

NEW

SELF-AMPLIFIED GREEN CEILING SPEAKER

Model: AMP1SGRN



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

32W



Touchboards

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- Self-Powered Green Speaker
- UL and Energy Star Listed
- 2 x 16 or Total 32 Watts Max Power
- Three Audio Inputs
- Supervision (RS232 Controllable)
- Priority Override Feature
- Balanced Line Level Output
- Self Test Feature
- Built-In Stereo Combiner
- Infrared Wireless Microphone Auxiliary Input
- Speaker Combination Program Available
- 15V DC, UL Listed, Efficiency Level V (Energy Star) Power Supply



Envirōtainment™

OWI®
OWI Incorporated
Established 1976
www.owi-inc.com

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The Benefits of OWI's Self-Amplified "GREEN" Speakers

Built in Amplifier.

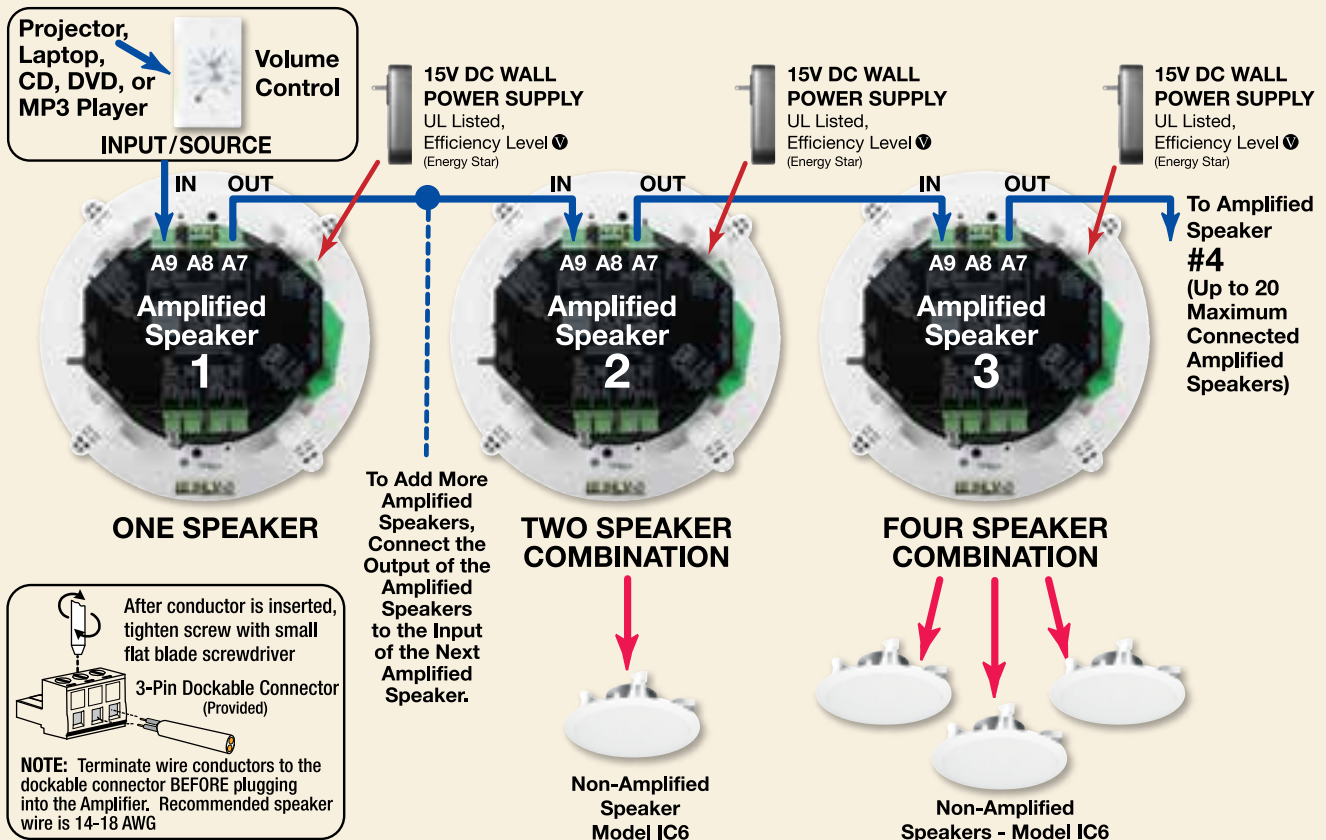
The OWI AMP1SGRN is a self-powered or self-amplified, In-Ceiling Speaker which features a built-in amplifier on top of the speaker's magnet. Non-Amplified Speakers need a separate amplifier to amplify sounds, but with Self-Amplified Speakers you don't need a rack to hold the bulky amplifier. One of the 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 20 amplified speakers. The amplifier can output 32 watts, or 8 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 1 (Energy Star) Power Supply is included.

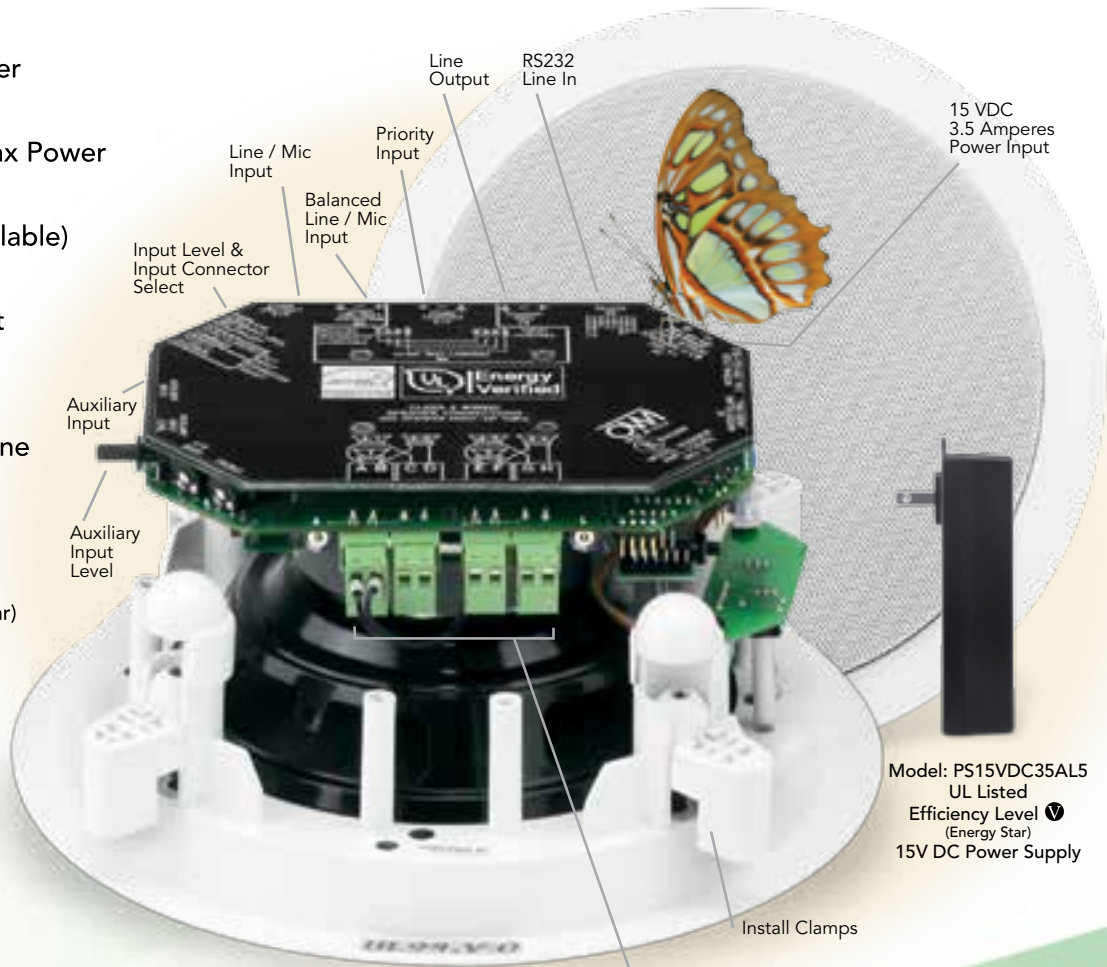
Easy and Quick Install.

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 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.

AMP1SGRN Speaker to Another AMP1SGRN Speaker Wiring Diagram



- Self-Powered Green Speaker
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- Self Test Feature
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- Infrared Wireless Microphone Auxiliary Input
- Speaker Combination Program Available
- 15V DC, UL Listed, Efficiency Level V (Energy Star) Power Supply

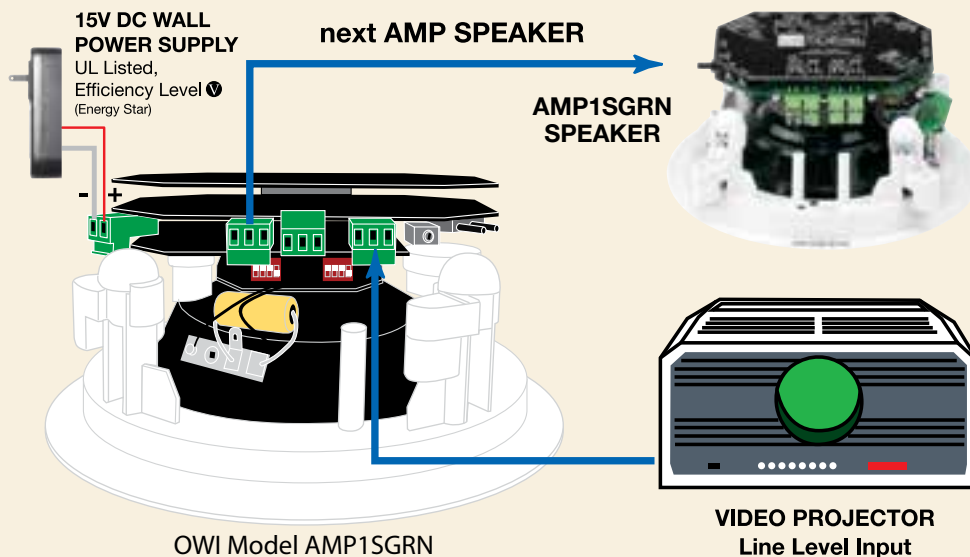


Model: PS15VDC35AL5
 UL Listed
 Efficiency Level V (Energy Star)
 15V DC Power Supply



AMP1SGRN


AMP1SGRN Self-Amplified Speaker & Projector Wiring Diagram

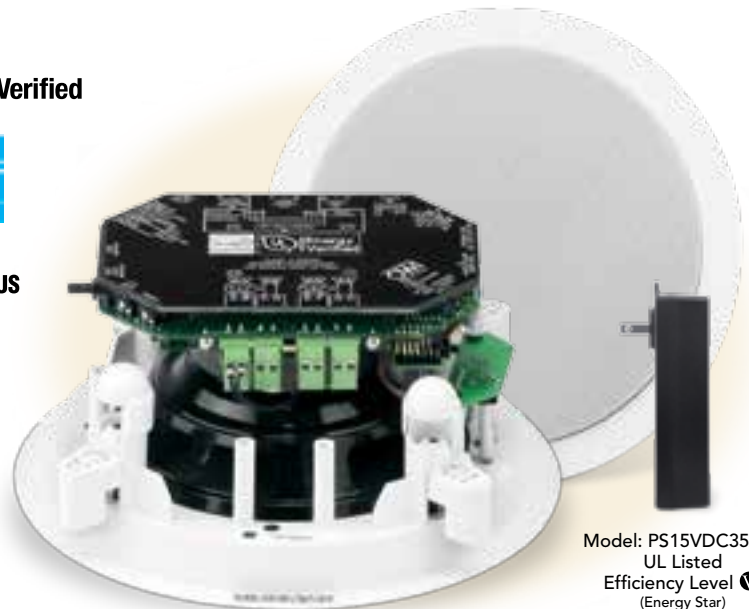



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Model: PS15VDC35AL5
UL Listed
Efficiency Level 
(Energy Star)
15V DC Power Supply

GENERAL SPECS	AMPLIFIED SPEAKER	NON-AMPLIFIED SPEAKERS
SPEAKER MODEL NUMBER:	AMP1SGRN	MODEL NUMBER: IC6
AMPLIFIER		Description: 6.5", 2-Way
Input Voltage (Nominal):	(25 W) 15 VDC	Max. Power Output: 50 Watts
Input Current, Operating (15 VDC):	1.667 Amperes Peak	Nominal Power: 25 Watts
Input Volt-Amperes, Peak (15 VDC):	25 V - Amperes	Sensitivity: 87 dB SPL 1 w/m
Input Voltage Maximum:	16.5 V, DC	Frequency Response: 65 Hz - 20 kHz
Frequency Response:		Impedance: 8 Ω
EQ Set to Flat:	50 Hz to 15 kHz	Dispersion: 140°
Bass:	+10 dB @ 50 Hz	Woofers Size: 6.5"
Treble:	+10 dB @ 10 kHz	Woofers Material: Paper Coated Woofer Foam Surround
THD + Noise:	<1% at 15 W, "A" Weighted	Tweeter Size: 0.5" (13 mm) Balance Tweeter
S/N:	>90 dB	Tweeter Material: Ferrite Magnet with Mylar Diaphragm
Max. Power Output (15 V In):	2 Times 16 W or a Total of 32 W	Grill Material: Aluminum
AC Power, Sleep Mode:	Less than 1 W	Dimensions
DC Power (Standby):	1.5 W	8 3/4" (223 mm) Diameter x
Short Circuit Protected:	Yes	3 3/8" (85 mm) Mounting Depth
Over Current Protected:	Yes	Cut Out Size: 7 11/16" (195 mm)
Over Voltage Protected:	Yes	Weight (lbs./Kgs): 2.51 lbs. (1.1 Kgs)
Over Temperature Protected:	Yes	Mounting Hardware: Clamps - 4 Ea.
Min. Load Impedance:	4.0 Ω (Two 8 Ω Speakers in Parallel)	Paintable: Yes
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	
Backcan: **	UL Listed Enclosure (Suitable for use in air handling spaces)	
Tile Bridge: **	UL Listed Support Truss (Suitable for use in air handling spaces)	
Warranty:	1 Year	

**Mechanical "UL Rating" is dependent upon use of the Backcan and Tile Bridge.

Note: Maximum power requires the replacement of the 15 Volt supply with a 22 Volt supply and Energy Star and UL approvals no longer apply.

POWER SUPPLY - Model PS15VDC35AL5 -
15V DC, UL Listed, Efficiency Level  (Energy Star)
Input: 100 to 240 VAC, 50 - 60 Hz, 1.4 A
Output: 15 VDC, 3.5 Amperes
Weight: 0.45 lbs.
Size: 4.7" H x 2" W x 1.2" D

- RECOMMENDED ACCESSORIES**
-  AMPSTVCW – Line Level, Stereo / Mono Volume Control
 -  MC4DNGL – Mic or Line Audio Mixer with Dongle
 -  5TB or 6TB – UL Listed, Tile Bridge Support Truss
 -  Backcan – UL Listed, Plenum Rated Back Box (Enclosure)

