Automatic Source Switching Power Amplifiers

- Fully Discrete Internal Components – 2 Ohm Stable
- Dual Line Level Inputs with Priority Override
- Speaker Level Input/output for additional connectivity options
- Independent Volume and Balance Front Panel Controls
- Rear Panel Master Level governs front volume and balance
- Switch On, Auto-On (Signal Sensing) or 12 Volt Trigger
- Rear Panel Stereo Bridge Switch
- A/B Speaker Selector
The AMP200, the Workhorse

- LED Status Indicator
  - Blue: On – Red: Standby
- Vue Meters
  - Left and Right
- Power Switch
- A + B Speaker Buttons
- Balance Control
- Volume Attenuator

Master Volume Control located on back panel governs front panel Attenuator
High Current Power Amplifiers

2 - Ohm Stable, High Internal Capacitance, Discrete Components, Toroid Transformer, Triple Darlington Audio Circuitry and Ample Heat-sink
Maximum Flexibility...

- Use as Second Zone out from AVR
- Interface with whole house audio system adding a second source while connecting to existing in-wall wiring in a specific room

3 to 15 Second delay for Line 2 to come on, No delay for line 1 (it takes instant priority)
Application: Multi-Zone A/V Receiver, Second Zone output

Many new audio/video receivers are dual-zone, meaning that they let you switch input sources between two independent sets of outputs: The secondary output—zone "B"—can play a totally separate source than zone "A."

This type of receiver is ideal for powering a two-room audio system. Zone "A," of course, is your main home theater room. The zone "B" outputs are fed to your auxiliary listening room, which lets you watch movies in one room while you listen to CDs in the other, for example.

Most entry level receivers don't power the zone "B" outputs. You have a set of right/left (R/L) line outputs, which you then have to feed into a separate amplifier or receiver for the second room.

Separate listening sources: You can listen to one source in your main room and a separate source in the auxiliary room.

Separate controls: You can usually control the second room audio from a supplementary RF remote control

OSD Automatic Source Switching Amplifiers: Ideal for connecting to second zone, provides additional input for local source.
Application: Multi-Zone A/V Receiver, Second Zone output...

*(Adding Dual Zones & Optional Source)*

- Computer or iPod dock
- Optional Local Source Input/Line 1 input
- Zone 2 Output/Line 2 Input
- Stereo Audio Interconnect
- (2) AP550TT
- 4 Conductor CL3 Wire
- Additional Zone/Speaker A
  (2) Dual Voice Coil Speakers run Parallel (4 ohm)
- 3.5mm RCA to Stereo RCA
- Stereo Audio Interconnect
- 2 Conductor CL3 Wire
- PS-10
- Powered Subwoofer/Line 2 Output
- MK840
- Zone 2/Speaker B

AMP200

**OSD Audio**
Whole-house Audio Zone, 4 conductor (left & right channels combined) comes from main system connecting to Volume Control. Then split into (2) two conductor cables (separate left & right channel) each wired to single in-wall speaker. Goal is to interface the AMP200 into this zone thus adding more power and also a local source to be played through the in-wall speakers. You also have the option of using the volume control or bypassing it totally.
Application: Whole-house Audio Interface,
Adding Subwoofer and local Source using high (Speaker) level input

Source #1
Whole House Audio system, connection from

Whole House direct to Audio Plate
Source #2
Whole House Audio

Speaker A connected to in-wall speakers
Speaker B connected to external Sub

AMP200
2 Conductor
In-wall CL3 Wire

IW680
4 Conductor
In-wall CL3 Wire,
connection from
Whole House Audio system

Volume Control

Note: Source #1 (the computer) takes priority and as long as it is active it is the primary source. Once turned off Source #2 becomes active after a delay (variable between 3 and 15 seconds).

Source #1, from Computer

Source #2

3.5mm RCA to Stereo RCA

PS-10
Powered Subwoofer, connected to Speaker B

3.5mm RCA

SVC-300

Out-In

3.5mm RCA

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Line 2

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The Key to the OSD High Current Amplifiers featuring Automatic Source Switching is they provide maximum flexibility to handle a number of different applications. These amplifiers are rated to handle 2 ohm loads. There is a reason they have heavy duty power supplies, discrete components and over sized internal heat-sinks. Creating both 4 and 2 ohm loads increases the output of the Amplifier but also generates a dramatic amount of heat as well.

How can you tell an amplifier is truly High Current? 1) Check the Specifications, with both a Heavy Duty Power Supply and Internal Heat- sink, typical High Current amplifiers will weight almost three times more than a standard Amplifier. 2) There will also be a 2 ohm specification listed as well.
A couple examples why you might need or want a High Current Amplifier built to operate a 2 ohm load. One example is pictured to the right...

Connecting up to Three pairs of 8 ohm speakers off a single speaker output wired in parallel. The final load the amplifier will see is 2.6 ohm.

The Second example involves a speaker that is considered a very demanding speaker that operates at 4 ohm or below on a consistent basis. You need an Amplifier that will provide enough current so this speaker design can operate to its full potential. An Electrostatic speaker is an example of this type.
High Current Power Amplifiers

2 - Ohm Stable, High Internal Capacitance, Discrete Components, Toroid Transformer, Triple Darlington Audio Circuitry and Ample Heat-sink

AMP300 Dual Source 300 W High Current Amplifier
- 150W per Channel into 8 Ohm load with less than 0.2% THD
- 235W per Channel into 4 Ohms load with less than 0.2% THD
- 350W per Channel into 2 Ohm load with less than 0.2% THD
- 470 Bridged mono into 8 Ohms load with less than 0.2%THD
- Dual Source both Signal and speaker level inputs
- Three turn on options (switched, 12v and auto sensing)
- Master right and left gain control

**Net Weight: 35 lbs.**

AMP200 Dual Source 160 W High Current Amplifier
- 80W per Channel into 8 Ohm load with less than 0.2% THD
- 125W per Channel into 4 Ohms load with less than 0.2% THD
- 200W per Channel into 2 Ohm load with less than 0.2% THD
- 470 Bridged mono into 8 Ohms load with less than 0.2%THD
- Dual Source both Signal and speaker level inputs
- Three turn on options (switched, 12v and auto sensing)
- Master right and left gain control

**Net Weight: 24.3 lbs.**

MSRP: $449.99

MSRP: $349.99