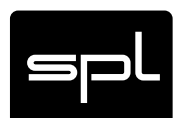




# Professional Fidelity





# Professional Fidelity

For more than 30 years SPL is developing professional audio devices. Recording studios around the world rely on this outstanding sound quality. Mastering Studios in particular place the highest demands on audio performance as they put the finishing touches on music productions – with SPL's proprietary 120V DC technology.

In our Professional Fidelity series this unsurpassed technology is called VOLT*Ai*R technology. It lets you experience music on the level of the mastering engineer. We call that “Mastering Grade Listening”.



If you ask us how we describe our sound, this would be the answer:

- › Effortless and relaxed
- › Very precise, but not edgy
- › Huge sense of spatiality and origin specificity
- › Seemingly unlimited dynamic range with the ability to bring micro-dynamics and softest dynamic contrasts to full life against a jet black background
- › Uber musical

We wish you a good read and new insights during discovering our Pro-Fi series.

# Electro

## Analog Preamplifier



The Electro is based on the Director Mk2 and designed as a pure analog preamplifier.

It features a total of six analog inputs. Three of which are balanced with XLR connectors. The Electro is equipped with the big remote controllable aluminum volume control with marker LED and two mechanical VU meters.

External audio processors or analog tape machines can be inserted in the Tape Monitor loop.



*Professional Fidelity*  
Pro-Fi Series





- Six analog inputs (3 x bal. XLR and 3 x RCA)
- Balanced and unbalanced (direct) outputs
- Analog volume control with motorized ALPS “Big Blue” potentiometer
- Remote controllable volume
- AMP CTL – 12V trigger
- Frequency range: 10Hz to 200 kHz
- THD: 0,00992 %
- Dynamic range: 135 dB



# Director Mk2

## DA Converter and Preamplifier



The Director Mk2 is the derivative of our reference preamplifier Director: The all new high voltage digital to analog converter now supports 32 bit and sample rates up to 768kHz as well as DSD4.

Fans of analog tape machines or external audio processing can insert their beloved gear in the Tape Monitor loop and in addition to the four digital inputs the Director Mk2 now features six analog inputs. Two of which are balanced with XLR connectors.



*Professional Fidelity*  
Pro-Fi Series



- Four digital inputs: USB, AES/EBU, coaxial, optical
- Six analog inputs (4 x RCA and 2 x bal. XLR)
- PCM with 32 Bit and up to 768 kHz
- DSD up to DSD4 (Quad Rate DSD, DSD256)
- Analog volume control with motorized ALPS “Big Blue” potentiometer
- Remote controllable volume and source selection
- AMP CTL – 12V trigger
- Frequency range (analog): 4 Hz to 300 kHz
- THD: 0,0008 % (analog), 0,0004 % (digital)
- Dynamic range: 137,6 dB (analog), 120,8 dB (digital)
- Windows® driver, Apple class compliant



# Phonos

## RIAA Phono Preamplifier



Phonos is a phono preamplifier designed for record players using either moving magnet (MM) or moving coil (MC) cartridges. The equalization curve is according to RIAA and suitable for all vinyl records since 1954. The RIAA equalizer is as designed by Douglas Self.

With up to 71.5 dB of gain for MC cartridges and 50 dB of gain for MM cartridges Phonos belongs to the most powerful phono preamplifiers.



*Professional Fidelity*  
Pro-Fi Series





- RIAA equalization (after Douglas Self)
- Suitable for MM (Moving Magnet) and MC (Moving Coil) cartridges
- Max. preamplification gain: 50 dB (MM); 71.5 dB (MC)
- Capacitances for MM: Off, 150 pF, 220 pF and 330 pF
- Impedances for MC: 100, 220, 470; 2k2, 4k7 and 10 kohms
- Styroflex condensers used throughout the RIAA equalizer
- Switchable Gain: Normal, -10 dB, +4 dB
- Gold-plated RCA in- and outputs
- Audio ground connection for record player
- Switchable rumble filter (Subsonic)



# Headphone Amplifier

Phonitor se



Phonitor xe



Phonitor x



		Phonitor xe	Phonitor x	Phonitor se
Phonitor Matrix	Crossfeed Values	6	6	2
	Speaker Angles	4	4	1
Remote Control Support	Volume	●	●	○
Laterality Control	Super fine Balance	●	●	○
Stereo/Mono	Playback Modes	●	●	○
VU Meters	ø 36mm illumin. VUs	●	●	○
	0dBVU Calibration	0/6/12dB	0/10dB	○
Headphone Outputs	4-pin XLR (Balanced)	●	●	○
	1/4" Jack	●	●	●
	Front & Rear Outputs	●	○	○
	Additional Output Boost	+22dB	+12/+22dB	+12dB
Line Outputs	XLR (Balanced +4dBu)	○	●	○
	RCA (Unbal. -10dBV)	○	●	○
	Speaker Output Selector	○	●	○
Line Inputs	XLR (Bal. +4dBu)	●	●	○
	RCA (Unbal. -10dBV)	●	●	●
	RCA -10dBV to 0dBu Boost	●	○	○
DA converter (optional)	Model	DAC768	DAC768xs	DAC768xs
	DLP120	●	○	○
	Bit/max SR kHz	32/768	32/768	32/768
	DSD	256fs	256fs	256fs
	USB	●	●	●
	AES	●	○	○
	Coaxial	●	●	●
	Optical	●	●	●

# Phonitor x

## Headphone Amplifier and Preamplifier



The Phonitor x is the ultimate amplifier for headphones operated both balanced and standard as well as mastering-grade preamplifier that drives power amplifiers or active monitors.

The Phonitor Matrix delivers the most realistic playback on headphones. As almost all music was mixed for speaker playback the Phonitor Matrix lets you experience music on headphones as being played back through speakers.



*Professional Fidelity*  
Pro-Fi Series



- Balanced and unbalanced analog I/Os
- Phonitor Matrix
- Motorized ALPS “Big Blue” Volume potentiometer (IR remote controllable – learns any IR remote control)
- AMP CTL – 12V trigger
- Laterality control: super-fine balance control
- Mono switch function
- Output power (1 kHz, 1% THD, 250 Ω): 2 x 5 W
- Frequency response: 10 Hz - 300 kHz
- THD+N: 0.00091 % (HP), 0.00085 % (Line)
- Dynamic range: 135.5 dB (HP), 136.3 dB (Line)
- Optional 32Bit/768kHz DAC768xs (USB, coax, optical)
- DSD up to DSD4 (Quad Rate DSD, DSD256)
- Windows® driver, Apple Class compliant





# Phonitor xe

## Headphone Amplifier



The Phonitor xe is the ultimate standalone device for headphone enthusiasts who want the perfect solution without any compromises.

The Phonitor xe is the first Phonitor headphone amplifier which can be equipped with the brand-new DAC768. This optional internal Uber-DAC qualifies the Phonitor xe to convert with outstanding sonic performance. An audio resolution of 32 bits and PCM sample rates up to 768kHz as well as DSD – up to DSD4 – are the impressive numbers.



*Professional Fidelity*  
Pro-Fi Series



- Balanced and unbalanced analog I/Os
- Phonitor Matrix
- Additional headphone outputs on the rear side (balanced and unbalanced)
- Motorized ALPS “Big Blue” Volume potentiometer (IR remote controllable – learns any IR remote control)
- Laterality control: super-fine balance control
- Output power (1 kHz, 1% THD, 250 Ω): 2 x 5 W
- Frequency response: 10 Hz - 300 kHz
- THD+N: 0.00091 %
- Dynamic range: 135.5 dB
- Optional 32Bit/768kHz DAC768 (USB, coax, optical and AES/EBU) DSD up to DSD4 (Quad Rate DSD, DSD256)
- Windows® driver, Apple Class compliant



# Phonitor se

## Headphone Amplifier



The Phonitor se has the same audio signal amplification as its bigger brothers Phonitor x and Phonitor xe and therefore offers the same sound experience. The DAC768xs is optionally available.

The Phonitor Matrix is condensed into two presets representing their most common settings. As almost all music was mixed for speaker playback the Phonitor Matrix lets you experience music on headphones as being played back through speakers.



*Professional Fidelity*  
Pro-Fi Series



- For unbalanced headphones
- Unbalanced analog input (RCA)
- Two Phonitor Matrix presets for speaker-equivalent playback on headphones
- ALPS "Big Blue" Volume potentiometer
- Output power (1 kHz, 1% THD, 250 Ω): 2 x 5 W
- Frequency response: 10 Hz - 300 kHz
- THD+N: 0.00091 %
- Dynamic range: 135.5 dB
- Optional 32Bit/768kHz DAC768xs (USB, coax, optical)  
DSD up to DSD4 (Quad Rate DSD, DSD256)
- Windows® driver, Apple Class compliant



# Crossover

Active analog 2-way crossover



The SPL Crossover is an active analog 2-way crossover that gives you pristine control over crossover frequencies and phase response – purely user friendly and amazing sounding.

No AD/DA-conversion and no DSP processing – just fully analog.

Crossover frequencies and phase control are fully variable to perfectly match the phase response of the subwoofer(s) to the top/main speakers.



*Professional Fidelity*  
Pro-Fi Series





- Balanced and unbalanced analog inputs and outputs
- Low and Mid-Hi frequencies individually adjustable
- Fully variable phase control to perfectly match the phase response of the subwoofer(s) to the top/main speakers
- AMP CTL – 12V trigger
- Mono switch function for sub
- MID-HI filter can be switched on and off
- MID-HIpass filter 12dB/octave or 24dB/octave
- Low Cut filter to cut all frequencies below 20Hz
- Output level of the subwoofer adjustable from -10dB to +10dB
- Frequency response: 4 Hz - 300 kHz



# Performer s800

Stereo Power Amplifier



The Performer s800 amplifier is an ultra-compact bi-polar transistor power amplifier that has absolute control over the speakers up to their load limits. Its pure analog design in VOLTAiR technology gives the Performer s800 an effortless musical sound.

In stereo operation this power amplifier delivers up to 2 x 285 W into 4 ohms speakers. In bridge mode it delivers 450 W into an 8 ohms speaker.



*Professional Fidelity*  
Pro-Fi Series



- 2 x 285 W into 4 ohms; 2 x 185 W into 8 ohms (stereo)
- 450 W into 4 ohms (bridge mode)
- Toroidal transformer with 855 VA
- 40800  $\mu\text{F}$  capacitance for faithful reproduction of impulse peaks
- Direct slave through of the input (e.g. for bi-wiring)
- Input trim for attenuation up to -5.5 dB in 0.5 dB steps
- Gold-plated loudspeaker binding posts
- Neutrik XLR connectors for balanced in- and outputs
- AMP CTL – 12V trigger
- Overheat protection with Temperature LED
- DC (direct current) voltage protection with Protect LED



# Performer m1000

Mono Power Amplifier



Thanks to the VOLTAiR technology the Performer m1000 mono block has far less components than common designs. Only one preamplifier op-amp is required to drive the bi-polar power amplifier transistors: extremely fast, direct and highly efficient.

The Performer m1000 comes with three ornamental inlays: in black, red and silver. They can be combined with the chosen color of the main front panel.



*Professional Fidelity*  
Pro-Fi Series



- 1000 W into 2 ohms; 750 W into 4 ohms; 420 W into 8 ohms
- Toroidal transformer with 1375 VA
- 100,000  $\mu$ F capacitance
- Direct slave through of the input
- Input trim for attenuation up to -5.5 dB in 0.5 dB steps
- Gold-plated loudspeaker binding posts
- Balanced Neutrik XLR connectors
- AMP CTL – 12V trigger
- Overheat protection with Temperature LED
- DC (direct current) voltage protection with Protect LED





# Product Overview

## Elector

Analog Preamplifier



## Director Mk2

DA Converter and Preamplifier



## Phonos

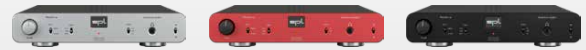
RIAA Phono Preamplifier



## Phonitor se

Headphone Amplifier  
optional DAC768xs (USB, Coax, Optical)

NEW



## Phonitor xe

Headphone Amplifier  
optional DAC768 (USB, Coax, Optical, AES)



## Phonitor x

Headphone Amplifier and Preamplifier  
optional DAC768xs (USB, Coax, Optical)



## Crossover

Active analog 2-way crossover



## Performer s800

Stereo Power Amplifier



## Performer m1000

Mono Power Amplifier



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