

User Guide

A8.320



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, heaters, 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

2 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.



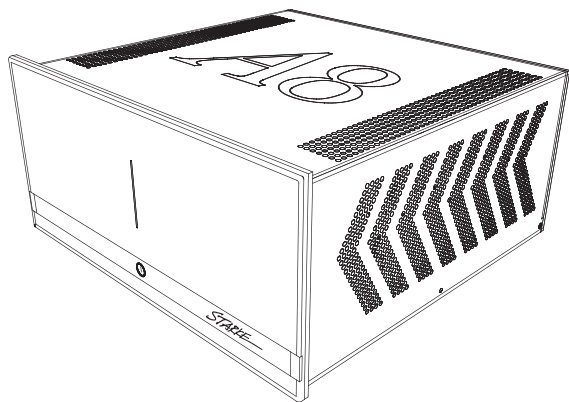
Output connections, trigger, and power

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™

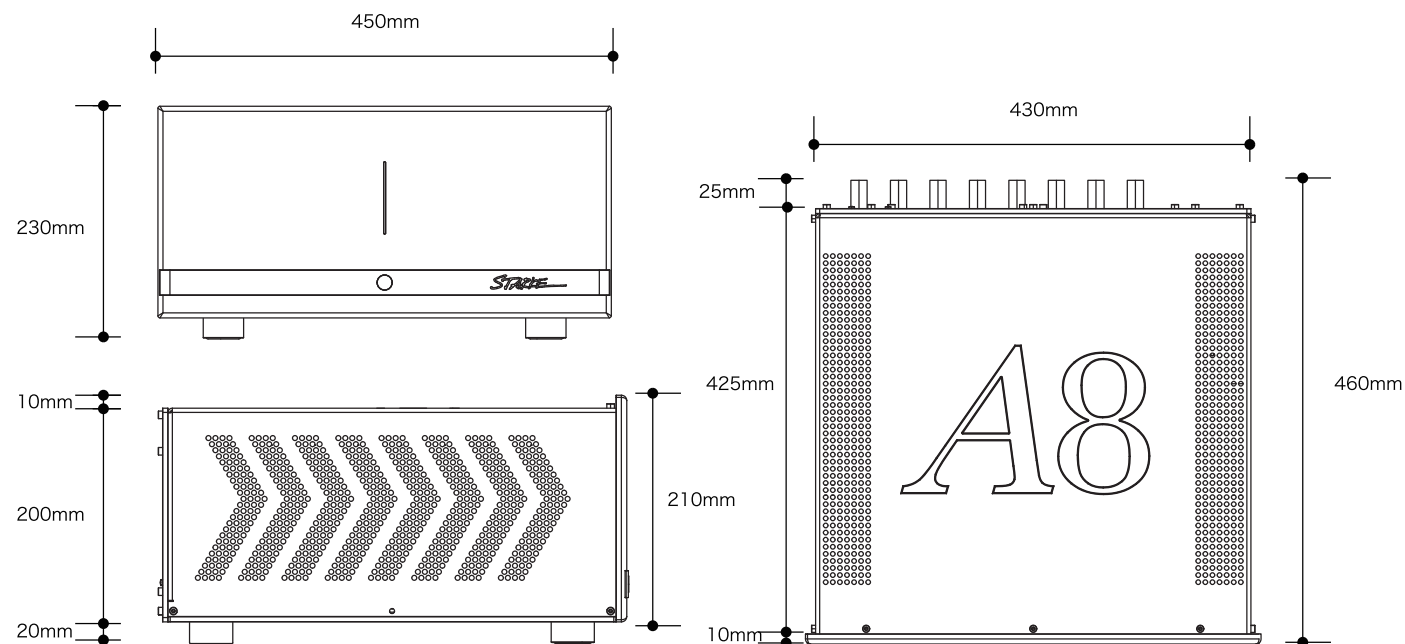
A8S.320

Pure, silent, powerful

Customers asked for our unique Class A+AB amplifier technology without fans. We're listening. A8S.320 silently delivers more than 300 watts to each of eight channels at 4 ohms for immersive audiophile sound quality. Gold-plated balanced and unbalanced connectors and beryllium-copper binding posts to preserve the purest sonic details. Use this component to gain entry to home theater heaven.

Key Features

- Linear amplification (Class A) and fully balanced amplification circuits
- 8 channels, 320 watts per channel
- Unique A + AB seamless switching technology
- Fully balanced input and output
- Fanless design



Technical Specifications

Output Power	320W 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	5Hz-50KHz (10Hz-20KHz +/-0.1 dB)
Maximum output current per channel	41A
Signal-To-Noise Ratio (SNR)	113dB, "A" weighted
THD	<0.05% at 1 kHz, at 100 W, 4 Ω (8-channel output) <0.15% at 20 kHz, at 100 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
Power consumption	Standby 3.5W at 115v /5W at 230v Idle 175W Maximum 1600W
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	67.2 lbs(30.5kg) / each
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	75 lbs(34kg) / each
Warranty	2 years (from original purchase date)