

RS Stream Star Stabilizer

Features

- Input B+ / GND / REM with 4 fuses in parallel (4x40A).
- Voltage stabilization up to 15.5V with 150A (300A peak).
- Forced ventilation cooling system.
- 8 X GND outputs.
- 8 X B+ outputs, each protected with 2 parallel fuses.
- 8 X REM OUT for amps.
- 3 X aux B + / GND / REM OUT outputs for users.
- Amplifiers REM delay up to 10 seconds.
- Auxiliary REM delay up to 10 seconds.
- Protection with fuse for the whole REM OUT section.
- 2 inputs for thermal probes.
- 2 fan outputs with adjustable temperature set.
- Diagnostic system and LEDs for the status of the fuses.
- Automatic shutdown system for battery undervoltage.
- Management of all functions via microcontroller.
- Remote display (INSPECTOR) for monitoring the functions.

Output voltage	16,5 Volt (max)
Output current (musical program)	150 Amp.
Output current max (impulse <1500ms)	300 Amp.
No load consumption	Up to 1,5 A
Overall efficiency	>75%
Max input voltage	10 - 17 Volt
External display for monitoring:	Voltage IN
	Voltage OUT
	Powerblock temperature
	Fan temperature
	Fan ON/OFF
	Remote delay settings
	Temperature selection (°C/Fahrenheit)
Over temperature protection	85° (+/- 5%)
Dimensions	Lung.=470mm – Larg.=230mm – Alt.=56mm
Weight	5,750 Kg
Working ambient temperature	0 - 60°

Specification

Number of channels	8
Product topology	Voltage stabilizer Power distribution Fan managment User managment
Voltage output	Up to 15.5V 16.5V on request
Manageable musical power	> 2000 W (150A)
Maximum musical power (instant.)	> 3500 W (260A)
GND outs	8
B+ outs	8
Amplifiers Remote outs	8
Auxiliary supply	3 X (B+/GND/REM)
Visual indicator	Display + LEDs
Thermal protection	85° (+/- 5%)
FUSE (internal)	4 x 40A
Voltage operation	Limits = 9 to 16 Volt DC Normal = 11 to 14,5 Volt DC
Cooling	Convection+forced air
Number of external temperature sensors (provided)	2 (2m long)
Number of external fan manageable (not provided)	2
Temperature range for turn on fan	40°C to 80°C
Delay turn on amplifiers	0 to 10 sec
Delay turn on auxiliary	0 to 10 sec.
Undervoltage management	Yes

RS Stream Star 4 channel

Features

- Full cascode technology with double differential in input
- Triple balanced darlington technology output stage
- Stabilized power supply
- PCB 105um
- All Nichicon / Panasonic 105 ° low esr capacitors
- KENDEIL capacitors on power supply
- Nichicon MUSE capacitors on the signal

Number of channels	4
Circuit topology (class)	A/B
Supply topology	Stabilized (11-16V)
Power @ 4 Ohm	150 Wrms x 4
Power @ 2 Ohm	280 Wrms x 4
Power @ 4 Ohm (Bridge)	560 Wrms x 4
Input sensitivity	500mV 8V
S/N ratio	>100dB (A/W 10Hz-44KHz)
THD+N @ 1KHz	<0,003% @ 1W
Damping factor	>250 @ 4 Ohm
Efficiency	>60% (global)
Frequency response @ 10 Watt	5Hz—120KHz (-3dB)
Input impedanceldle current	>18 KOhm @ 1KHz
Idle current	1,6 A max
Standby current	< 1 mA
Visual indicator	LEDs
Thermal protection	85° (+/- 5%)
DC protection	Yes
Short circuit protection	Yes
FUSE (internal)	2x40A
Voltage operation	Limits = 9 to 16 Volt DC Normal = 11 to 14.5 Volt DC
Current draw @ 4 Ohm	60A (max sinusoidal) 25A (musical average)
Cooling	Convection Forced air over 75°C
Dimensions (LxWxH)	470mm x 230mm x 54mm
Weight	6 Kg

RS Stream Star 2 channel

Features

- Full cascode technology with double differential in input
- Triple balanced darlington technology output stage
- Stabilized power supply
- PCB 105um
- All Nichicon / Panasonic 105 ° low esr capacitors
- KENDEIL capacitors on power supply
- Nichicon MUSE capacitors on the signal

Number of channels	2
Circuit topology (class)	A/B
Supply topology	Stabilized (11-16V)
Power @ 4 Ohm	240 Wrms x 4
Power @ 2 Ohm	400 Wrms x 4
Power @ 4 Ohm (Bridge)	800 Wrms x 4
Input sensitivity	500mV 8V
S/N ratio	>100dB (A/W 10Hz-44KHz)
THD+N @ 1KHz	<0,003% @ 1W
Damping factor	>350 @ 4 Ohm
Efficiency	>60% (global)
Frequency response @ 10 Watt	5Hz—120KHz (-3dB)
Input impedanceldle current	>18 KOhm @ 1KHz
Idle current	1,3 A max
Standby current	< 1 mA
Visual indicator	LEDs
Thermal protection	85° (+/- 5%)
DC protection	Yes
Short circuit protection	Yes
FUSE (internal)	2x40A
Voltage operation	Limits = 9 to 16 Volt DC Normal = 11 to 14.5 Volt DC
Current draw @ 4 Ohm	60A (max sinusoidal) 25A (musical average)
Cooling	Convection Forced air over 75°C
Dimensions (LxWxH)	470mm x 230mm x 54mm
Weight	5.9 Kg