rear hanger bracket with keyhole mount on top edge



#SL-810-72

# SPEAKERS for OPEN CEILINGS

## Suspended:

High performance coaxial and coaxial compression drivers power the iMount Series, while pre-mounted eyebolts and easily accessible leads promote fast installation.



### IM Series (12")

Driver (choice)	12" 150W coaxial w/HF compression driver (8ohms) 12" 250W coaxial w/HF compression driver (8ohms)
Transformer	70V
Enclosure	3 cu.ft. volume black rectangular steel
Grille	white steel
Connections	externally accessible leads
Includes	pre-mounted 1/4-20 forged eyebolts

### IM Series (8")

Driver (choice)	8" 50W coaxial w/tweeter (8ohms) 8" 100W coaxial w/HF compression driver (8ohms)
Transformer	70V
Enclosure	2 cu.ft. volume black rectangular steel
Grille	white steel
Connections	externally accessible leads
Includes	pre-mounted 1/4-20 forged eyebolts

## Open Beam:

Take advantage of open beams with the BC810-72, the speaker that includes beam clamps for quick installation.



### BC810-72 (8")

Driver	8" 15W dual-cone (8ohms)
Transformer	25V/70V (5W max)
Enclosure	10" dia. x 4"D, tapered white steel, foam pad
Grille	white steel
Connections	externally accessible leads
Includes	beam clamps

## HORNS for GENERAL SIGNALING

For paging and general voice communications. The ready-to-install paging re-entrant horn with weather-resistant housing is engineered for versatile labor-saving installation in brick, concrete block, plaster, drywall, or acoustic tile—indoors or outdoors—recessed or surface-mount—new or retrofit applications.

### LUH-15TA

Driver	15W compression
Transformer	25/70V/100V (or 8ohm)
Enclosure	self-contained cast aluminum housing with moisture-seal cover
Finish	network grey epoxy
Connections	two-wire hook up (in UL approved junction box) or through waterproof gland-type cable fitting
Includes	contoured aluminum trim ring fine perforation press-fit aluminum grill reversible mounting dogs
Compliance	UL 1480A general signaling USA UL 2043 return air plenum space USA CSA C22.2 No. 205-12 general signaling Canada
Optional Accessories	LUH-VRG: vandal-resistant grille LUH-BOX: recessed or surface box (indoor/outdoor use) LUH-BOX-INT: recessed or surface box (indoor use only) LUH-BRKT: U-bracket LUH-TP: trim plate LUH-TBAR: tile bridge LUH-RIB: rough-in bridge



LUH-15TA  
Includes trim ring, press-fit grille and mounting dogs.

### LUH-15TX - This model will require some accessories for installation

Driver	15W compression
Transformer	25/70V /100V (or 8ohm)
Enclosure	self-contained cast aluminum housing with moisture-seal cover
Finish	network grey epoxy
Connections	two-wire hook up (in UL approved junction box) or through waterproof gland-type cable fitting
Compliance	UL 1480A general signaling USA UL 2043 return air plenum space USA CSA C22.2 No. 205-12 general signaling Canada
Optional Accessories	LUH-VRG: vandal-resistant grille LUH-BOX: recessed or surface box (indoor/outdoor use) LUH-BOX-INT: recessed or surface box (indoor use only) LUH-BRKT: U-bracket LUH-TP: trim plate LUH-TBAR: tile bridge LUH-RIB: rough-in bridge



LUH-15TX  
Horn only

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Visit [www.lowellmfg.com](http://www.lowellmfg.com) for our complete line of Distributed Audio, Power & Rack Solutions.

## HORNS

LH Paging / Re-Entrant Horns



## SPEAKER COMPONENTS

Speaker Drivers & Assemblies • Transformers • Backboxes • Grilles • and more...



## AMPLIFIERS & ELECTRONICS

Sound Masking Generators • Mixer Amplifiers • Power Amplifiers • Mixer/Pre-Amplifier



*Rackmount & standalone*

## VOLUME CONTROLS, INTERCOMS & SWITCHES

Wall-mount VCs • Rackmount VCs • Call Switches • Program Select Switches • Intercom Stations



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