

NEW

Model: **2X2FG-BT2S61**

SELF POWERED,
IN-CEILING SPEAKER/
AMPLIFIER
ON A **2X2 FULL GRILL** WITH BACKCAN
((WITH BLUETOOTH®))

CLASSROOMS



CONFERENCE ROOMS



**2 SOURCE/INPUT,
SELF-POWERED
SPEAKER/
AMPLIFIER WITH
BLUETOOTH ON A
2X2 FULL GRILL**

- PRIORITY OVERRIDE FEATURE
- BUILT-IN STEREO COMBINER
- UP TO 4 SPEAKERS PER AMPLIFIER
- SPEAKER/BACKCAN SUPPORT TRUSS COMBINATION PROGRAM AVAILABLE
- PERFECT FOR SCHOOLS, WELLNESS CENTERS, OFFICES & RETAIL WHERE EFFICIENT, SPACE-SAVING CEILING SPEAKERS ARE NEEDED



AMP-BT2SIC6
Amplified
Ceiling Speaker
with Bluetooth®
& 15 V DC
Power Supply

Full Grill with
Metal Backcan
Enclosure and/
or Metal Wiring
Box Option



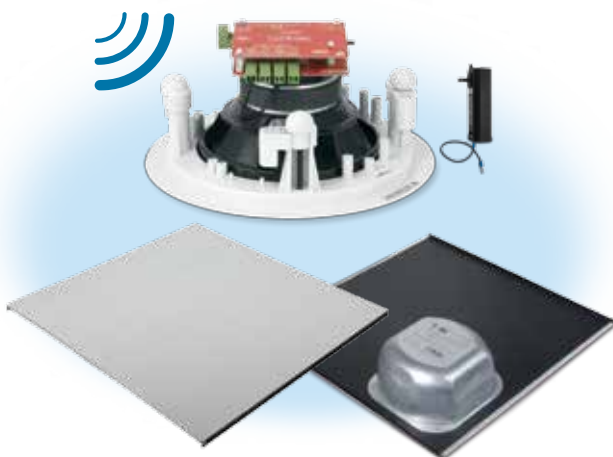
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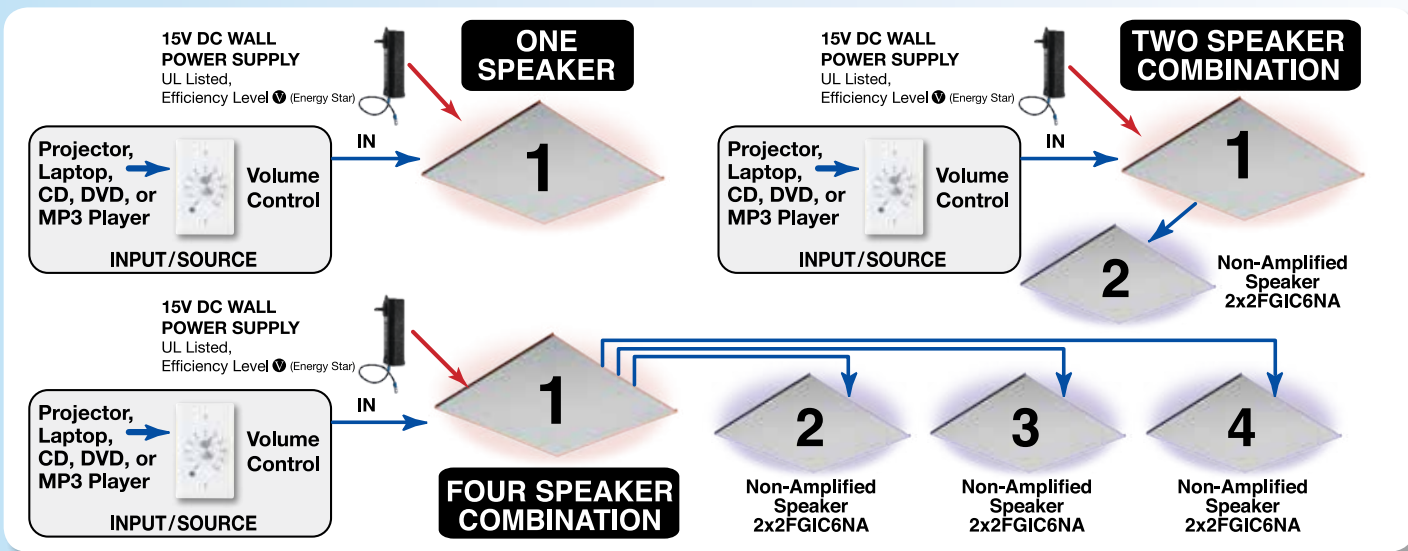
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ON A **2X2 FULL GRILL** WITH BACKCAN

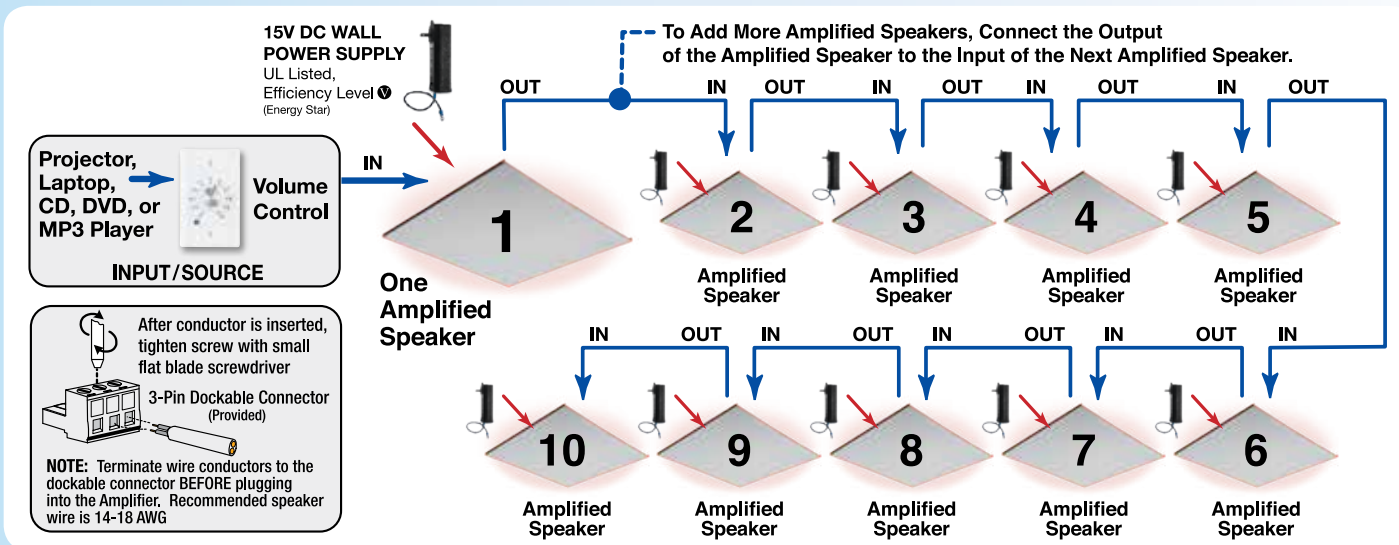
((WITH BLUETOOTH®))



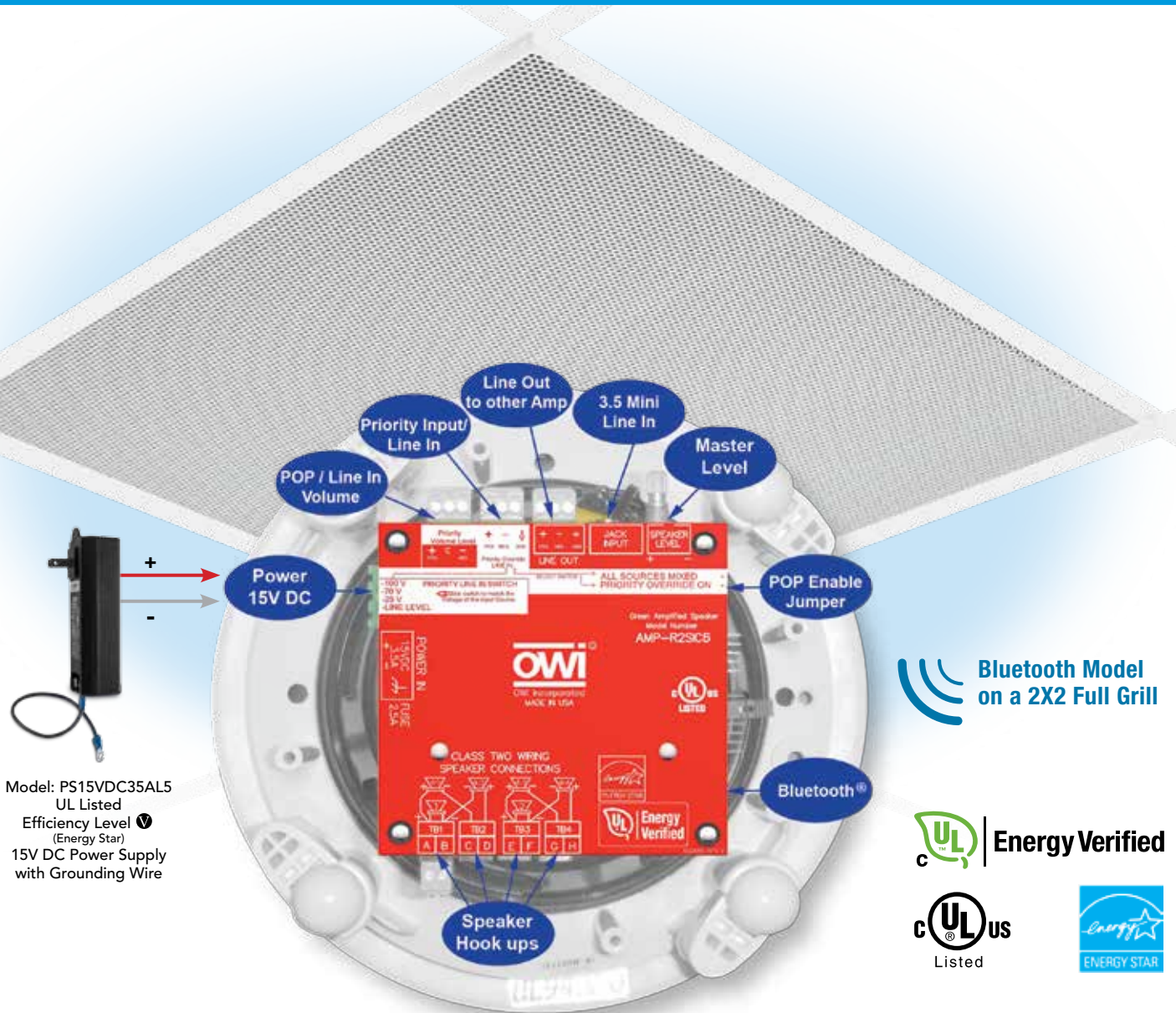
Wiring Diagram for One, Two or Four Speakers



2X2FG-BT2S61 Speaker to Another 2X2FG-BT2S61 Speaker Wiring Diagram (Daisy-Chained up to Maximum Ten Amplified Speakers)



AMPLIFIERS WITH ONE SELF-POWERED SPEAKER/AMPLIFIER



Model: PS15VDC35AL5
 UL Listed
 Efficiency Level 1 (Energy Star)
 15V DC Power Supply
 with Grounding Wire

Bluetooth Model on a 2X2 Full Grill

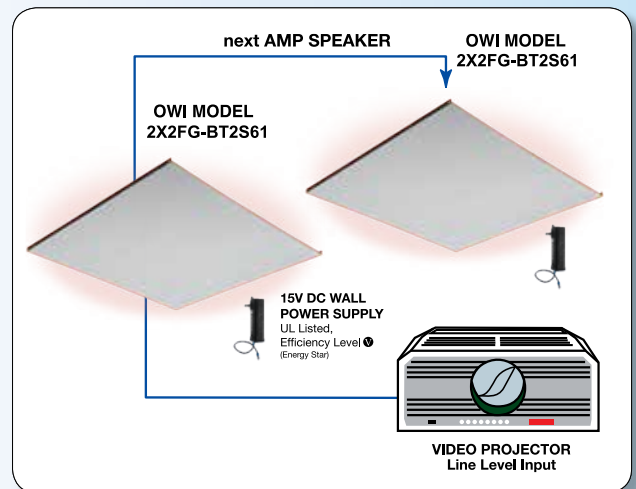
Energy Verified

UL US Listed

ENERGY STAR

- **BLUETOOTH FEATURE**
- **Two Audio Inputs – Balanced line In & 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**
- **BUILT-IN STEREO COMBINER**
- **Up to 4 Speakers Per Amplifier**
- **Up to 10 Amplified Speakers on One Line Daisy Chained Together**
- **Speaker Combination Program Includes Speaker/Support Truss and Backcan**
- **Also Available on Assembled 2X2 Panel and Backcan Models**

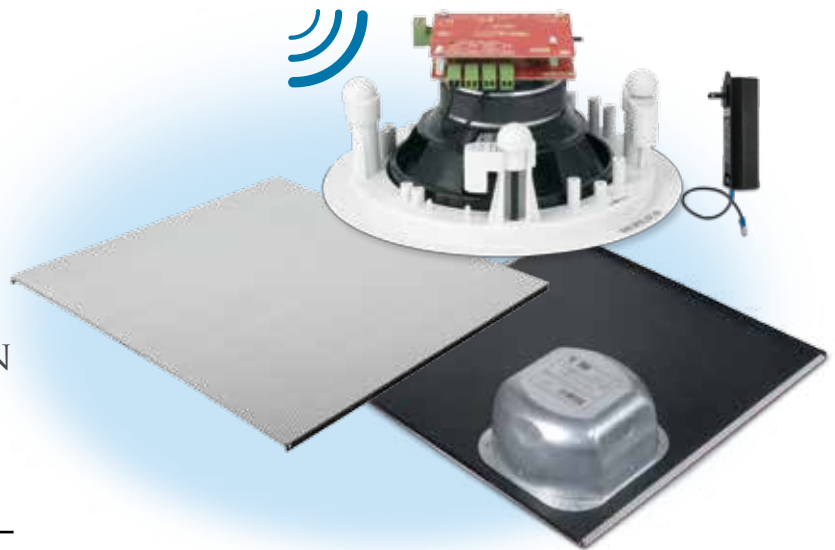
2X2FG-BT2S61 Speaker & Projector Wiring Diagram



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((WITH BLUETOOTH®))



BLUETOOTH® FEATURES:

Certified SIG Bluetooth Version 3.0
Frequency Range 2.40 – 2.48 MHz
Supports A2DP, AVRCP, HFP/HSP and SPP
Password Protected

GENERAL SPECIFICATIONS

MODEL NUMBER: 2X2FG-BT2S61

Woofer Size: 6.5 Inches
Weight of Amplifier/ Speaker: 15 Lbs.
(Full Grill and Backcan Assembly)
Overall Dimensions (L x W x H): 24" x 24" x 4.5"

ELECTRICAL AMPLIFIER: 2X2FG-BT2S61
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

FREQUENCY RESPONSE: 2X2FG-BT2S61
EQ Set to Flat: 50 Hz to 15 kHz
Bass: ±10 dB @ 50 Hz
Treble: ±10 dB @ 10 kHz ±10 dB @ 10 kHz
THD + Noise: <1% @ 15 W, "A" Weighted
S/N: >90 dB
Max. Power Output (28 V In.): 2 x 20 W (40 W Total)
DC Power, Standby: 1.5 W
AC Power, Sleep Mode: >1 W

FREQUENCY RESPONSE: 2X2FG-BT2S61
Short Circuit 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



POWER SUPPLY:	PS15VDC35AL5
Description:	Power Supply
Input:	100 to 240 V AC, 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 ① (Energy Star)
Weight:	0.45 Lbs.
Size:	4.7"H x 2"W x 1.2"D

OPTIONS AVAILABLE:



2X2FGIC6NA –
6.5", 2-Way, Coaxial,
UL Listed



AMPSTVCW –
Line Level, Stereo/Mono
Volume Control



2x2 Full Grill Panel and
Backcan Assembly and
Wiring Box



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2X2-FULL-GRILL-2-SOURCE-BT-
AMPLIFIED-CEILING-SPEAKERS
www.owi-inc.com
Specification sheets available for download