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Performance  
Balanced Preamp/Filter



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DUAL MONO

AMPLIWIRE 250 - R Balanced High Performance POWERAMPLIFIER

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NEW! Natural Cues & Balance Amplifier

## The Electrocompaniet story

At an AES conference in 1973, Dr. Matti Ojala presented a paper describing a distortion that he termed Transient Intermodulation (TIM). Attending this conference was Svein Erik Børja, a Norwegian record and broadcasting producer and a great audio enthusiast. The seminar held by Dr. Ojala on TIM provided Svein Erik with an explanation of the audible imperfections he had experienced from audio amplifiers. Svein Erik Børja brought the AES papers to Electrocompaniet, and asked if we could make an amplifier based on Dr. Ojala's and Dr. Jan Lohstroh's theory. A few prototype amplifiers were made and the sound, compared to other transistor amplifiers, was encouraging.

But Svein Erik Børja, being the perfectionist he was, felt that this amplifier design approach had a greater potential. At that time we did not know too much about high-end audio designs. This gave an element of neutrality to our research, which we believe contributed to the amplifier's success. We consider our audio designers from that time to have been the first in what may be called the new "TIM-free" school.

The next 3 years went to further research and design improvement. During this time we had to develop a new "language" to translate what we were hearing, into practical design parameters (distortion, frequency response etc.) A new mathematical equation was developed to better describe the AC (music) characteristics of the transistor, rather than the normal DC characteristics.

The result of this work culminated in the launch of our first 2 x 25W unit, "The 2 Channel Audio Power Amplifier." The final approval came in 1976 when the American "bible", The Audio Critic magazine, tested the amplifier and wrote: "Audio freaks – eat your hearts out. This is the world's best sounding amplifier." Since these early days, Electrocompaniet's designs have been continually improved and our product range has steadily grown. Today we are represented in more than 40 countries worldwide and our products are considered to be among the very best in the audio industry.

The vision that drove us in the early days has stayed:  
If music *really* matters...

NEMO  
Monaural Class A Reference Amplifier

CD TUN: TPAF  
DVD VCR: AUX

Navigator window

EC4.7 High Performan

ELECTROCO



ELECTROCOMPANET

NEMO  
Monaural Class A Reference Amp

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COMPANIET

If music *really* matters

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## EC4.7 Remote Controlled Preampifier

The Electrocompaniet EC 4.7 is a high resolution, high performance, DC coupled and fully balanced, remote controlled preamplifier. EC4.7 has five single-ended inputs, and one fully balanced. On the output side there is one balanced and one single-ended line output, and two fixed single-ended outputs to be used for recording. The remote controlled, motorized, volume control was developed to neither influence nor degrade the sonic performance of the EC 4.7. Volume control and input sources can easily be navigated from the remote control, or via the Navigator touch buttons on the front panel. The Navigator window displays the selected source, and the volume position is indicated by a blue bar. The combination of a Toroid transformer and a reservoir of capacitance far beyond necessary will guaranty full control of your system. The EC 4.7 contains only high quality discrete components. It is perfect in combination with all Electrocompaniet products or other High-End equipment.

### Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60Hz. • **Input impedance:** 330 kOhm • **Input level:** Single ended > 15 Vp-p / Balanced > 30 Vp-p • **Noise floor:** (20 - 20 kHz) < 120 dB • **Channel separation:** (20 - 20kHz) > 110 dB • **Frequency response:** 0.1 - 150 kHz • **Gain:** (Maximum volume) Single ended 0 dB / Balanced 6 dB • **Attenuation:** (Minimum volume) Balanced - 75 dB • **Output impedance:** 100 Ohms • **Output level:** Single ended 15 Vp-p / Balanced 30 Vp-p • **THD:** (1 Vin, 1 Vout, 1kHz) < 0.002 % • **Power consumption:** (no load or signal) 15W • **Dimensions:** Width 483 mm - 19" / Depth 410 mm - 16.1" / Height 115 mm - 4.5" • **Weight:** 8 kg - 17.6 lbs



## EC4.8 High Performance Balanced Preamplifier

With its outstanding performance, excellent resolution, superb control and precise musical rendering, we have finally succeeded making a preamplifier that is true to our slogan, "Closing the gap to the master". Our new two-channel EC 4.8 preamplifier is sure to make all good power amplifiers sound even better !

The EC4.8 preamplifier is designed to fill our need for an advanced preamplifier in a higher price range. The preamplifier is designed as a slimline version, with a fully balanced electronic solution from input to output. It is designed as two separate mono preamplifiers, each with its own power supply. This preamplifier can be used with the included IR remote controller or as an option, together with the RF based remote controller ECT 2. The EC4.8 has the new SPAC network for safety control of the connected power amplifiers.

### Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60Hz • **Input impedance:** 47 kOhm • **Input level:** Single ended > 15 Vp-p / Balanced > 30 Vp-p • **Noise floor:** (20 - 20 kHz) < -130 dB • **Channel separation:** (20 - 20kHz) > 120 dB • **Frequency response:** 0.5 - 200 kHz • **Gain:** -111 dB to +6dB • **Output impedance:** 100 Ohms • **Output level:** Single ended > 15 Vp-p / Balanced > 30 Vp-p • **THD :** (1Vin, 1Vout, 1kHz) < 0,002%. • **Power consumption:** (no load or signal) 30 W • **Dimensions:** Width: 483 mm - 19" / Depth: 368 mm - 14.5" / Height: 76 mm - 3" • **Weight:** 9 kg - 19.8 lbs



## EC4.9 Six Channel Balanced Preamp

The EC4.9 preamplifier is part of the multi-channel product range from Electrocompaniet. The EC4.9 uses the new EC serial standard SPAC (Serial Power Amp Control) for controlling the connected power amplifiers. In combination with one AW3x120-M and one AW2x120-M, the new multi-channel power amplifiers, it is possible to automatically switch from a 5x120W multi-channel system to a 2x400W stereo system in seconds. All fully controlled from the new remote controller ECT 2. Each of the six channels has the same outstanding sound quality as the reference EC4.8 stereo preamplifier. With this product Electrocompaniet has one of the best performing and most advanced 6 channel preamplifiers on the market.

### Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60Hz • Input impedance: 47 kOhm • Input level: Single ended > 15 Vp-p / Balanced > 30 Vp-p • Noise floor: (20 - 20 kHz) < -130 dB • Channel separation: (20 - 20kHz) > 120 dB • Frequency response: 0.5 - 200 kHz • Gain: -111dB to +6dB • Output impedance: 100 Ohms • Output level: Single ended > 15 Vp-p / Balanced > 30 Vp-p • THD : (1Vin, 1Vout, 1kHz) < 0,002%. • Power consumption: (no load or signal) 50 W • Dimensions: Width 483 mm - 19" / Depth 385 mm - 15.2" / Height 135 mm - 5.3" • Weight: 10 kg - 22 lbs





## ECR 1 FM/AM Tuner with Balanced Output

The ECR 1 has been developed to extend the Electrocompaniet product range with a long awaited FM/AM tuner. With the ECR 1 you can finally compliment your system with high-end radio reception in a design matching the rest of your Electrocompaniet equipment. It also includes RDS (Radio Data System) for viewing your favourite stations call letters and music material that they are broadcasting. The ECR 1 features a fully balanced and symmetrical analogue output section, terminated in a balanced and a single-ended output connection.

### Technical specification:

Sensitivity: (FM) 15 dBuV / (AM) 54 dBu • Signal to noise ratio: (FM) 73 dB / (AM) 50 dB • THD: (FM) 0.2% / (AM) 0.7% • Frequency response: (FM, +/- 3dB) 10Hz – 15 kHz • Adjacent channel selectivity: (+/- 400 kHz) 75 dB • Stereo separation: 41 dB • AM rejection: 50 dB • IF rejection: 70 dB • Output level: 2Vrms • RDS work level: 33 dBu • Antenna input: (FM) 75 ohms unbalanced / (AM) loop antenna • Power consumption: 15 W • Dimensions: Width 483 mm - 19" / Depth 368 mm - 14.5" / Height 76 mm - 3" • Weight: 5 Kg - 11 lbs



# EMC 1UP

## 24 Bit Upsampler 192kHz DAC Reference CD Player

The EMC 1UP features a unique cancellation system which cancels acoustic / mechanical vibrations, preventing the laser pick-up from receiving unwanted and sonically degrading signals. The EMC 1UP features our latest, fully balanced symmetrical state-of-the-art circuit design powered by a FTT (Floating Transformer Technology) power supply. A 24 bit upsampler 192kHz DAC improves the headroom by reducing the noise floor approximately 10dB(3x). All the analogue circuits are fully balanced and symmetrical, similar to the design of our amplifiers.

Due to the higher sampling frequency and the cancellation of digital noise in the balanced system, the bandwidth is moved two octaves up in frequency compared to standard CD system using 44.1kHz sampling frequency. Therefore a 6dB roll-off can be used in the analogue output filter.

### Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60 Hz • Output level: (unbalanced) 2.3Vrms / (balanced) 4.6 Vrms • Noise floor analogue section: < -125dB • Frequency deviation: (20 – 20 kHz) 0.1dB • Channel separation: > 90 dB • THD + N: < 0.003% • Upsampling: 24 bit, 192 kHz • Dynamic range: 120 dB • Compatible formats: CD, CD-R, CD-RW • Power consumption: 23 W • Dimensions: Width 483 mm - 19" / Depth 450 mm - 17.7" / Height 120 mm - 4.7" • Weight: 20 kg - 44.1 lbs



## ECC 1 2 Channel CD player

Modern production technology has been utilized to keep the manufacturing cost at a minimum and give a performance that will rival the best. The latest 24bit/192kHz DAC from Cirrus Logic, together with a precision fully balanced analogue output stage operating in class A, sets the basis for a detailed, delicate and dynamic sound. A damping platform based on the EMC1 UP anti-vibration system has been developed to create the best possible working conditions for the laser pick-up. The ECC 1 features both balanced and single-ended outputs, and a coaxial digital output. The analogue output filter is optimized to reduce the phase shift at higher frequencies, thereby leaving the high frequency music information intact.

### Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60 Hz • Output level: (unbalanced) 2.3Vrms / (balanced) 4.6 Vrms • Noise floor analogue section: < -130dB • Frequency deviation: (20 – 20 kHz) 0.05dB • Channel separation: > 110 dB • THD + N: < 0.002% • Digital/analog conversion: 24 bit, 192 kHz • Dynamic range: 120 dB • Compatible formats: CD, HDCD, CD-R, CD-RW, MP3-CD, WMA-CD • Power consumption: 35 W • Dimensions: Width 483 mm - 19" / Depth 385 mm - 15.2" / Height 95 mm - 3.7" • Weight: 9 kg - 19.8 lbs



## EMP 1/S Two Channel SACD player

The EMP 1/S SACD player is exceptional - providing stereo SACD playback that defines the current state of the art. The new design achieves excellent playability and disc acceptance. The optical module is mounted on a anti-vibration platform to minimize external interference when reading the disc. The DA conversion is handled by the latest DACs from Cirrus Logic. The user interface can be fully controlled from the remote control handset or the front panel keypad. The EMP 1/S can easily be upgraded to a fully featured EMP 1 by replacing a module and do a firmware upgrade.

### Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60 Hz • Output level: (unbalanced) 2.3Vrms / (balanced) 4.6 Vrms • Noise floor analogue section: < -130dB • Frequency deviation: (20 – 20 kHz) 0.05dB • Channel separation: > 110 dB • THD + N: < 0.002% • Upsampling: 24 bit, 192 kHz • Dynamic range: 120 dB • Compatible formats: CD, HDCD, CDR, CD-RW, SACD, MP3-CD, WMA-CD • Power consumption: 45 W • Dimensions: Width 483 mm – 19" / Depth 410 mm – 16.1" / Height 75 mm – 3" • Weight: 15 kg – 33.1 lbs



## ECT 2 Hybrid RF Remote Controller

A unique remote controller with two way radio communication. The system operation status is communicated via the RF-link and can be viewed on the graphic OLED display on the remote controller. With this unit you can control and display information from power amplifiers, preamplifiers, CD and DVD players made by Electrocompaniet.

### Technical specifications:

Some of the information and control functions of the ECT 2 includes: • **Power amps:** Transistor temperature, output current, bias current • **Preamps:** Volume control, balance settings, renaming of input channels • **CD/DVD:** Track number, time, DVD setup, layer selection • **Remote control features:** Sleep mode, wake-up time 50ms, graphics OLED display, USB port for charging and firmware upgrades. • **Communication:** Hybrid system with communication on both RF (radio frequency), and IR (infrared). • **Dimensions :** Width 62 mm – 2.4" /Depth 22 mm – 0.86" /Height 170 mm – 6.7" • **Weight:** 0.25 kg – 0.55lbs



# EMP 1

## Six Channel Multi-Player

The EMP 1 is Electrocompaniet's multi-channel multi-format player providing outstanding audio and video performance. The six balanced analogue output stages are improved versions of the output stages used in the highly acclaimed EMC 1UP. SMT-technology has improved circuit board layout giving a shorter signal path from the DA converters to the XLR outputs. Power supply and regulation is also improved to keep negative impacts at a minimum. The optical module provides excellent playability and is mounted on a anti-vibration platform to minimize external interference when reading the disc. DA conversion after upsampling to 192kHz/24bit is handled by the latest DACs from Cirrus Logic. The EMP 1 features a very precise clock source that has been buffered locally before clocking the upsamplers and DACs. Thus audio data is resampled and converted to analogue format in a clock domain with very little jitter. Nothing is spared in the analogue section of the EMP 1. All channels are identical from input to output, rivaling even the best CD-player in component, build and sound quality. The video section features the latest Faroudja DCDi technology including a scaler and de-interlacer, producing a outstanding progressive-scan video picture that can be scaled up to a resolution of 1080. Video outputs consists of a HDMI output with HDCP support, as well as a component output. The EMP 1 is truly exceptional - providing video, multichannel and stereo audio playback that defines the current state of art.

### Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60 Hz • **Output level:** (unbalanced) 2.3Vrms / (balanced) 4.6 Vrms • **Noise floor analogue section:** < -130dB • **Frequency deviation:** [20 – 20 kHz] 0.05dB • **Channel separation:** > 110 dB • **THD + N:** < 0.002% • **Upsampling:** 24 bit, 192 kHz • **Dynamic range:** 120 dB • **Compatible formats:** CD, HDCD, SACD, DVD, MP3, SVCD, VCD, WMA, DIVX, Picture CD, JPEG • **Video scaler & de-interlacer:** Faroudja DCDi • **Video output:** Component (Pr,Pb,Y), HDMI (480p/576p/720p/1080) • **Power consumption:** 95W • **Dimensions:** Width 483 mm - 19" / Depth 410 mm - 16.1" / Height 75 mm - 3" • **Weight:** 15 kg - 33.1 lbs



## ECI 3 Balanced Integrated Amplifier

The Electrocompaniet ECI 3 is a DC coupled high performing, fully balanced, remote controlled integrated stereo amplifier. It features one balanced XLR input, five single-ended RCA inputs, a balanced output, and two single-ended recording outputs. The ECI 3 is equipped with a balanced, motorized volume control without sonic degradation, and all input switching is done by relays.

### Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60 Hz • Input impedance: 330 kOhm • Maximum input level: > 10 Vrms • Output impedance: (20 Hz - 20 kHz) < 0,03 Ohm • Maximum peak current: > 60 A • THD+N: (measured at 1 kHz half power, 8 Ohm) < 0,005 % • Output power: (8 Ohm) 2 x 70 W / (4 Ohm) 2 x 120 W / (2 Ohm) 2 x 160 W • Power consumption: (no load or signal) 70 W • Dimensions: Width 483 mm - 19 " / Depth 410 mm - 16.1 " / Height 115 mm - 4.5 " • Weight: 12 kg - 26.4 lbs



## ECI 5 Balanced Integrated Amplifier

The Electrocompaniet ECI 5 is a DC coupled high performing, fully balanced, remote controlled integrated stereo amplifier. The input configuration includes two balanced (XLR), three single-ended (RCA) and one direct (RCA) for home theatre input. The balanced, motorized volume control does not degrade the sonic qualities of the unit.

### Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60 Hz • Input impedance: 330 kOhm • Maximum input level: > 10 Vrms • Output impedance: (20 Hz - 20 kHz) < 0,02 Ohm • Maximum peak current: > 60 A • THD+N: (measured at 1 kHz half power, 8 Ohm) < 0,007 % • Output power: (8 Ohm) 2 x 120 W / (4 Ohm) 2 x 200 W / (2 Ohm) 2 x 350 W • Power consumption: (no load or signal) 160 W • Dimensions: Width 483 mm - 19 " / Depth 405 mm - 16 " / Height 135 mm - 5.3 " • Weight: 16 kg - 35 lbs



# NEMO Monaural Class A Reference Amplifier

The Electrocompaniet AW600 monaural power amplifier represents the ultimate fidelity in sound reproduction. Audiophiles, recording engineers, record producers and reviewers around the world rely on the AW600's faithful reproduction of the original master recording. The stunning capabilities of the Electrocompaniet AW600 cannot be explained – they have to be experienced. The AW600 incorporates such refined features as: FTT (Floating Transformer Technology) power supply, capable of delivering twice the current of a conventional power supply, a first class overall circuit design and state-of-the-art components.

## Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60Hz. Clipping point of the amplifier is set to a level where total harmonic distortion (THD) is 0.2% • Input impedance: 330 kOhm • Input level for rated output: 1 Vrms • Frequency response: 0.1 - 120 kHz • Noise floor: < -110dB • Output impedance: < 0,009 ohm • Damping factor: > 900 • Maximum peak current: > 150 A • THD + N: (1 kHz, half power, 8 ohm) < 0,002% • Rated output power: (8 ohm) 600 W / (4 ohm) 1200 W / (2 ohm) 2400W • Power consumption: (no load or signal) 230W • Dimensions: Width 514 mm – 20.2" / Depth 470 mm – 18.5" / Height 288 mm – 11.3" • Weight: 41 kg – 90.4 lbs



# AW400

## Balanced MONO Power Amplifier

The Electrocompaniet AW400 is a powerful mono amplifier, with a characteristic fast and clean sound. The power amplifier is analytic, and built for dynamic reproduction for low level as well as high level playback. The Electrocompaniet AW400 power amplifier is based on the design philosophy of the highly acclaimed AW120 power amplifier. The AW400 incorporates such refined features as: FTT (Floating Transformer Technology) power supply, capable of delivering twice the current of a conventional power supply. First class overall circuit design and state-of-the-art components provides uncompromising sonic and mechanical quality. AW400 produces 400W of clean and powerful dynamics into an 8 Ohms load.

### Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60Hz. Clipping point of the amplifier is set to a level where total harmonic distortion (THD) is 0.2% • Input impedance: 330 kOhm • Input level for rated output: 1.6 Vrms, adjustable • Frequency response: 0.1 - 130 kHz • Noise floor: < -110dB • Output impedance: < 0,015 ohm • Damping factor: > 500 • Maximum peak current: > 100 A • THD + N: (1 kHz, half power, 8 ohm) < 0,004% • Rated output power: (8 ohm) 400 W / (4 ohm) 730 W / (2 ohm) 1200W • Power consumption: (no load or signal) 220W • Dimensions: Width 358 mm - 14.1" / Depth 470 mm - 18.5" / Height 261 mm - 10.2" • Weight: 25 kg - 55.1 lbs



## AW180 Monaural Power Amplifier

The Electrocompaniet AW180 monaural power amplifier represents the ultimate fidelity in sound reproduction. Audiophiles, recording engineers, record producers and reviewers around the world rely on the AW180's faithful reproduction of the original master recording. The stunning capabilities of the Electrocompaniet AW180 cannot be explained – they have to be experienced. The Electrocompaniet AW180 features a balanced link to additional amplifier(s) for bi-amping. It can easily be used in bridged mode, delivering up to four times the power.

### Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60Hz. Clipping point of the amplifier is set to a level where total harmonic distortion (THD) is 0.2% • Input impedance: 330 kOhm • Input level for rated output: 1 Vrms • Frequency response: 0.1 - 100 kHz • Noise floor: < -110dB • Output impedance: < 0,008 ohm • Damping factor: > 1000 • Maximum peak current: > 120 A • THD + N: (1 kHz, half power, 8 ohm) < 0,003% • Rated output power: (8 ohm) 180 W / (4 ohm) 350 W / (2 ohm) 625W • Power consumption: (no load or signal) 180W • Dimensions: Width 215 mm – 8.5" / Depth 470 mm – 18.5" / Height 290 mm – 11.4" • Weight: 22 kg – 48.5 lbs



## AW250R Dual Mono Balanced Power Amplifier

The Electrocompaniet AW250R power amplifier is known for its uncolored and excellent reproduction qualities. From the first note of any familiar recording, you will be captivated by the AW250R and by the musical enjoyment it will give you.

The AW250R has first class overall circuit design and state-of-the-art components. Compared to more expensive High-End power amplifiers, with lesser performance, you will truly cherish the AW250R. The Electrocompaniet AW250R features a balanced link to additional amplifier(s) for bi-amping. It can easily be used in bridged mode, delivering up to four times the power.

### Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60Hz. Clipping point of the amplifier is set to a level where total harmonic distortion (THD) is 0.2% • Input impedance: 330 kOhm • Input level for rated output: 1 Vrms • Frequency response: 0.1 - 100 kHz • Noise floor: < -110dB • Output impedance: < 0,008 ohm • Damping factor: > 1000 • Maximum peak current: > 120 A • THD + N: (1 kHz, half power, 8 ohm) < 0,003% • Rated output power: (8 ohm) 250 W / (4 ohm) 440 W / (2 ohm) 625W • Power consumption: (no load or signal) 230W • Dimensions: Width 483 mm – 19" / Depth 450 mm – 17.7" / Height 210 mm – 8.2" • Weight: 39 kg – 86 lbs



# AW2x120-M Mono/Stereo Power Amplifier

The Electrocompaniet AW 2x120-M is a flexible two-channel power amplifier organized as two mono blocks. It can be used as part of Electrocompaniet's multi-channel systems, or as a stand-alone stereo power amplifier. When used in a multi-channel configuration, in combination with a AW3x120-M, this amplifier is an ideal choice for a home theatre setup. With a touch on the remote control, the amplifier can be switched to bridged 400W mono mode for High-End two channel playback. The AW 2x120-M is designed and built in the classic Electrocompaniet tradition, guaranteeing lifelike sound reproduction and lasting build quality.

## Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60Hz. Clipping point of the amplifier is set to a level where total harmonic distortion (THD) is 0.2% • Input impedance: 330 kOhm • Input level for rated output: 1 Vrms • Frequency response: 0.1 - 120 kHz • Noise floor: < -105dB • Output impedance: < 0,020 ohm • Damping factor: > 400 • Maximum peak current: > 100 A • THD + N: (1 kHz, half power, 8 ohm) < 0,005% • Rated output power: (8 ohm) 120 W / (4 ohm) 200 W / (2 ohm) 350W • Power consumption: (no load or signal) 240W • Dimensions: Width 483 mm – 19" / Depth 385 mm – 15" / Height 135 mm – 5.3" • Weight: 20 kg – 44.1 lbs



## AW3x120-M Mono/Trippl Power Amplifier

The Electrocompaniet AW 3x120-M is a true powerhouse in a compact design, and can even challenge its famous "big brothers", the traditional Electrocompaniet power amplifiers.

What is so special about the AW 3x120-M amplifier?

When used in a multi-channel configuration, in combination with the AW2x120-M, this three channel power amplifier is an ideal choice for a home theatre setup. Five identical high end power amplifier channels is then available to run your front, center and surround speakers. A combination of two AW3x120-M leaves one channel extra for powering a passive subwoofer. With a touch of the remote control, they switch over to bridged 400W mono mode for High-End stereo playback. Other smart features of the Electrocompaniet AW 3x120-M includes live feedback of the amplifier's "vital statistics" on the graphical remote control - ideal for those who like to push their music to its limits. The Electrocompaniet AW 3x120-M is smart, compact, flexible and packed with features. – Quite simply, it is state of the art.

Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60Hz. Clipping point of the amplifier is set to a level where total harmonic distortion (THD) is 0.2% • Input impedance: 330 kOhm • Input level for rated output: 1 Vrms • Frequency response: 0.1 - 120 kHz • Noise floor: < -105dB • Output impedance: < 0,020 ohm • Damping factor: > 400 • Maximum peak current: > 100 A • THD + N: (1 kHz, half power, 8 ohm) < 0,005% • Rated output power: (8 ohm) 120 W / (4 ohm) 200 W / (2 ohm) 350W • Power consumption: (no load or signal) 240W • Dimensions: Width 483 mm – 19" / Depth 385 mm – 15" / Height 135 mm – 5.3" • Weight: 30 kg – 66.1 lbs



## ECP 1 MC / MM Phono Preamplifier

The Electrocompaniet ECP 1 RIAA/ Phono Preamplifier brings out the best from your vinyl record collection. This self-contained phono stage can easily be switched between moving coil and moving magnet operation. The ECP 1 is a big performer at an affordable price. You and your favorite vinyls deserve the Electrocompaniet ECP 1.

### Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60Hz • Gain: Moving Coil 73 dB (4500x) / Moving Magnet 34.8 dB (55x) • Input impedance: Moving Magnet 47 kOhm/22pF • THD: (1 kHz, 2V output) < 0.007% • Overload: Moving Coil (THD = 0,2%) > 2 mV / Moving Magnet (THD = 0,2%) > 165mV • Channel separation: (1V output at 1 kHz) > 80dB • Noise: (ref. 0,5 mV) Moving Coil -88 dB / (ref. 5 mV) Moving Magnet -88 dB • Equivalent input noise: (400 Hz - 300 kHz) 0,2 uV • RIAA accuracy: (20 Hz - 20 kHz) +/-0,1 dB • Output impedance: 100 ohm • Power consumption: (no load or signal) 8W • Dimensions: Width 241 mm - 9.5" / Depth 170 mm - 6.7" / Height 70 mm - 2.8" • Weight: 1 kg - 2.2 lbs



## ECD 1 24 Bit Upsampler 192kHz DAC

The digital and analogue circuitry used in the ECD 1 is the same as used in our EMC 1UP CD player. The ECD 1 will improve the sound of any CD player, turning it into a High-End source.

### Technical specifications:

All measurements are made at 120V / 240V // 50Hz / 60 Hz • Output level: (unbalanced) 2.3 Vrms / (balanced) 4,6 Vrms • Maximum output: (balanced) > 14 V RMS • THD: (1 V out, 1 kHz) < 0.003 % • Channel separation: (1 V out, 1 kHz) > 90 dB • Equivalent input noise: 4 uV • Output impedance: 100 Ohms • Analog filter: (-3 dB) 75 kHz • Digital inputs: XLR-AES/EBU, RCA, OPTICAL TOSLINK • Digital outputs: RCA, OPTICAL TOSLINK • Dynamic range: 120 dB • Noise floor analogue section: < -125 dB • Input sampling frequency: 32-48 kHz • Power consumption: 15 W • Dimensions: Width 483 mm - 19" / Depth 255 mm - 10" / Height 83 mm - 3.2" • Weight: 5 Kg - 11 lbs



# PSF 1 Loudspeaker PSB 1

The Electrocompaniet PSB-1 and PSF-1 loudspeakers are 2 and 2,5 way floor standing bass reflex constructions, with single and double 6,5 inch woofers and a 1 inch tweeter. The cabinet is made of MDF four internal struttings to ensure minimum resonances. Total thickness of the side panels is 24 mm. Front and rear panels are made of 18 mm MDF. The woofers have a solid magnet structure with a long throw design to ensure well-controlled and tight bass reproduction even at relatively high SPL. Speaker cones are made of selected coated paper in order to give maximum musicality and a smooth frequency response.

As tweeter we use a 25 mm silk dome with ventilated magnet system and damped rear chamber to ensure minimum compression and good musical properties, not often used in loudspeakers at this price level. All units are custom made to Electrocompaniet to meet our high requirements regarding sound quality. In order to ensure a coherent and wide soundstage from the speaker, the x-over is carefully phase optimized, where the drivers have the same absolute acoustic phase at the x-over frequency between midrange and tweeter without any inverted phase of drive units. The x-over is made of low loss inductors and poly-carbonate capacitors.

Technical specification PSF 1:

- Frequency response: 46-20000 Hz +/- 2.5 dB free field condition.
- Impedance: 4 ohms
- Sensitivity: 89 dB/m at 2.83v
- Power handling: 120 Continuous /200Watt Music Power
- X.over frequency: (500) and 2300 Hz, 6dB/12dB and 18 dB/oct.
- Bass tuning frequency: 40 Hz
- Dimensions : Width 210 mm – 8.3"/Depth 338 mm – 13.3"/Height 1065 mm – 42"
- Weight: 20 kg – 44lbs

Technical specification PSB 1:

- Frequency response: 55-20000 Hz +/- 2.5 dB.
- Impedance: 4 ohms
- Sensitivity: 87 dB/m 2.83v
- Power handling: 70/110W
- X.over frequency: 2500 Hz
- Bass tuning frequency: 55Hz
- App. Dimensions : Width 143 mm /Depth 260 mm /Height 294 mm
- App. Weight: 5 kg

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### PRELUDE LINE - The high end lifestyle product

We have used all our 34 years of experience and knowledge of designing high-end audio equipment in combination with the very latest production technologies in order to create this new product line. The result is a high end product with a excellent price/quality level, having a music reproduction that is very detailed, open and dynamic.



### DP LINE - Pure power to the music

The mission of the DP line is to design audio products that only apply power to the source signal and at the same time preserves its dynamics. For more than 20 years this patented system was sold under the name Dynamic Precision.

From 1 of may 2007, the company was acquired by Electrocompaniet. From this date all Dynamic Precision products are available under the name Electrocompaniet DP LINE.



[www.electrocompaniet.no](http://www.electrocompaniet.no)

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