

User Guide

A8.350



STARKE
S O U N D

Safety instructions

- 1) Read, follow and keep these instructions
- 2) Do not remove the cover as repairs require qualified technicians
- 3) Do not use the product near water
- 4) Do not install near any heat sources such as radiators, heat registers, stoves or amplifiers
- 5) Clean the product only with a damp cloth
- 6) Use care when lifting or moving this heavy product
- 7) Protect the power cord from being walked on or pinched
- 8) Unplug during lightning storms or when unused for long periods of time
- 9) Ensure that no objects filled with liquids, such as vases, are placed on the product

Limited warranty

3 years from purchase date

(Save original invoice for service to be arranged through your dealer, or contact us directly if you purchased your amplifier online.)



Set-up instructions



Input connections

Connect up to 8 input channels using either unbalanced (RCA) or balanced (XLR) cables. Channels are labeled 1A, 2A, 3A, 4A and 1B, 2B, 3B, 4B. A and B channels have separate power supplies. So, if you are connecting less than 8 channels, distribute them among A's and B's to take advantage of both power supplies. For example, with 4 channels, use 1A, 1B, 2A and 2B. Set the four toggle switches to UNBAL (unbalanced) or BAL (balanced) as appropriate. You can connect different source components, such as streamers and preamps, to both balanced and unbalanced inputs of a channel and switch between them using the toggles.



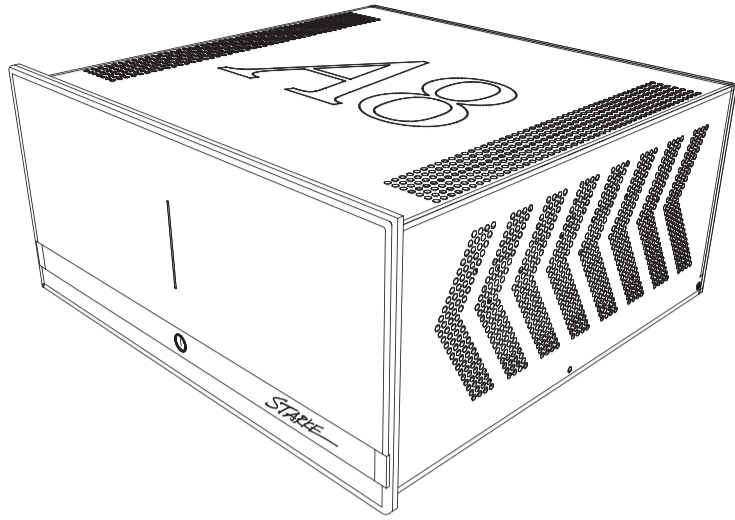
Output connections, trigger, and power

Connect up to 8 speakers using the corresponding output binding posts. Speaker wires can be terminated with “banana plugs” which are inserted, or stripped insulation (unscrew binding post cap, insert wire into hole on threaded shaft and tighten cap). Observe correct polarity (“+” red and “-” black).

The amplifier can be turned-on automatically by, for example, your preamp/processor by connecting a 12-volt trigger wire to TRIGGER IN (top right). You can use TRIGGER OUT to connect a “downstream” component such as another amplifier to also be turned-on automatically. Connect the power cord to AC INPUT (bottom right) and plug the other end into a 120-volt wall socket. (Customers in countries with 230-volt mains supplies need to order the 230-volt version of this amplifier, and provide their own power cord.) Right beneath the AC INPUT is a fuse receptacle. If it blows, replace this fuse *only* with one of the same rating. Set the rocker switch to ON to power-on the amplifier.

Operation

Vertical light on the front panel should be green. If it turns yellow, power-off, wait, then restart.



Starke Sound™

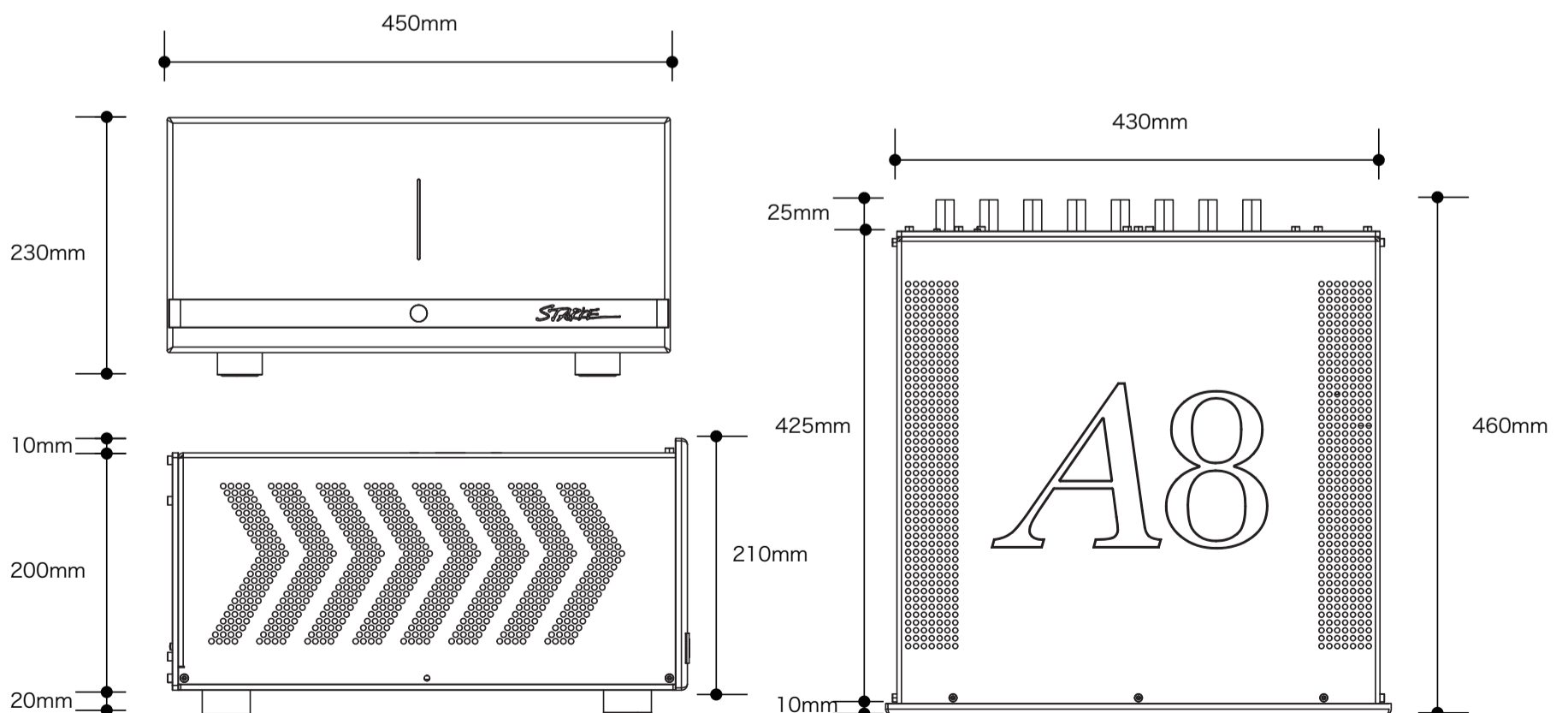
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A7 Sound Quality for 8 Channels

The A8 uses the same circuit core as the acclaimed A7 Mark II, honoring the key traditions of great sound in Starke's power amplifiers: the most linear amplified state (Class A) and a fully-balanced circuit. Its 8-channel design perfectly meets client needs in the era of immersive sound. Special A + AB smooth switching technology brings the sweet, refined reproduction of Class A to the theater. Its huge dynamic range delivers uncompressed sound in big scenes while balanced input and output assure vanishingly-low distortion.

Key Features

- Linear amplification (Class A) and fully balanced amplification circuits.
- 8 channels, 350 watts per channel
- Unique A + AB seamless switching technology
- Fully balanced input and output



Technical Specifications

Output Power	350W RMS x 8 at 4Ω 200W RMS x 8 at 8Ω
ClassA power	30W at 2Ω, 4Ω, 8Ω, per channel
Gain	26dB
Channel quantity	8 channels
Amplifier type	Class A+AB
Frequency Response	1Hz-100KHz +/-0.1 dB
Maximum output current per channel	41A
Signal-To-Noise Ratio (SNR)	113dB, "A" weighted
THD	<0.045% at 1 kHz, at 350 W, 4 Ω (8-channel output) <0.15% at 20 kHz, at 350 W, 4 Ω (8-channel output)
Input terminals	8 single-ended via beryllium copper RCA connector, gold plated. 8 balanced via Neutrik XLR locking connector, gold plated
Input Impedance (RCA)	100KΩ
Input Impedance (XLR)	200KΩ
Input Sensitivity	2.4V
Output terminals	8 pairs of beryllium copper binding post, custom made by Starke Sound
Output Impedance	0.12Ω (5 Hz to 100 kHz)
Minimum load impedance	0.12Ω
True balance circuit	Yes
Heat	1380 BTU / hr
Fan noise	≤25dB
Power consumption	Standby 3.5W at 115v /5W at 230v Idle 175W Maximum 2560W
Control option	12V trigger input & output
Cabinet	Aluminum and steel
Color options	Black
Full size	W 17.7 x H 9 x D 18.1 inches (w/ foot & faceplate) W 450 x H 230 x D 460 mm (w/ foot & faceplate)
Weight	74.9 lbs (34kg)
Shipping size	L 25.3 x W 25.3 x H 14.7 inches L 644 x W 644 x H 375 mm
Shipping weight	82.6 lbs (37.5kg)
Warranty	3 years (from original purchase date)