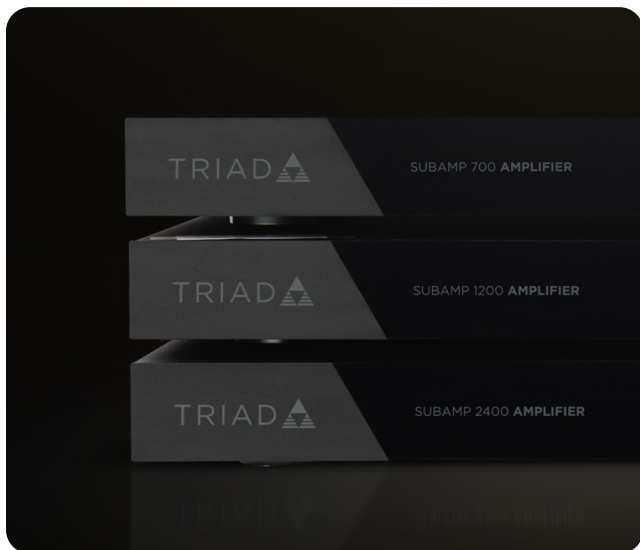
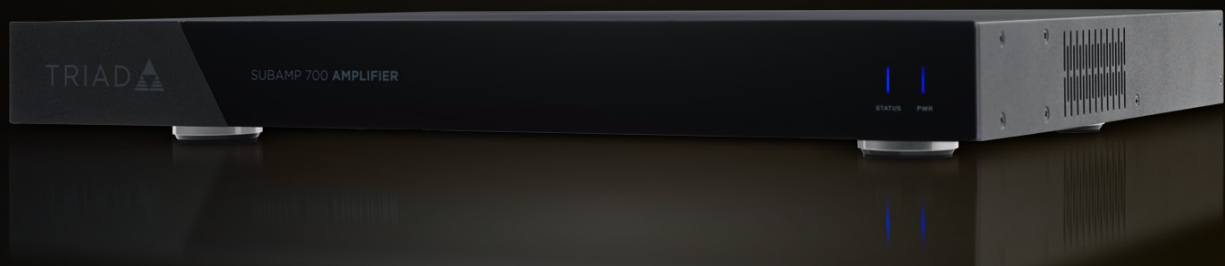


TRIAD[®] Rackmount Subwoofer Amplifiers

TS-SUBAMP700, TS-SUBAMP1200, TS-SUBAMP2400



Rack Mount Subwoofer Amplifiers

These digital subwoofer amplifiers deliver 700–2400W (depending on model) of clean power, capable of delivering full power for more than a minute for the most demanding music and movie content. With various power options, these RackAmps are the perfect companion for all Triad and compatible third-party subwoofers. These single-channel amplifiers also feature a powerful DSP and a multitude of input and output connections, all wrapped in a 1U chassis for maximum power in minimal space.



Delivers Full Power for More Than a Minute

Unlike other amplifiers on the market, this amp is built from the ground up to deliver the performance requirements of the most demanding music and movie content. It is capable of delivering full power for more than a minute, so every note is as powerful as the last.

Powerful DSP Controls

Built-in cutting-edge DSP control allows you to fine-tune and perfect the sound in any given room. Triad Subwoofer RackAmps have all the necessary tools to deliver an incredible audio experience with Parametric EQ controls, X-Over, Phase and Delay controls, Power settings, and Speaker EQ presets for Triad Subwoofers.

General	TS-SUBAMP700	TS-SUBAMP1200	TS-SUBAMP2400
Dimensions: w/o Rack Ears and Feet	14-5/16" x 17-1/2" x 1-3/4"	14-5/16" x 17-1/2" x 1-3/4"	14-5/16" x 17-1/2" x 1-3/4"
Dimensions: w/ Rack Ears and Feet	14-5/16" x 19" x 2-1/8"	14-5/16" x 19" x 2-1/8"	14-5/16" x 19" x 2-1/8"
Audio Outputs	XLR, RCA	XLR, RCA	XLR, RCA
Ethernet	10/100 Mbps RJ45	10/100 Mbps RJ45	10/100 Mbps RJ45
Front Panel LED	Status LED (multicolor RGB) Power LED (blue)	Status LED (multicolor RGB) Power LED (blue)	Status LED (multicolor RGB) Power LED (blue)
Bluetooth (Control Only)	Bluetooth 5.0	Bluetooth 5.0	Bluetooth 5.0
12V Trigger In/Out	3.5mm Mono Jack In/Out	3.5mm Mono Jack In/Out	3.5mm Mono Jack In/Out
IEC AC Inlet	C14	C14	C20
Power Amplifier	TS-SUBAMP700	TS-SUBAMP1200	TS-SUBAMP2400
Rated Power @ 1%THD / 100Hz	700W @ 3Ohms 524W @ 4Ohms	1200W @ 3Ohms 900W @ 4Ohms	1200W x 2 @ 3Ohms (20A Mode) 700W x 2 @ 3Ohms (15A Mode) 900W x 2 @ 4Ohms (20A Mode) 524W x 2 @ 4Ohms (15A Mode)
Minimum Impedance	3Ohms	3Ohms	3Ohms
Output Voltage	45.8Vrms	60Vrms	60Vrms x 2 (20A Mode) 45.8Vrms x 2 (15A Mode)
Full Power @ 3Ohms	1min	1min	1min
Frequency Response	10Hz-20Hz (+/-1.5dB) 20Hz-400Hz (+/-1dB)	10Hz-20Hz (+/-1.5dB) 20Hz-400Hz (+/-1dB)	10Hz-20Hz (+/-1.5dB) 20Hz-400Hz (+/-1dB)
SNR (A-Weighted)	> 97dB @ 100Hz	> 101dB @ 100Hz	> 101dB @ 100Hz
THD +N	20 - 400 Hz <0.05% @ 1/3 Power 10 - 20 Hz < 0.5% @ 1/3 Power 10 - 400 Hz < 1% @ Max Power	20 - 400 Hz <0.05% @ 1/3 Power 10 - 20 Hz < 0.5% @ 1/3 Power 10 - 400 Hz < 1% @ Max Power	20 - 400 Hz <0.05% @ 1/3 Power 10 - 20 Hz < 0.5% @ 1/3 Power 10 - 400 Hz < 1% @ Max Power
DNR (AES17)	> 97dB @ 100Hz	> 101dB @ 100Hz	> 101dB @ 100Hz
IMD (SMPTE)	<-65dB @ 10W	<-50dB @ 10W	<-50dB @ 10W
Output Short	Yes, Auto Recovery in 8 seconds (LED indication)	Yes, Auto Recovery in 8 seconds (LED indication)	Yes, Auto Recovery in 8 seconds (LED indication)
Amplifier Type	Class-D	Class-D	Class-D
Preamp Output	TS-SUBAMP700	TS-SUBAMP1200	TS-SUBAMP2400
Frequency Reponse	10Hz-20kHz +/-1dB	10Hz-20kHz +/-1dB	10Hz-20kHz +/-1dB
SNR (A-Weighted)	> 94dB @ 100Hz	> 94dB @ 100Hz	> 94dB @ 100Hz
DNR (AES17)	> 94dB @ 100Hz	> 94dB @ 100Hz	> 94dB @ 100Hz
IMD (SMPTE)	<-65dB @ 0.5Vrms	<-65dB @ 0.5Vrms	<-65dB @ 0.5Vrms
Audio	TS-SUBAMP700	TS-SUBAMP1200	TS-SUBAMP2400
Input Sensitivity Unbalanced RCA	-10dBV (LOW), -4dBV (HIGH)	-10dBV (LOW), -4dBV (HIGH)	-10dBV (LOW), -4dBV (HIGH)
Input Sensitivity Balanced XLR	0dBV (LOW), +6dBV (HIGH)	0dBV (LOW), +6dBV (HIGH)	0dBV (LOW), +6dBV (HIGH)

Thermal	TS-SUBAMP700	TS-SUBAMP1200	TS-SUBAMP2400
Operating Temperature	32 - 102F, 0-40C	32 - 102F, 0-40C	32 - 102F, 0-40C
Humidity	5% - 95% Non-Condensing	5% - 95% Non-Condensing	5% - 95% Non-Condensing
Storage	-4 -158F, -20C - 70C	-4 -158F, -20C - 70C	-4 -158F, -20C - 70C
Heat Output (BTU/Hr) - Standby	2W / 7 BTU/Hr	2W / 7 BTU/Hr	2W / 7 BTU/Hr
Heat Output (BTU/Hr) - Idle	20W / 68 BTU/Hr	20W / 68 BTU/Hr	38W / 129 BTU/Hr
Heat Output (BTU/Hr) - 1/8th Power/Channel	33W / 113 BTU/Hr	48W / 164 BTU/Hr	85W / 290 BTU/Hr
Heat Output (BTU/Hr) - 1/3rd Power/Channel	67W / 229 BTU/Hr	97W / 331 BTU/Hr	196W / 668 BTU/Hr
Cooling Method	Forced Air (Fan)	Forced Air (Fan)	Forced Air (Fan)
AC Power	TS-SUBAMP700	TS-SUBAMP1200	TS-SUBAMP2400
Rated	900W	1500W	3000W
Standby	2W	2W	2W
Idle	20W	20W	38W
Fuse	6.3A (250V)	10A (250V)	20A (250V)