

NEW

# SELF POWERED SPEAKER/AMPLIFIER

AMP-R2SIC5

AMP-R2SIC6

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



The OWI AMP-R2SIC5 / AMP-R2SIC6 is a self-powered speaker/amplifier. This amplifier can drive up to four speakers connected series parallel to have a net impedance of 8 Ohms. With an included UL Listed, Level Ⅴ (Energy Star), power supply, the amplifier can output 40 watts or 10 watts per speaker in a four speaker hook-up.

## FEATURES

- Two Audio Inputs – Balanced Line In and 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
- 15V DC, UL Listed, Efficiency Level Ⅴ (Energy Star) Power Supply
- Up to 4 Speakers per Amplifier
- Up to 10 Amplified Speakers on One Line Daisy Chained Together
- Bluetooth Option
- Speaker/Support Truss/Backcan Combination Program Available
- Available also on a 2 x 2 Panel and Backcan Assembly

# Touchboards

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**OWI**®  
OWI Incorporated  
Established 1978

NEW

AMP-R2SIC5  
AMP-R2SIC6

# SELF POWERED SPEAKER / AMPLIFIER

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

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 Ⅴ (Energy Star) Power Supply is included.

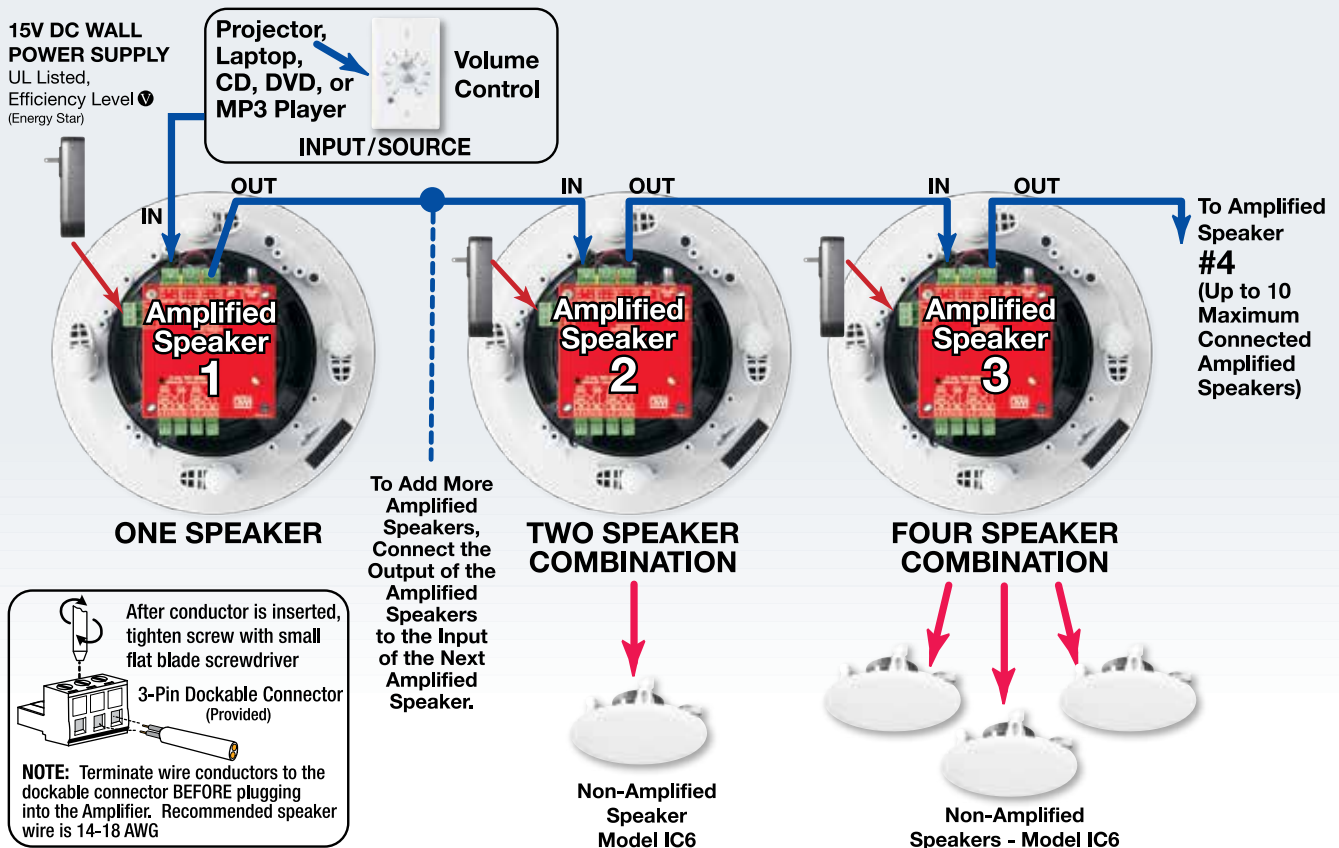
## The Benefits of OWI's Self-Amplified Speakers with Built in Amplifier.

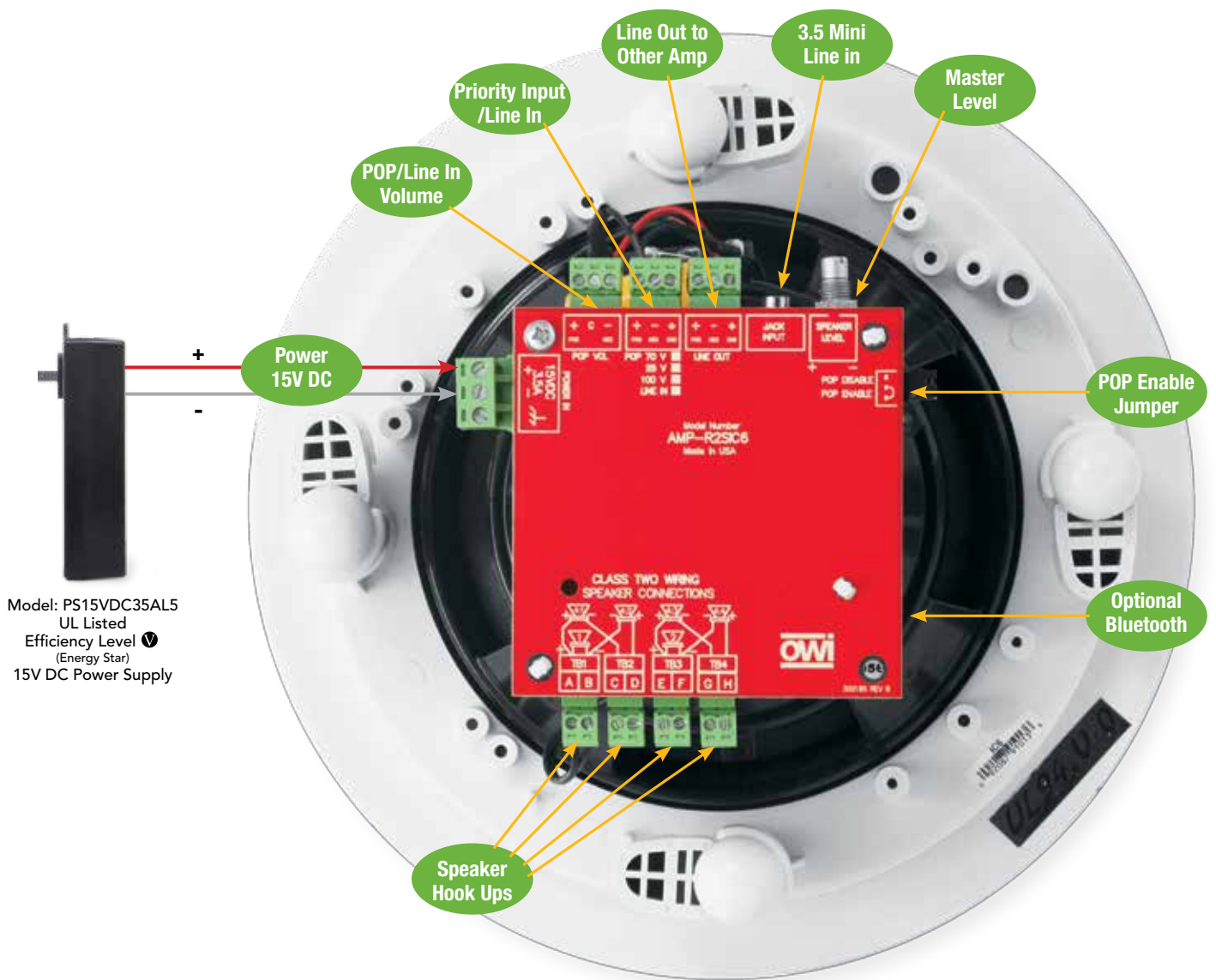
The OWI AMP-R2SIC5/IC6 is a self-powered or self-amplified, In-Ceiling Speaker which features a built-in amplifier on top of the speaker's magnet. Non-Amplified Speakers need a separate amplifier to amplify sounds, but with Self-Amplified Speakers you don't need a rack to hold the bulky amplifier. Another good feature of this speaker is the Priority Override which can accept a balanced input while suspending the input

## Easy and Quick Install.

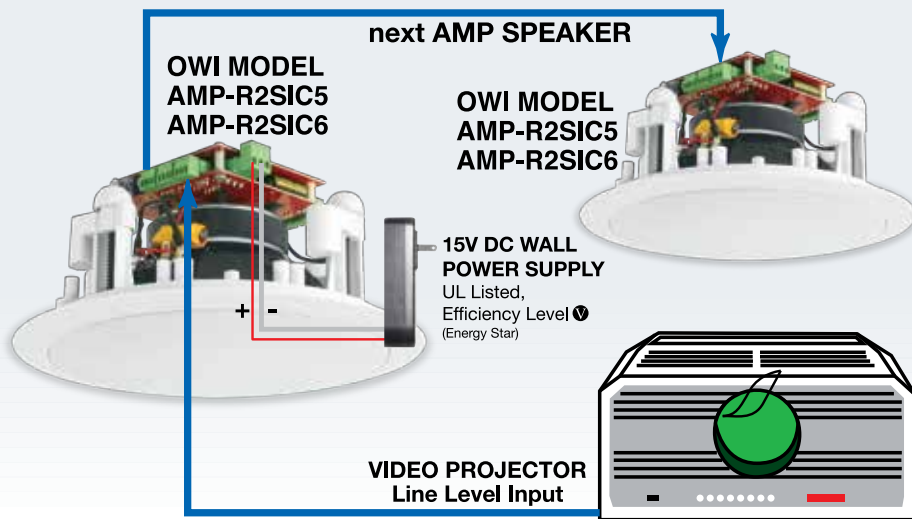
The Self-Amplified Speaker with built in amplifier is easy to install. It comes with Euro Blocks for easy speaker wire connections. The amplifier PC board is designed to drive one, two or four Non-Amplified Speakers in series parallel connection. The In-Ceiling Speaker itself is equipped with four easy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

### AMP-R2SIC5/IC6 Speaker to Another AMP-R2SIC5/IC6 Speaker Wiring Diagram





### AMP-R2SIC5/AMP-R2SIC6 Self-Amplified Speaker & Projector Wiring Diagram






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AMP-R2SIC5  
AMP-R2SIC6

# SELF POWERED 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 (15VDC):	1.667 Amps. Peak	1.667 Amps. Peak
Input Volt-Amperes, Peak (15VDC):	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 Hz	±10 dB @ 10 Hz
THD + Noise:	<1% at 15 W, "A" Weighted	<1% at 15 W, "A" Weighted
S/N:	>90 dB	>90 dB
Max Power Output (28V in.):	2 x 20 W or 40 W Total	2 x 20 W or 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

MODEL NUMBER:	PS15VDC35AL5
Description:	Power Supply
Input:	100 to 240 V AC, 50-60 Hz, 1.4A
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" x 2" W x 1.2" D

### RECOMMENDED NON-AMPLIFIED SPEAKERS:



IC5 – 5.25", 2-Way, Coaxial, UL Listed

IC6 – 6.5", 2-Way, Coaxial, UL Listed

### RECOMMENDED ACCESSORIES



AMPSTVCW – Line Level, Stereo / Mono  
Volume Control



5TB or 6TB – UL Listed, Tile Bridge Support Truss



Backcan – UL Listed, Plenum Rated  
Back Box (Enclosure)

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