

# AMPLIFIED "GREEN" SPEAKER: IN CEILING

ARCHITECTS AND ENGINEERS  
SPECIFICATIONS / TECHNICAL DATA

## GENERAL SPECIFICATIONS



MODEL NUMBER:	AMP1SGRN
DESCRIPTION:	6.5" "Green" Amplified Speaker
Input Voltage (Nominal):	(25 W) 15 VDC
Input Current, Operating (15 VDC):	1.667 Amperes Peak
Input Volt-Amperes, Peak (15 VDC):	25 V - Amperes
Input Voltage Maximum:	16.5 V, DC
Frequency Response:	
EQ Set to Flat:	50 Hz to 15 kHz
Bass:	+10 dB @ 50 Hz
Treble:	+10 dB @ 10 kHz
THD + Noise:	<1% at 15 W, "A" Weighted
S/N:	>90 dB
Max. Power Output (15 V In):	2 Times 16 W or a Total of 32 W
AC Power, Sleep Mode:	Less than 1 W
DC Power (Standby):	1.5 W
Short Circuit Protected:	Yes
Over Current Protected:	Yes
Over Voltage Protected:	Yes
Over Temperature Protected:	Yes
Min. Load Impedance:	4.0 $\Omega$ (Two 8 $\Omega$ Speakers in Parallel)
Min. Input Impedance, Priority In:	20,000 $\Omega$
Min. Input Impedance, Bal. Line In:	820 $\Omega$
Min. Input Impedance, Mini-Jack:	2300 $\Omega$
Dynamic Mic Input Impedance:	300 $\Omega$
POWER SUPPLY:	Model: PS15VDC35AL5 15V DC, UL Listed, Level 5 (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
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.



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