

SONANCE

MULTI-CHANNEL POWER AMPLIFIER 8-50 | 16-50 QUICKSTART GUIDE

BOX CONTENTS

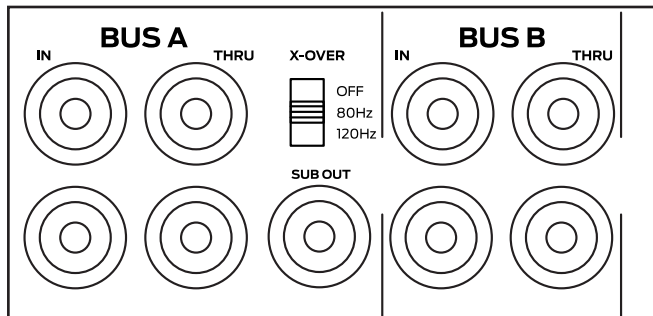
- (1) Quickstart Guide
- (1) Sonance Amplifier (8-50 or 16-50 model)
- (1) IEC Power Cord (Region Dependent)
- (4) Amp Feet
- (2) Rack Ears and Screws
- (4) Block Connector for Speaker Outputs
- (1) Block Connector for Voltage Trigger

APPLICATION NOTES

BUS CONNECTIONS

- BUS A LOW PASS X-OVER: Subwoofer crossover can be set to 80Hz or 120 Hz. High Pass x-over will impact the Left and Right BUS A channels as well
- Powering a Passive Subwoofer: Use RCA from subwoofer output to an unused discrete line input in BRIDGE mode

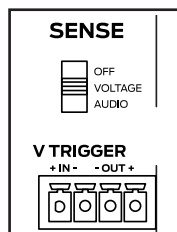
NOTE: Setting the X-OVER to 80Hz or 120Hz will crossover the signal for any zone output using BUS A (80Hz and above, or 120Hz and above)



Connect source audio cables to Bus A, Bus B, or Direct, making sure to adjust DIP switch to appropriate selection for each Zone Output.

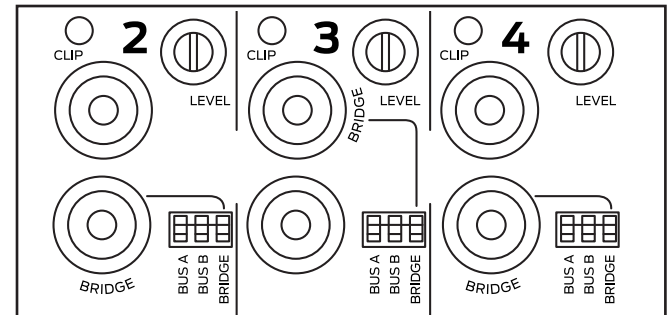
SENSE SWITCH FOR POWER SELECTION

- Switch Set to "OFF", Amp is always powered on, ready to play audio
- Switch Set to "VOLTAGE", Amp will power on with 12V DC applied. Use the output to pass through to other amps
- Switch Set to "AUDIO", Amplifier will power on with audio signal after 4-6 seconds, and off with a loss of audio signal after 15 minutes



ZONE INPUT CONNECTIONS

- Use RCA connections from discrete source to play to associated zone (discrete inputs are always active)
- Use DIP switch if using Bus A, Bus B, or to bridge the speaker output
- Note the alternating Left or Right Discrete input for bridged mode outputs
- Zone Level Control: Adjust in small increments to correct output gain as needed



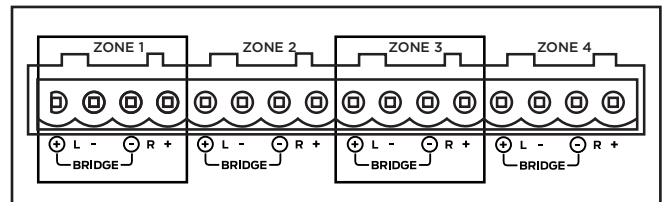
DIP switches to enable Bus A input, Bus B input, and Bridge mode on each zone.

BUS INPUTS AND DIP SWITCHES

DIP Switch selections can include one or both BUS inputs, and or BRIDGE. When more than one BUS input is selected on the DIP switch, the audio signals will be mixed and all will be played back in that zone. This can be useful when one BUS includes paging or a doorbell signal

SPEAKER CONNECTIONS

- Attach speaker wire (up to 12 gauge) with included speaker block connectors for each zone
- Wiring for Bridge Mode: Use Left Positive and Right Negative connections



Accepts speaker wire, up to 12 gauge. Note polarity when connecting.

NOTE: Do not combine negative terminals. The amp is not common ground type architecture.

LED STATUS INDICATORS

Front Panel System Status Indicator

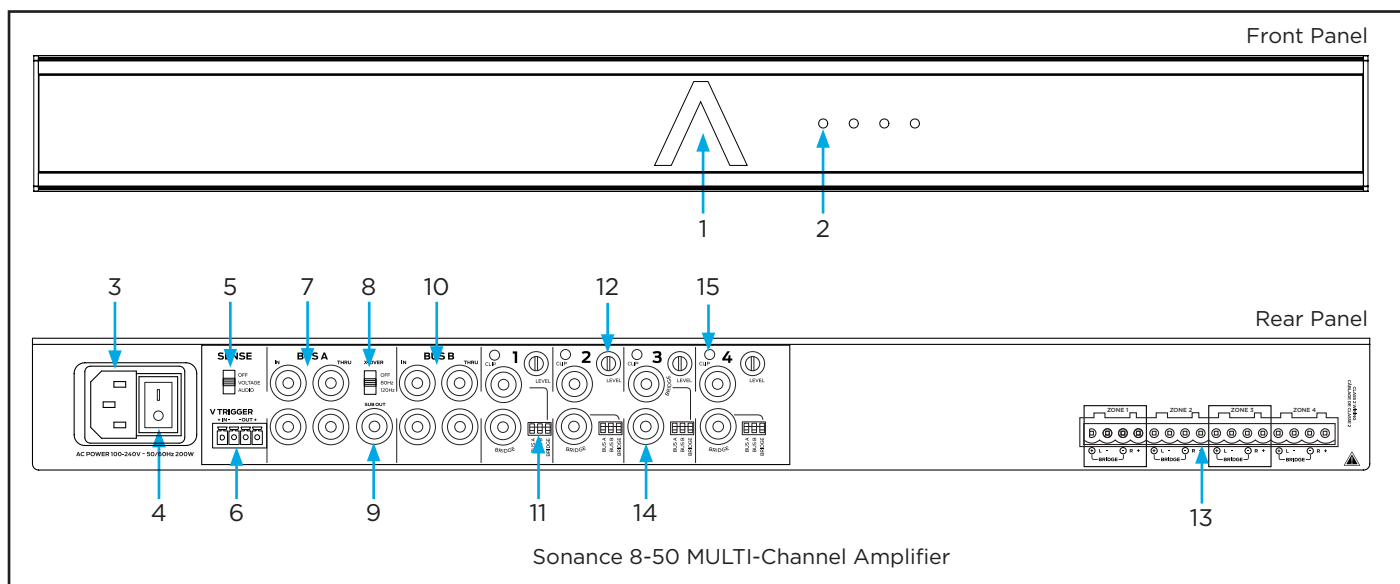
- White: Amp has power and is in Standby mode
- Blue: Amp has power and is Active
- Red: Amp is in protect mode. Power cycle amplifier to reset, check all connections

Front Panel Zone Indicators

- White: Amp channel is on, no audio present
- Blue: Amp channel is on, audio present
- Red: Amp channel in protect mode. Power cycle amplifier to reset, check all connections
- Yellow: Clipping amplifier output

Rear Panel Clip Indicators

- Red: Zone Signal is too high, clipping amp output. Resolve by lowering source input signal or volume



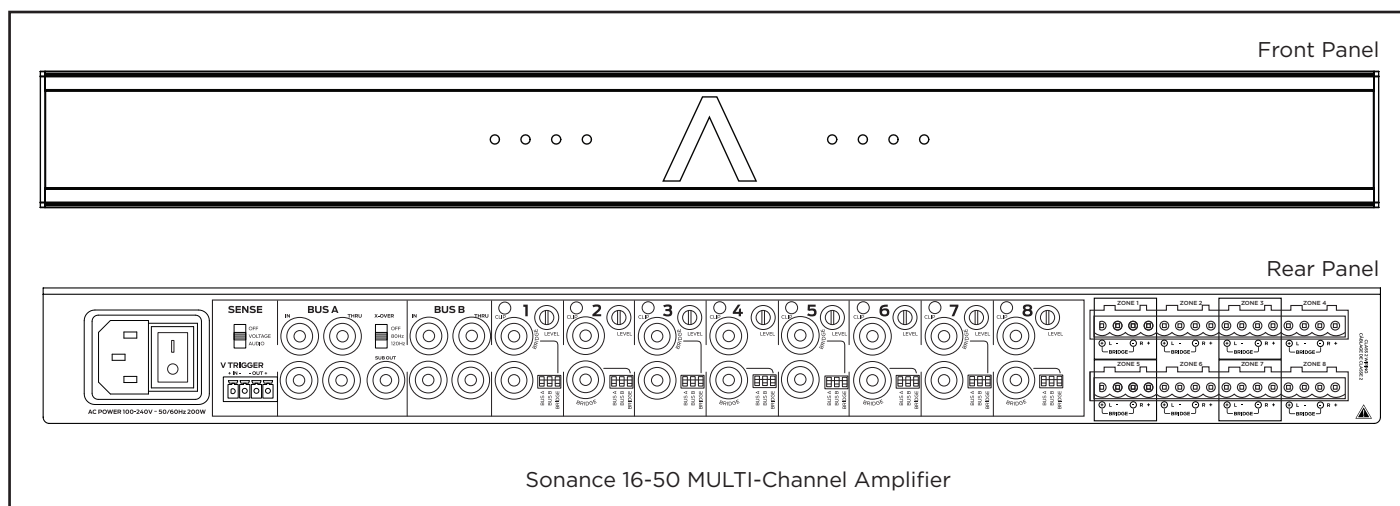
FRONT PANEL

1. System Status Indicator
2. Zone Status Indicator

IMPORTANT: DO NOT PLUG THE POWER CORD INTO THE OUTLET UNTIL ALL SYSTEM CONNECTIONS HAVE BEEN MADE.

REAR PANEL

3. AC Power Socket
4. AC Power Switch
5. Sense Switch
6. Voltage Trigger Connector
7. Bus A Input / Thru
8. Crossover Switch (Bus A)
9. Sub Out (Bus A)
10. Bus B Input / Thru
11. Zone Configuration DIP Switch
12. Zone Level Control
13. Zone Speaker Outputs
14. Zone Local Inputs
15. Zone Clip Indicator



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For technical support call 949.492.7777
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