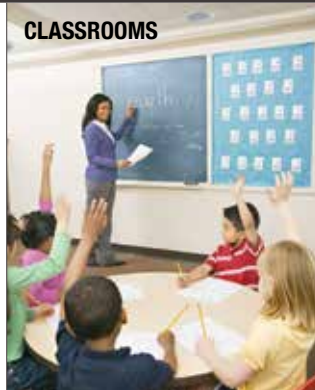


AMP-R2SIC5 / AMP-R2SIC6

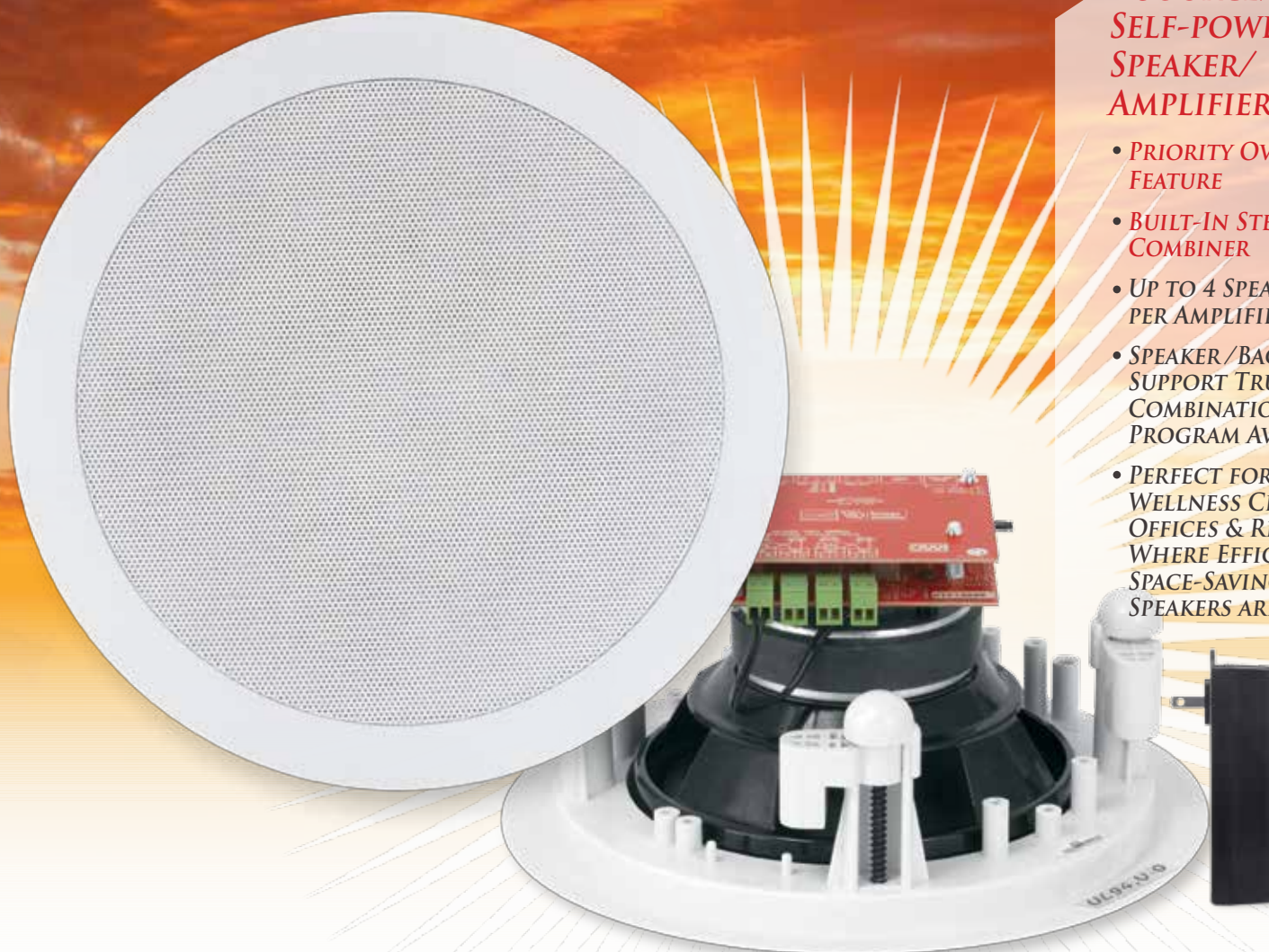
SELF-POWERED, IN-CEILING SPEAKER/AMPLIFIER

TWO SOURCE/INPUTS. CONTROLS UP TO 4 SPEAKERS.
WITH A UL LISTED, 15 VDC, LEVEL  POWER SUPPLY

CLASSROOMS



CONFERENCE ROOMS



2 SOURCE/INPUT, SELF-POWERED SPEAKER/ AMPLIFIER

- PRIORITY OVERRIDE FEATURE
- BUILT-IN STEREO COMBINER
- UP TO 4 SPEAKERS PER AMPLIFIER
- SPEAKER/BACKCAN SUPPORT TRUSS COMBINATION PROGRAM AVAILABLE
- PERFECT FOR SCHOOLS, WELLNESS CENTERS, OFFICES & RETAIL WHERE EFFICIENT, SPACE-SAVING CEILING SPEAKERS ARE NEEDED



OWI-INC.COM
2-SOURCE-AMPLIFIED-
CEILING-SPEAKERS



AMP-R2SIC5 / AMP-R2SIC6

SELF-POWERED, IN-CEILING SPEAKER/AMPLIFIER

**TWO SOURCE/INPUTS. CONTROLS UP TO 4 SPEAKERS.
WITH A UL LISTED, 15 VDC, LEVEL Ⓢ POWER SUPPLY**

The Benefits of the OWI's Self-Powered, In-Ceiling Speaker with a Built in Amplifier.

The OWI AMP-R2SIC5/AMP-R2SIC6 is a self-powered or self-amplified, In-Ceiling Speaker which features a built-in amplifier on top of the speaker's magnet. Non-Amplified Speakers need a separate amplifier to amplify sounds, but with Self-Amplified Speakers you don't need a rack to hold the bulky amplifier. One of the special features of this speaker is the Energy Star rating which puts the speaker into "sleep mode" when no audio is detected. Another good feature of this speaker is the Priority Override which can

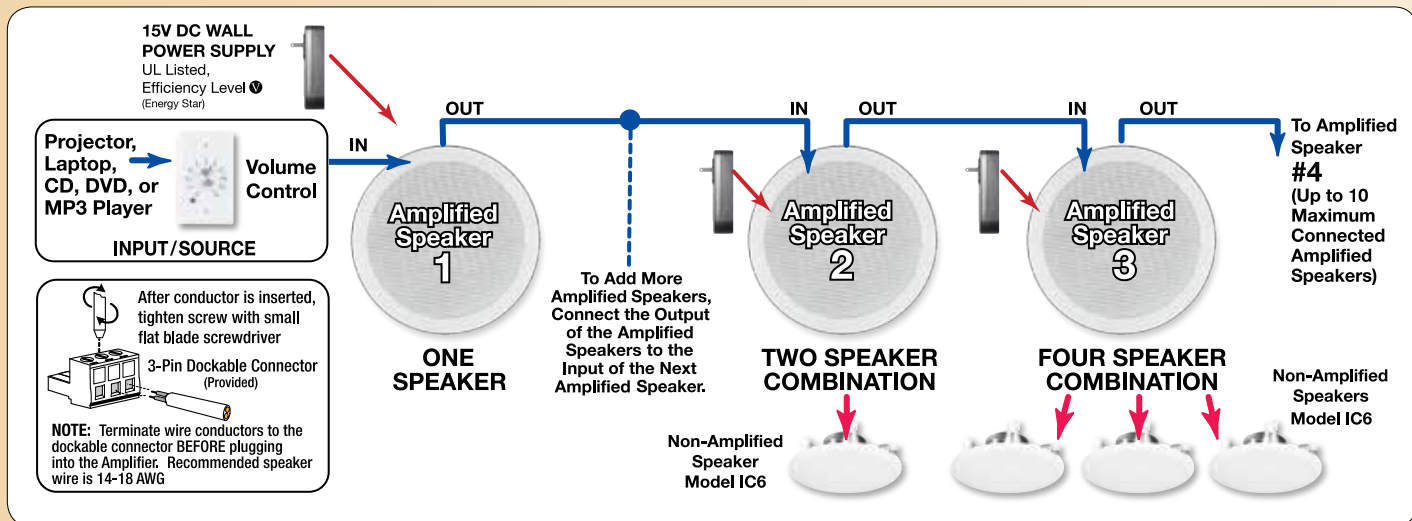
accept a balanced input while suspending the input from a "Normal" or Auxiliary" Input. This feature is very important in times of emergency paging. It also has a built-in stereo combiner which combines two-channel stereo audio into a mono audio signal. Each amplifier can drive up to four Non-Amplified Ceiling Speakers, and the amplifiers can be daisy chained up to a maximum of 10 amplified speakers. The amplifier can output 40 watts, or 10 watts per speaker in a four speaker hook-up. The bass and treble controls give you maximum flexibility as far as sound quality is concerned. A 15V DC, UL Listed, Efficiency Level Ⓢ (Energy Star) Power Supply is included.

Easy and Quick Install.

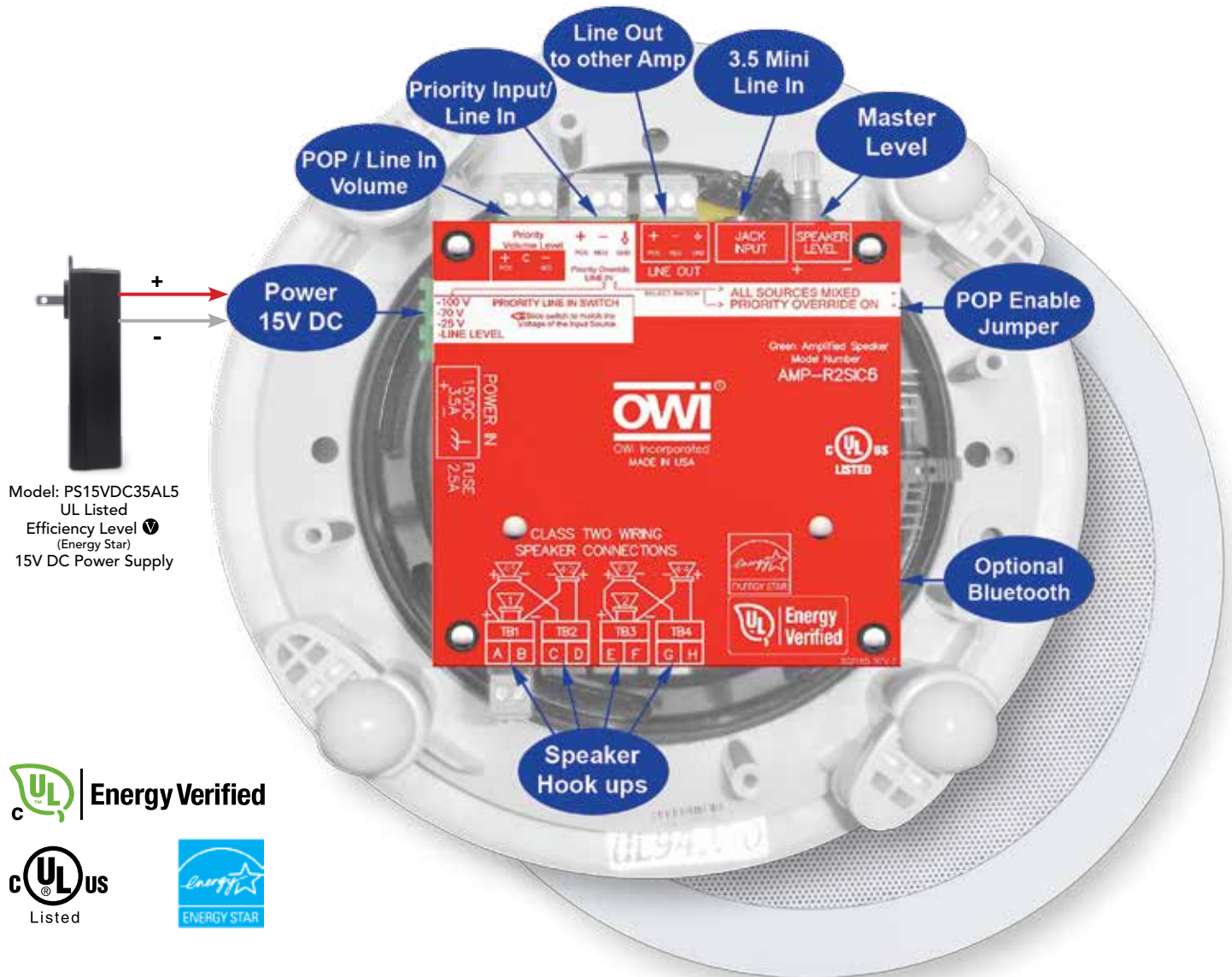
The Self-Amplified Speaker with built in amplifier is easy to install. It comes with Euro Blocks for easy speaker wire connections. The amplifier PC board is designed to drive a total of four Non-Amplified Speakers in series parallel connection. The In-Ceiling Speaker itself is equipped with four easy to install clamps. A cutout template is provided. The white aluminum grills are paintable to match your ceiling.

A speaker combination program is available which includes the speakers, power supply, support truss and backcans.

AMP-R2SIC5/AMP-R2SIC6 Speaker to Another AMP-R2SIC5/AMP-R2SIC6 Speaker Wiring Diagram



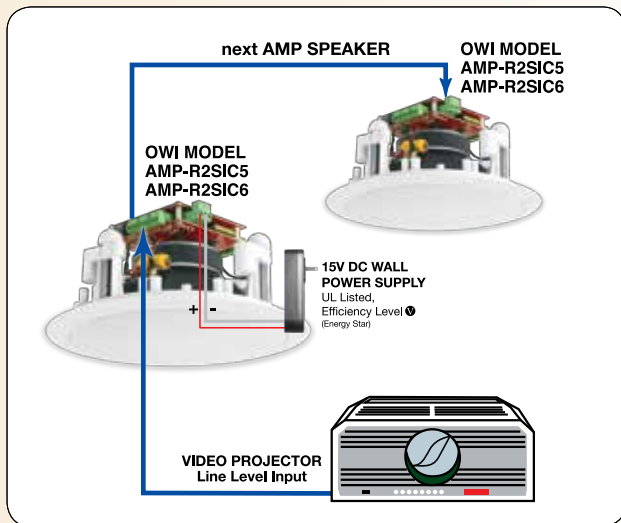
MAKERS WITH ONE SELF-POWERED SPEAKER/AMPLIFIER



Model: PS15VDC35AL5
 UL Listed
 Efficiency Level ∇
 (Energy Star)
 15V DC Power Supply



AMP-R2SIC5/AMP-R2SIC6 Speaker & Projector Wiring Diagram




- ▶ ENERGY STAR MODE – LESS THAN ONE WATT WHEN NO AUDIO IS PRESENT
- ▶ TWO AUDIO INPUTS – BALANCED LINE IN & 3.5 MINI UNBALANCED JACK LINE IN
- ▶ **PRIORITY OVERRIDE FEATURE**
- ▶ BALANCED LINE LEVEL OUTPUT
- ▶ POWER AMPLIFIER OUTPUTS 2 TIMES 20 W OR 40 W TOTAL
- ▶ **BUILT-IN STEREO COMBINER**
- ▶ UP TO 4 SPEAKERS PER AMPLIFIER
- ▶ UP TO 10 AMPLIFIED SPEAKERS ON ONE LINE DAISY CHAINED TOGETHER
- ▶ **BLUETOOTH MODELS AVAILABLE**
- ▶ SPEAKER COMBINATION PROGRAM INCLUDES SPEAKER/SUPPORT TRUSS AND BACKCAN
- ▶ ALSO AVAILABLE ON ASSEMBLED 2X2 PANEL AND BACKCAN MODELS

AMP-R2SIC5 / AMP-R2SIC6

SELF-POWERED, IN-CEILING SPEAKER/AMPLIFIER

TWO SOURCE/INPUTS. CONTROLS UP TO 4 SPEAKERS.
WITH A UL LISTED, 15 VDC, LEVEL  POWER SUPPLY



Model: PS15VDC35AL5
UL Listed
Efficiency Level 
(Energy Star)
15V DC Power Supply

GENERAL SPECIFICATIONS


MODEL NUMBER:	AMP-R2SIC5	AMP-R2SIC6
Woofer Size:	5.25 Inches	6.5 Inches
Weight of Amplifier/Speaker:	2.55 Lbs.	3.15 Lbs.
Height of Amplifier/Speaker:	4 Inches	4.5 Inches
Backcan:	UL Listed Enclosure	UL Listed Enclosure
Tile Bridge:	UL Listed Support Truss	UL Listed Support Truss

ELECTRICAL AMPLIFIER:	AMP-R2SIC5	AMP-R2SIC6
Input Voltage, Nominal:	(25 Watts) 15 V DC	(25 Watts) 15 V DC
Input Current, Operating (15 VDC):	1.667 Amps. Peak	1.667 Amps. Peak
Input Volt-Amperes, Peak (15 VDC):	25 V Amps	25 V Amps
Input Voltage, Maximum:	16.5 V DC	16.5 V DC

FREQUENCY RESPONSE:	AMP-R2SIC5	AMP-R2SIC6
EQ Set to Flat:	50 Hz to 15 kHz	50 Hz to 15 kHz
Bass:	±10 dB @ 50 Hz	±10 dB @ 50 Hz
Treble:	±10 dB @ 10 kHz	±10 dB @ 10 kHz
THD + Noise:	<1% @ 15 W, "A" Weighted	<1% @ 15 W, "A" Weighted
S/N:	>90 dB	>90 dB
Max. Power Output (28 V In.):	2 x 20 W (40 W Total)	2 x 20 W (40 W Total)
DC Power, Standby:	1.5 W	1.5 W
AC Power, Sleep Mode:	>1 W	>1 W

DC POWER (Same for Both Models):

Short Circuit Protected:	Yes
Over Current Protected:	Yes
Over Voltage Protected:	Yes
Over Temperature Protected:	Yes
Min. Load Impedance:	4.0 Ω (Two 8 Ω Speakers in Parallel)
Min. Input Impedance, Priority In:	20,000 Ω
Min. Input Impedance, Bal. Line In:	820 Ω
Min. Input Impedance, Mini-Jack:	2300 Ω
Dynamic Mic. Input Impedance:	300 Ω
Warranty:	1 Year

POWER SUPPLY:	PS15VDC35AL5
Description:	Power Supply
Input:	100 to 240 V AC, 50-60 Hz, 1.4 A
Output:	15 V DC, 3.5 Amps
Wire Gauge and Length:	Min. 18 Gauge up to 40 Ft. Max. Length
Electrical, Power Supply:	UL Listed, Level  (Energy Star)
Weight:	0.45 Lbs.
Size:	4.7"H x 2"W x 1.2"D

Available in Various Speaker Combination Models with Components Listed Below

	IC5 – 5.25", 2-Way, Coaxial, UL Listed
	IC6 – 6.5", 2-Way, Coaxial, UL Listed
	AMPSTVCW – Line Level, Stereo/Mono Volume Control
	5TB or 6TB – UL Listed, Tile Bridge Support Truss
	Backcan – UL Listed, Plenum Rated Back Box (Enclosure)
	2x2 Panel and Backcan Assembly



OWI-INC.COM

2-SOURCE-AMPLIFIED-CEILING-SPEAKERS

www.owi-inc.com

Specification sheets available for download



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