

# SELF POWERED WIRELESS CEILING SPEAKER/AMPLIFIER

ARCHITECTS AND ENGINEERS  
SPECIFICATIONS / TECHNICAL DATA

## GENERAL SPECIFICATIONS



MODEL NUMBER: AMP-BT2SIC5	
Woofer Size:	5.25 Inches
Weight of Amplifier/Speaker:	2.55 Lbs.
Height of Amplifier/Speaker:	4 Inches
Backcan:	UL Listed Enclosure
Tile Bridge:	UL Listed Support Truss
<b>ELECTRICAL AMPLIFIER:</b>	
Input Voltage, Nominal:	(25 Watts) 15 V DC
Input Current, Operating (15 VDC):	1.667 Amps. Peak
Input Volt-Amperes, Peak (15 VDC):	25 V Amps
Input Voltage Maximum:	16.5 V, DC
<b>Frequency Response:</b>	
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 (20V in):	2 x 20 W or 40 W Total
DC Power (Standby):	1.5 W
AC Power, Sleep Mode:	>1 W (Energy Star)
<b>DC Power</b>	
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 $\Omega$
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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# AMPLIFIER CEILING SPEAKER WITH BLUETOOTH

ARCHITECTS AND ENGINEERS  
SPECIFICATIONS / TECHNICAL DATA

2 SOURCE, 6", 40 WATTS



## GENERAL SPECIFICATIONS

MODEL NUMBER: AMP-BT2SIC6	
Woofer Size:	6.5 Inches
Weight of Amplifier/Speaker:	3.15 Lbs.
Height of Amplifier/Speaker:	4.5 Inches
Backcan:	UL Listed Enclosure
Tile Bridge:	UL Listed Support Truss
<b>ELECTRICAL AMPLIFIER:</b>	
Input Voltage, Nominal:	(25 Watts) 15 V DC
Input Current, Operating (15 VDC):	1.667 Amps. Peak
Input Volt-Amperes, Peak (15 VDC):	25 V Amps
Input Voltage Maximum:	16.5 V DC
<b>Frequency Response:</b>	
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 (20V in):	2 x 20 W or 40 W Total
DC Power (Standby):	1.5 W
AC Power, Sleep Mode:	>1 W (Energy Star)
<b>DC Power</b>	
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 $\Omega$
<b>BLUETOOTH FEATURES</b>	
Certified SIG Bluetooth Version 3.0	
Frequency Range 2.40 - 2.48 MHz	
Supports A2DP, AVRCP, HFP/HSP and SPP	
Password Protected	
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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