



A100

CLASS D 100W SUBWOOFER AMPLIFIER



The A100 is a Class D 100 Watts amplifier that's got all the muscle you need to drive even the most demanding subwoofers to house thumping levels, and run cool under almost any load.

The A100 features a stereo/mono line level audio input that can receive full band line level audio from an audio amplifier, receiver, preamp or LFE output on just about any appropriately featured device.

The adjustable crossover allows fine-tuning the A100 low frequency input setting to properly complement any full-range speakers or room conditions.

In addition the A100 features a phase adjustment that provides sub performance optimization given the sub's placement relative to the main speakers.

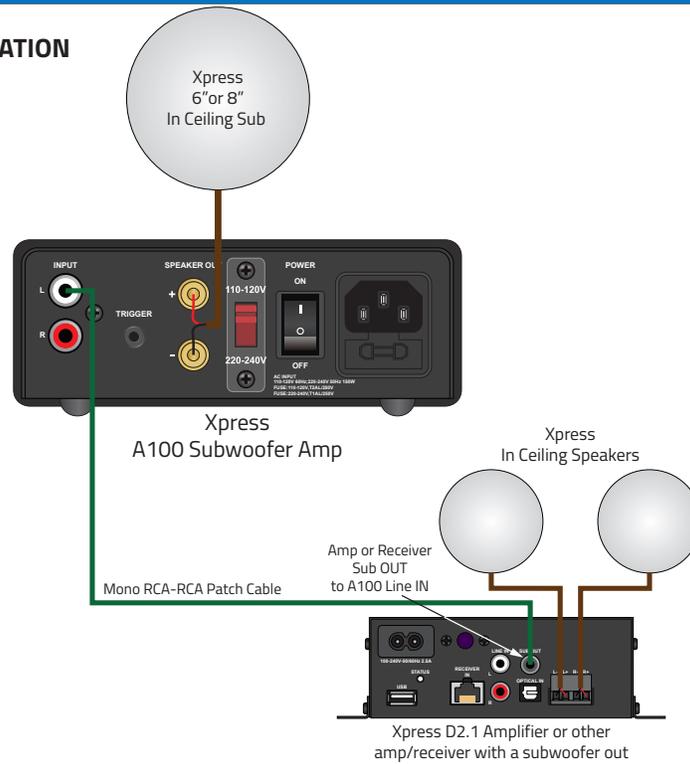
Finally, if you just need more thump, there is a Boost switch that will provide a 6dB boost at 40Hz...just in case you want some extra kick.

The A100 is auto-sensing so anytime an audio signal hits the A100 inputs, the amp will instantly turn ON. The amp will turn itself OFF after 15 minutes when no audio signal is present. There is also a 12VDC Trigger input that will turn the A100 ON when 12-24VDC is applied and turn the amp OFF when the voltage is removed.

The A100 is the perfect match for many applications but makes a particularly great running mate with the Xpress D2.1 Stereo amp with subwoofer out, (see the Typical A100 Application illustration).

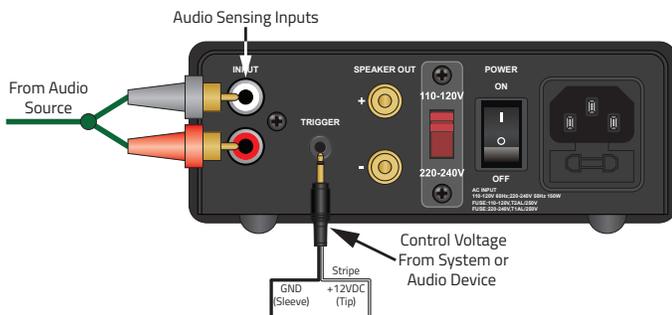
D2.1 Digital 2.1 Channel Amplifier Features & Specifications

TYPICAL A100 APPLICATION



Typical System application for the A100 subwoofer amplifier. The amp will auto-sense an audio signal from an amp or AVR and turn ON automatically. Adjustable crossover, phase, level and 40Hz boost allow fine tuning to other speakers and room environment.

AUTOMATIC POWER MANAGEMENT



The A100 is auto-sensing so anytime an audio signal hits the A100 inputs, the amp will instantly turn ON. The amp will turn itself OFF after 15 minutes when no audio signal is present. The 12VDC Trigger input will turn the A100 ON when 12-24VDC is applied and turn the amp OFF when the voltage is removed.

CROSSOVER, PHASE & BOOST



The adjustable crossover allows fine-tuning the A100 low frequency input setting to properly complement any full-range speakers or room conditions. In addition the A100 features a phase adjustment that provides sub performance optimization given the sub's placement relative to the main speakers. Finally, if you just need more thump, there is a Boost switch that will provide a 6dB boost at 40Hz...just in case you want some extra kick.

FEATURES

- Compact Size...Fits Almost Anywhere
- Cool, Efficient Digital Design
- Stereo Or Mono Audio Line Level Input (RCA)
- Adjustable Subwoofer Crossover Frequency
- Adjustable Phase Settings
- 40Hz 6dB Boost Switch
- Audio Sensing
- 12/24VDC On/Off Trigger Input
- 110/220V Switchable

SPECIFICATIONS

- Maximum Output Power per Channel.....70W@8Ω/100W@4Ω
- THD 1%
- Frequency Response 40Hz-160Hz +/- 3dB
- Signal to Noise.....95dB
- Input Sensitivity.....200mV
- Crossover40Hz-160Hz
- Phase.....0-180°
- Line Voltage Range 100~240 VAC
- Standby Power1.8W
- Dimensions.....5.5"W x 2"H x 7.5" D (140 W x 52 H x 189 D mm)
- Weight.....3.3lbs (1.5kg)