



**PRIMARE HOME THEATRE**  
Bringing sound and vision to life



» Primare design will deliver all the scale and impact of high-end home entertainment «

## LIFE WITH PRIMARE HOME THEATRE

**Primare home theatre balances breathtaking audio and video resolution with beautifully understated design sophistication.**

From the awesome award-winning BD32 MkII universal player, the new SPA23 AV amplifier and SP33 processor, and the A30.7 or A34.2 power amplifiers you'll experience a wonderful consistency of high build quality and performance in a style that's easy to appreciate and use. Over decades we've dedicated our engineering to the purity of signal transfer and product operation, giving film and music fans access to fidelity without complication. By combining ultra-low noise circuit topology with potent reserves of clean power, Primare design will deliver all the scale and

impact of high-end home entertainment, complete with the utility of intuitive control and the satisfaction that comes from owning a product that looks and feels beautiful in the home. These are the virtues that make Primare unique. For those who value performance over gadgetry, convenience over complexity, understated elegance over flashy display, Primare separates can inspire satisfaction on every level, not just from the astonishing natural accuracy of their pictures and sound, but also from the rare and enduring luxury of their design.



## SPA23 INTEGRATED AV AMPLIFIER

The new SPA23 AV amplifier is definitively Primare, integrating superior innovation, flexibility and signal purity with an exclusive visual sophistication. Equipped with five identical 120W UFPD amplifiers, HD audio processing, six HDMI inputs (with 4K pass-through), two HDMI outputs and a versatile range of analogue and digital audio inputs, the SPA23 will realise the potential of high definition film and music sources.

### LIFE WITH THE SPA23

The SPA23 performs brilliantly at the centre of your home AV system. Through simple onscreen menus and the new C24 remote supplied you can optimise the performance of every component with ease. Connect all of your sources to the SPA23 and customise each input with a name - 'Blu-ray' or 'cable' for instance. Then select a surround format for each according to source: Dolby TrueHD or DTS-HD Master Audio would be appropriate for FullHD movies from Blu-ray disc or online sources. Next match the sound of each format to your room with precise adjustments for level, speaker type, crossover frequency, delay and bass management. Fine-tune performance and functionality still further with sensitivity control and 12V trigger activation per input. With all of your sources set-up you can create automatic audio and video associations between them, achieving

perfect sound and picture synchronisation every time through the SPA23's global delay DSP. New video circuitry features 4K and 3D video pass-through, with matrix switching facility for six HDMI inputs and two ARC assignable HDMI outputs. All this is possible with fingertip control from the C24 remote. Beyond the handset, compatibility with third party home automation systems is assured through IR and RS232 connections.

Use the SPA23 with the matching and acclaimed BD32 MkII universal player, and add the A34.2 two-channel power amplifier for full seven channel surround.



## SP33 AUDIOPHILE AV PROCESSOR

Featuring six HDMI inputs and two HDMI outputs, together with a wide range of analogue and digital audio connections, the SP33 gives you the power of fingertip control over all your home entertainment sources, including disc players, DACs, TV boxes and gaming consoles. And with versatility and convenience comes the superb audiophile performance of a Primare 30 series design.

### LIFE WITH THE SP33

With a comprehensive array of digital and analogue connections: low-noise balanced audio inputs and outputs, HDMI inputs and outputs, a Zone 2 output for performance in a second room, and IR and RS232 connections for the highest possible automation flexibility, the SP33 will integrate easily with any high quality installation. It gives you the opportunity for powerful custom configuration in your home environment, allowing you to personalize operation and to optimise the performance of your system. Almost every parameter can be user defined using new onscreen menus and the C24 remote supplied. Assign a name to any input and associate it with any audio and video source. Surround format, trigger activation and input sensitivity may be specified for each input, and surround formats - including Dolby TrueHD or DTS-HD Master Audio - custom-set for level, speaker type,

crossover frequency, delay and bass configuration. In addition, a 250mS global delay system with dedicated DSP is incorporated in order to achieve the best possible picture-to-sound synchronisation. The SP33's new video circuitry features 4K and 3D video pass-through, with matrix switching for six HDMI inputs and two ARC assignable HDMI outputs for perfect performance from a choice of two displays.

In the SP33 you'll own a finely-engineered, easy-to-use audio and video design, complete with excellent system expansion flexibility and the promise of astonishing sound and picture resolution for years to come. Match the SP33 with the Primare A30.7 UFPD power amplifier and BD32 MkII universal player for the ultimate statement of home entertainment luxury from Primare.



## BD32 MkII UNIVERSAL PLAYER

Delivering the highest quality music and film replay from the widest range of sources, the BD32 MkII media player adds 4K up-scaling, Netflix support and improved circuit design to the award-winning BD32. The MkII has truly universal playback capabilities. It's the only player you'll ever need and the perfect complement to our stereo and home theatre products.

### LIFE WITH THE BD32 MkII

Equipped with audiophile reserves of clean power distributed across multiple supplies, the MkII will render spectacular detail and luminous colour from native 4K sources, and transform Blu-ray and DVD at four times the resolution of FullHD 1080p. You'll love the fluid, naturally vibrant pictures generated by over eight million precisely defined pixels, and the explosive audio dynamics derived from multi-channel film sound, CD, SACD, DVD-A discs and DSD files over USB and Windows SMB. Enjoy easy access to similarly enhanced media through wired or Wi-Fi networks (using an external USB dongle supplied), USB or DLNA (Digital Living Network Alliance) devices together with effortless operation via a clear and dimmable OLED display in tandem with our C24 system remote.

Updates are as intuitive. On initial set-up and connected to the internet via its LAN port, the BD32 MkII will automatically

download the latest software from the Primare website. Further upgrades are easily completed via the set-up menu. The MkII's beautifully understated design also offers a deceptively wide range of connections for integration with home automation systems and control over additional components like home theatre projectors and screens.

The BD32 MkII will reveal the quality of your audio and video entertainment more vividly than ever before, and supply the reassurance of superior design, material specification and functional simplicity for which Primare is world renowned. For the perfect union of sound and picture in the classic Primare style, introduce the BD32 MkII to the SP33 and A30.7 or the SPA23. All models are available in luxury brushed black or titanium.



## A30.7 SEVEN CHANNEL POWER AMPLIFIER

Projecting an elegant efficiency that is the hallmark of Primare design, the Primare A30.7 is a seven-channel power amplifier housing seven discrete 150W Ultra-Fast Power Device (UFPD) amplifiers in a gorgeous heavy gauge alloy steel chassis. It is designed to provide high power output with very low distortion for the SP33 audiophile preamp/processor and all other multi-channel audio processors.

### LIFE WITH THE A30.7

Matching the SP33's outputs, each channel of the A30.7 incorporates unbalanced (RCA) and balanced (XLR) inputs, as well as high quality gold-plated speaker terminals, trigger and RS232 control inputs.

UFPD's instantaneous rise time and wideband response result in a naturally fast, clean and agile sound over a much wider frequency range. This means that through the A30.7, super-clean signals from the SP33 are turned into dynamic three-dimensional audio, rich with natural detail, texture and atmosphere.

What's more, the A30.7's efficient UFPD design converts more power into sound and less into heat, making it economical to run and ecologically in tune.

### Audiophile UFPD amplification

UFPD (Ultra Fast Power Device) amplifiers represent a new type of purified Class D/switch-mode design, which delivers a natural dynamic quality of sound across the entire audible spectrum with an amazing energy-saving efficiency. Before UFPD, Class D modules worked well as compact bass amplifiers but proved to be inherently unstable when called on to reproduce accurately the full frequency range of a female voice for instance or the natural resonance of percussion instruments. All this has changed with Primare's innovative UFPD design. It is consistent in resolution across the entire audio band, treating all frequencies with the same level of care, regardless of load. This means that UFPD is able to drive any speaker, creating a natural, rhythmic sound while keeping power consumption at a fraction of that used by a traditional amplifier.



## A34.2 TWO-CHANNEL POWER AMPLIFIER

The A34.2 is a 2 x 150 W stereo UFPD power amplifier. Designed to preserve the dynamics and transparency of our finest music systems, including PRE32 audiophile preamplifier, the A34.2 is the perfect amplification partner for the SPA23 in the expansion path from five to seven channels.

### LIFE WITH THE A34.2

First you'll love the gorgeous understated design and the sensation of high quality from this slim 30 series component, which adds visual sophistication and capability to any Primare music or home theatre system. Next you'll appreciate the effortless power, engineered to reproduce the naturally fast, detailed sound that identifies all Primare products. In partnership with the SPA23, the A34.2 offers the same extraordinary UFPD amp technology, and the same sophisticated build as its five-channel range mate - perfect for adding power to main left and right channels while the SPA23's amps are re-assigned to surround duties. Switch the A34.2 to bridged mode and the amp will deliver up to 550W into the largest and most complex music and home cinema speakers.

The A34.2 generates stunningly clean, dynamic audio through two discrete UFPD amplifiers, each channel incorporating complementary unbalanced (RCA) and added audiophile balanced (XLR) inputs, as well as trigger and RS232 control inputs for home control systems. The A34.2's versatility and classy lifestyle appearance leaves your system design options wide open, and with an eye on power economy, its proprietary UFPD technology is ecologically superior, being super cool in operation as well as supremely efficient. When teamed with the SPA23 or with the PRE32 preamplifier, the A34.2 will bring design harmony to your system, complete with Primare quality and the promise of long-lived satisfaction.

# TECHNICAL SPECIFICATIONS



## SPA23 INTEGRATED AV AMPLIFIER

### General specification

Output power	5 X 120W 8Ω
Analogue Inputs	8 RCA, incl. 7.1 inputs
Digital Inputs	3 RCA, 3 TOS-Link
Video Inputs	6 HDMI, with matrix switching
Analogue Outputs	Front (left and right), Center, Sub, Surr (left and right), Surr back (left and right)
Analogue Record Output	1 RCA (left and right)
Zone 2 Output	1 RCA (left and right)
Digital Output	1 RCA, 1TOS-Link
Video Output	2 HDMI, with assignable ARC
Modes	Stereo, Bypass, Party, Dolby Prologic IIx Music, Dolby Prologic IIx Movie, DTS NEO:6 MUSIC, DTS NEO:6 CINEMA, Dolby Digital, Dolby Digital EX, Dolby Prologic II, Dolby Prologic IIx, Dolby EX, Dolby Plus, Dolby TrueHD, DTS, DTS ES, DTS Neo:6, DTS 96/24, DTS HDMaster Audio, DTS HD High Res audio, MULTI/2 CH PCM/LPCM
Decoding Formats	32KHz,44.1KHz,48KHz, 88.2KHz,96KHz,192KHz
Sampling rates	HDMI HDCP 2.2 with 4K and 3D pass-thru, and HDMI OSD
Video	1 IR Input, 3 12v outputs (triggers), 1 RS232, Fully stabilized SMPS
Other out-/inputs	800W at 1K, 8R, 120W all channels driven
Power Consumption operate	

### Analogue Preamp Data

THD	<0.005%, 20 Hz-20kHz
Signal-to-Noise	-110 dB
Frequency Response	10 Hz-100 kHz, 1dB
Input Impedance	47 KΩ, unbalanced
Output Impedance	47 R unbalanced

### Power Amp Data

Output power 1KHz, one channel driven	8R 150W THD+N <1%, 4R 300W THD+N <1%, AP AUX0025 Filter
Output power 1KHz, all channels driven	120W 4/8R THD+N <0.1%, AP AUX0025 Filter
THD	<0.01% 20-20KHz 1W 8R, AP AES17 Filter
Signal-to-noise	80dB, AP AES17 filter, ref 2.828Vrms.
Frequency Response	20 Hz-20 kHz -0.2dB, 1W 8R

### Digital Data

Frequency Response	20 Hz-20 kHz+ 0.2dB
THD+Noise	0,005% @1 kHz(AES17 filter)
Dimensions (WxDxH)	430 x 385 x 180 mm
Weight	15Kg
Colour options	Black or Titanium



## SP33 AUDIOPHILE AV PROCESSOR

### General specification

Analogue Inputs	2 Balanced, 8 RCA, incl 7.1 inputs
Digital Inputs	1 Balanced, 3 RCA, 3 TOS-Link
Video Inputs	6 HDMI, with matrix switching
Balanced outputs	Front (left and right), Center, Sub, Surr (left and right), Surr back (left and right)
RCA Analogue Outputs	Front (left and right), Center, Sub, Surr (left and right), Surr back (left and right)
Analogue Record Output	1 RCA (left and right)
Zone 2 Output	1 RCA (left and right)
Digital Output	1 RCA, 1TOS-Link
Video Output	2 HDMI, with assignable ARC
Modes	Stereo, Bypass, Party, Dolby Prologic IIx Music, Dolby Prologic IIx Movie, DTS NEO:6 MUSIC, DTS NEO:6 CINEMA, Dolby TrueHD, Dolby Digital, Dolby Digital EX, Dolby Prologic II, Dolby Prologic IIx, DTS-HD Master Audio, DTS, DTS ES, DTS Neo:6, DTS 96/24, MULTI/2 CH PCM/LPCM
Decoding Formats	32KHz,44.1KHz,48KHz, 88.2KHz,96KHz,192KHz (AES/EBU)
Sampling rates	HDMI HDCP 2.2, with 4K video and 3D pass pass-thru, and HDMI OSD
Video	1 IR Input, 3 12v outputs (triggers), 1 RS232
Other out-/inputs	<60W
Power Consumption operate	

### Analogue Preamp data

THD	<0.005%, 20 Hz-20kHz
Signal-to-Noise	-110 dB
Frequency Response	10 Hz-100 kHz, 1dB
Input Impedance	47 KΩ, unbalanced
Input Impedance	3 KΩ, balanced
Output Impedance	47 R unbalanced
Digital Data	47R Balanced
Frequency Response	20 Hz-20 kHz+ 0.2dB
THD+Noise	0,005% @1 kHz(AES17 filter)
Dimensions (WxDxH)	430 x 385 x 180 mm
Weight	12 Kg
Colour options	Black or Titanium



## BD32 MKII UNIVERSAL PLAYER

CD performance	Freq resp -0.19dB @20K; THD+N 1K 0dBFS (22K LPF) 0.0015%; Noise A-weighted. -138dBV
SACD (DSD) performance	Freq resp -0.17dB @20K; THD+N 1K 0dBFS (22K LPF) 0.0055%; Noise A-weighted. -125dBV
Analogue outputs	1 pair Stereo XLR (4,4Vrms) and 1 pair RCA (2,2Vrms) 1 multichannel 7.1 RCA input
Digital outputs	1x SPDIF (RCA); 1x optical (TOS-link)
Video outputs	2x HDMI
Inputs	HDMI input, 2 x USB-A, LAN, IR in/out 3.5mm; RS232; Trigger in/out 3.5mm
D/A converter	Crystal DSD DAC CS4398
Output impedance	RCA 1000hm; XLR 1100hm
Power consumption	Standby 0,5W, Idle 37W, Operation 50W
Dimensions	430 x 375 x 106 mm
Weight	10kg
Colour options	Black or Titanium



## A30.7 SEVEN CHANNEL POWER AMPLIFIER

Output power	7x 150W / 8 Ω all channels driven
Inputs	7x RCA / 7x XLR switchable, RS232, trigger (12V)
Input impedance	RCA 15 kΩ, XLR 3.7 kΩ
Output Impedance	0.3 Ω at 1kHz
Gain	26dB
Frequency response	20Hz-20kHz, -0.1dB
Signal to Noise	20Hz-20kHz unweighted 94 dB
THD + N	< 0,009% (1kHz, 100W, 8 Ω)
Power consumption	Standby: 0.3W Idle: 48W
Dimensions (wxdxh)	430 x 397 x 142mm
Weight	13 kg
Colour options	Black or titanium



### A34.2 TWO-CHANNEL POWER AMPLIFIER

#### A34.2 stereo mode

Output power	2 x 150W / 8 ohm THD+N <0.1%
Inputs	2x RCA / 2x XLR switchable, RS232, trigger (12V)
Input impedance	15kohm RCA/XLR
Output Impedance	0.3ohm at 1kHz
Gain	30dB unbalanced, 26dB balanced
Frequency response	20 Hz - 20kHz, -0.5dB
Signal to Noise	20-20kHz unweighted 105dBV
THD + N	< 0,005% (1kHz, 100W, 8 ohm)
THD + N	<0.02% 20Hz-20Khz (10W 8 ohm)

#### A34.2 bridged mode

Output power	1 x 550W / 8 ohm THD+N <0.1%
Inputs	1x RCA / 1x XLR switchable, RS232, trigger (12V)
Input impedance	15kohm RCA/XLR
Output Impedance	0.6ohm at 1kHz
Gain	30dB unbalanced, 26dB balanced
Frequency response	20 Hz - 20kHz, -0.4dB
Signal to Noise	20-20kHz unweighted 105dBV
THD + N	< 0,004% (1kHz, 100W, 8 ohm)
THD + N	< 0.015% 20Hz-20Khz (10W 8 ohm)

#### Common

Power consumption	Standby: 0.3W, Idle: 24W
Dimensions (wxdxh)	430 x 385 x 105 mm
Weight	10.5 kg
Colour options	Black or titanium



### C24 REMOTE CONTROL

Complete with improved design, feel and functionality, the C24 remote control is the new standard system remote control. It can control amplifiers, preamplifiers, CD-players, BD players, DAC30, NP30 and surround processors.



The sound and vision of Scandinavia



Limstensgatan 7  
216 16 Limhamn  
Sweden  
[primare.net](http://primare.net)