

# SONANCE

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

### BOX CONTENTS

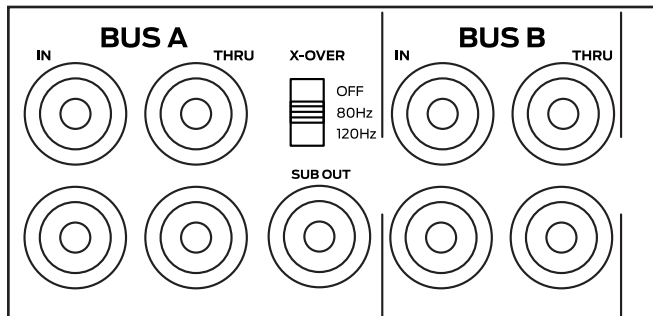
- (1) Quickstart Guide
- (1) Sonance Amplifier (8-50 or 16-50 model)
- (1) IEC Power Cord (Region Dependent)
- (4) Amp Feet
- (2) Rack Ears and Screws
- (4) Block Connector for Speaker Outputs
- (1) Block Connector for Voltage Trigger

### 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

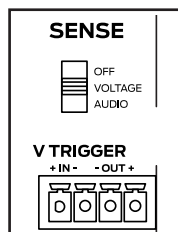
**NOTE: Setting the X-OVER to 80Hz or 120Hz will crossover the signal for any zone output using BUS A (80Hz and above, or 120Hz and above)**



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

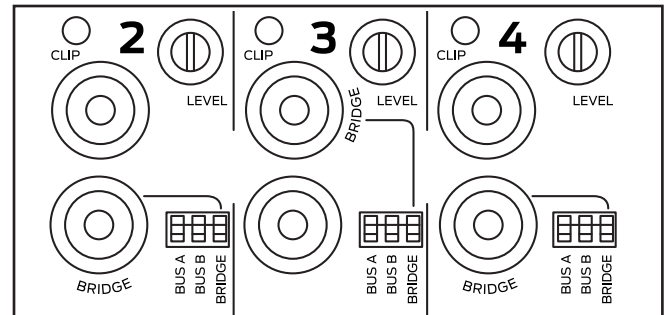
#### SENSE SWITCH FOR POWER SELECTION

- 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



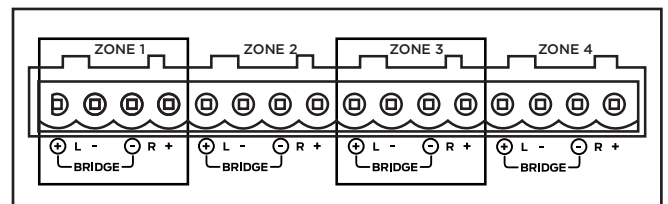
DIP switches to enable Bus A input, Bus B input, and Bridge mode on each zone.

#### 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

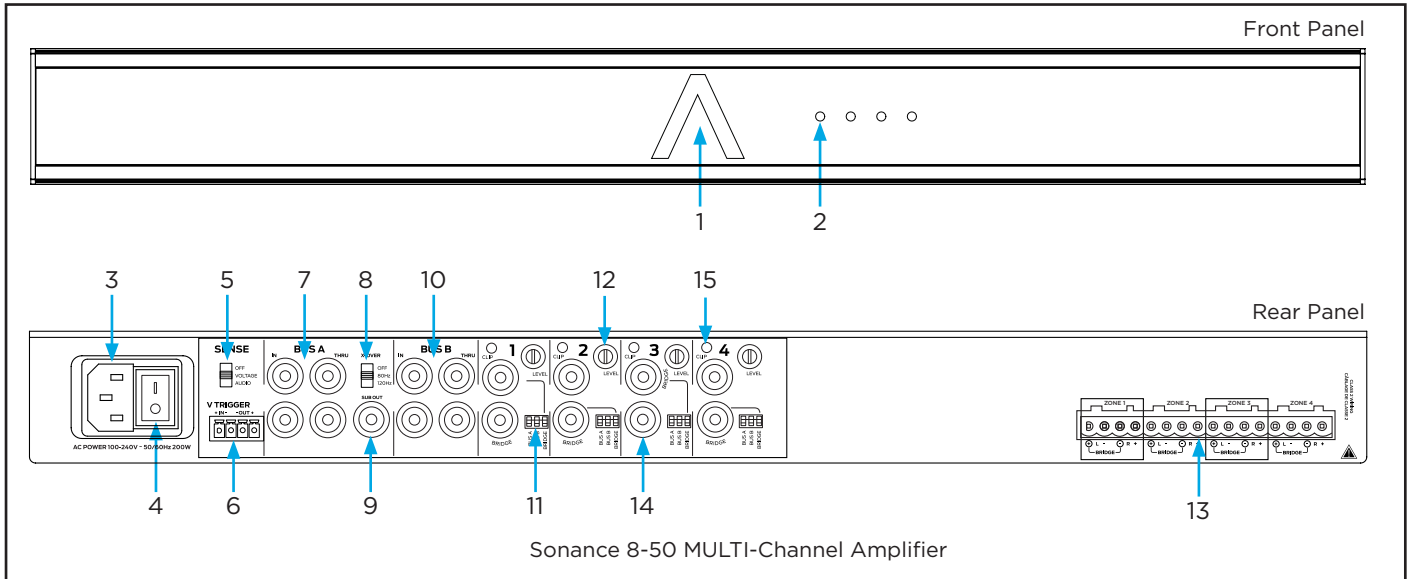
- White: Amp has power and is in Standby mode
- Blue: Amp has power and is Active
- Red: Amp is in protect mode. Power cycle amplifier to reset, check all connections

### 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



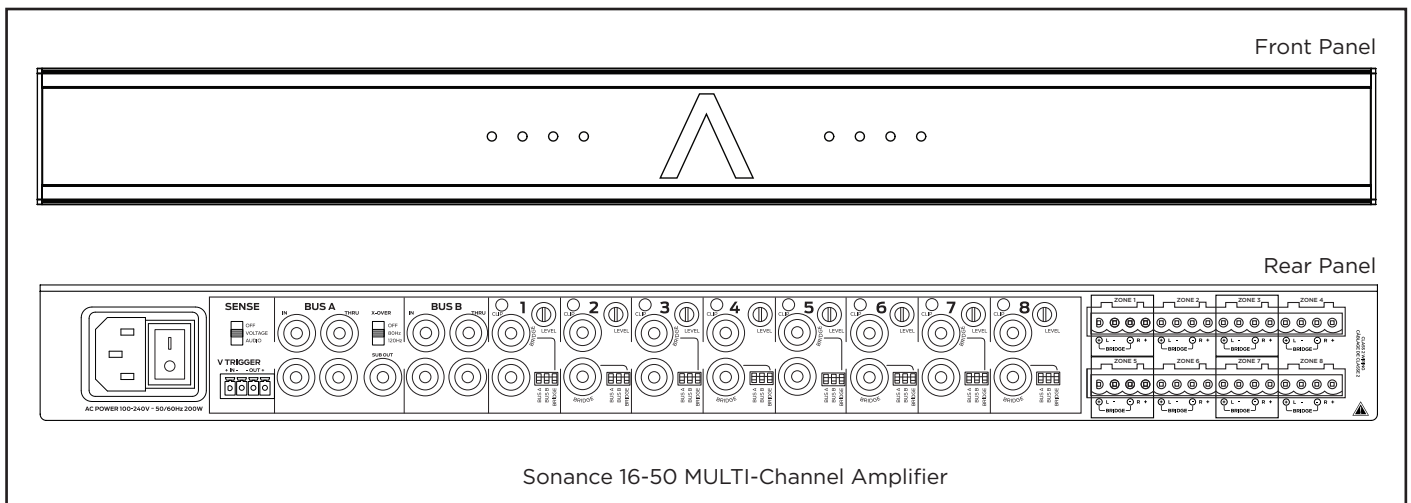
## FRONT PANEL

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



Scan QR code for additional information.  
For technical support call 949.492.7777  
or visit [www.sonance.com](http://www.sonance.com)

©2022 Sonance. All rights reserved. Sonance is a registered trademark of Dana Innovations. Due to continuous product improvement, all features and specifications are subject to change without notice. For the latest Sonance product specification information visit our website: [www.sonance.com](http://www.sonance.com)

SONANCE • 991 Calle Amanecer • San Clemente, CA 92673 • (949) 492-7777  
07.22.2022