

**NEW**

**Another OWI Innovation!**

# OWI SELF POWERED INTEGRATABLE IN-CEILING SPEAKER/AMPLIFIER

Model **AMP-HD2SIC5/6**

*New Improved Sound with More Features*

CLASSROOMS



CONFERENCE ROOMS



2x2 Full Grill  
Panel and Backcan  
Assembly and  
Plenum Box

2x2 Metal Tile  
Panel with Backcan  
Assembly



### **Features:**

**NFPA72 Ready with  
Built-In Electronic Shunt  
Integrates with Life Safety  
Works with Talkback  
Paging**

### **3 Audio Inputs**

- Stereo 3.5 Mini Jack Line Input
- Balanced Line Input
- Proprietary Cat5 Input  
(OWI Products)

### **Priority Override Paging (POP)**

- POP Trigger Level
- POP Volume Level



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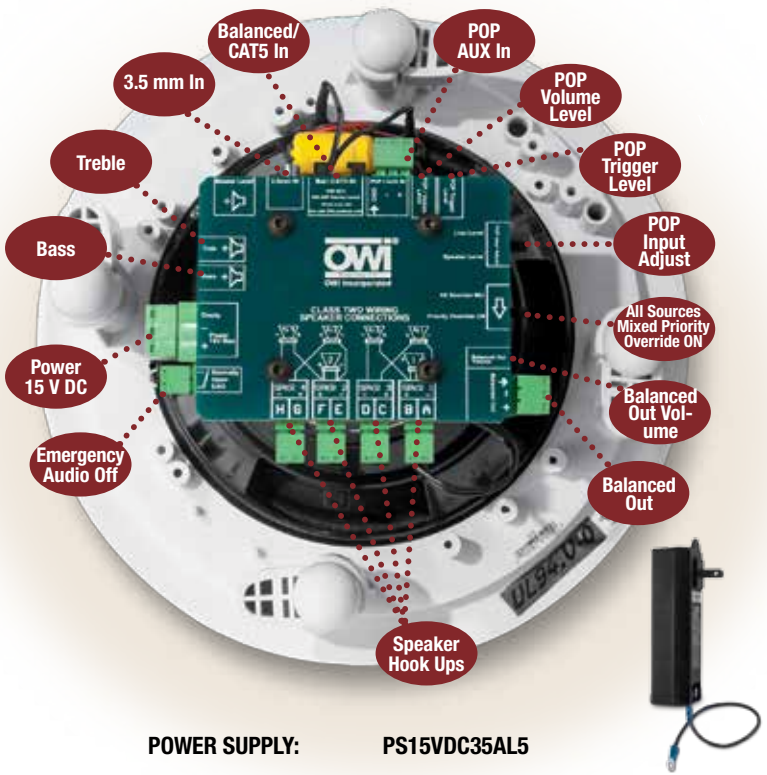
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**GENERAL SPECIFICATIONS**

**ELECTRICAL AMPLIFIER: AMP-HD2SIC5/6**

Input Voltage, Nominal:	15 V DC (25 Watts)
Input Current, Operating (15 VDC):	1.45 Amps Peak
Input Volt-Amperes, Peak (15 VDC):	22 V Amps
Input Voltage, Maximum:	16.5 V DC

**Frequency Response:**

EQ Set to Flat:	20 Hz to 20 kHz
Bass:	±10 dB @ 50 Hz
Treble:	±10 dB @ 10 kHz
THD + Noise:	<1% at 13.5 W, "A" Weighted
S/N:	>82 dB
Max Power Output (28 V in.):	40 W
DC Power, Standby:	1.4 W
AC Power, Sleep Mode:	1.4 W

**DC Power:**

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:	10,000 Ω
Min. Input Impedance, RJ45 In:	150,000 Ω
Min. Input Impedance Mini-Jack:	37,000 Ω
Warranty:	1 Year

MODEL NUMBER:	AMP-HD2SIC5	AMP-HD2SIC6
Speaker Diameter:	5.25 Inches	6.5 Inches
Weight of Amplifier/Speaker Assembly:	2.55 Lbs.	3.15 Lbs.
Height of Amplifier/Speaker Assembly:	4 Inches	4.5 Inches
Backcan "Suitable for use in air handling spaces"	UL Listed Enclosure	UL Listed Enclosure
Tile Bridge "Suitable for use in air handling spaces"	UL Listed Support Truss	UL Listed Support Truss

Mechanical "UL rating is dependent upon use of the Backcan and Tile Bridge"

**POWER SUPPLY: PS15VDC35AL5**

Description:	Power Supply
Input:	100 to 250 VAC, 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

**MODEL NAMES CONFIGURATION**

HD = Digital Amplifier
IC = Cut In In-Ceiling Speakers
2x2 = Drop In Speaker on a 2x2 Panel
FG = Drop In Speaker on a 2x2 Panel with Full Grill Covering the Bottom
TR = 25/70 Volt Transformer Built on to the Product
ER = Multicoil Speaker
BT = Bluetooth Included
SVC Includes Volume Control

Speaker Size and Quantity
51 = 1 each 5 Inch Speaker Package
52 = 2 each 5 Inch Speaker Package (1 Amp & 1 Companion Speaker Package)
54 = 4 each 5 Inch Speaker Package (1 Amp & 1 Companion Speaker Package)
61 = 1 each 6 Inch Speaker Package
62 = 2 each 6 Inch Speaker Package (1 Amp & 1 Companion Speaker Package)
64 = 4 each 6 Inch Speaker Package (1 Amp & 1 Companion Speaker Package)



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Specification sheets available for download