



PRIMARE HOME THEATRE

Transform the quality of your Home Theatre



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

PERFORMANCE TO BELIEVE IN

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

From the awesome award-winning BD32 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 power 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.



BD32 UNIVERSAL PLAYER

Lovers of high quality music and film will be seduced by the BD32, a 3D-capable multi-format/multi-channel Blu-ray, DVD, CD, SACD, DVD-A and media player, beautifully engineered in the style that Primare has made its own. With understated design, exceptional build quality and elite audio and video performance, the BD32 introduces a powerful multi-format player to matching Primare 30 and 20 series systems.

LIFE WITH THE BD32

The BD32 has truly universal playback capabilities. As well as being a wonderful high-resolution Blu-ray, DVD, CD, SACD and DVD-A player, it can reproduce music, video, and picture files from a wired network (also Wi Fi using an external USB dongle supplied), and USB or eSATA (external Serial Advanced Technology Attachment) devices. It will play any audio format or convert it to PCM for D/A conversion elsewhere. Whatever the entertainment, Primare's BD32 will reveal it more vividly than before.

In upgrading to the BD32 you'll enjoy the unity of superior design, material specification and functional simplicity for which Primare is world renowned. Its heavy gauge steel chassis, available in brushed black or titanium, has a reassuring weight and solidity, which transmits an immediate impression of great quality. A clear and dimma-

ble OLED display allows easy control from the Primare C24 system remote. Control from home automation systems or over additional components like home theatre projectors and screens is performed through the BD32's RS232 and trigger connections.

The BD32 has been designed to be the only player you'll ever need, so we've made the upgrade process intuitive. On initial set-up, and connected to the internet via its LAN port, the BD32 will automatically download the latest software from the Primare website. Further upgrades are easily completed via the set-up menu.

For the perfect union of sound and picture performance with design style to match, get the BD32 working with the SP33 and A30.7 or the SPA23 and A34.2. All models are available in black or titanium.



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, five HDMI inputs (with 3D 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. Upscale the video from all HDMI inputs to FullHD1080P/24 with 3D video pass-through, and for stunning video results on any display, optimise output settings per input to either HDMI output. 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 Primare BD32 universal player, and add the Primare A34.2 2-channel power amplifier for full seven channel surround.



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.



SP33 AUDIOPHILE AV PROCESSOR

Featuring no fewer than five 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 SPA33

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 personalise 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 board will allow the upscaling of all video sources to FullHD 1080p/24 with 3D video pass-through, as well as 'per input' calibration of the two 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 universal player for the ultimate statement of home entertainment luxury from Primare.



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.

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	5 HDMI
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)
Zone2 Output	1 RCA (left and right)
Digital Output	1 RCA, 1TOS-Link
Video Output	2 HDMI
Zone 2	1 RCA (left and right)
Upscaling	1080p/24
Modes	Stereo, Bypass, Party, Dolby Prologic IIx Music, Dolby Prologic IIx Movie, DTS NEO:6 MUSIC, DTS NEO:6 CINEMA
Decoding Formats	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 HD Master Audio, DTS HD High Res audio, MULTI/2 CH PCM/LPCM
Sampling rates	32KHz,44.1KHz,48KHz, 88.2KHz,96KHz,192KHz
Video	HDMI with HDvideo pass-tru with 3Dpass and HDMI OSD
Other out-/inputs	1 IR Input, 3 12v outputs (triggers), 1 RS232, Fully stabilized SMPS
Power Consumption operate	800W at 1K, 8R, 120W all channels driven

Analog 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%, 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



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	5 HDMI
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)
Zone2	1 RCA (left and right)
Digital Output	1 RCA, 1TOS-Link
Video Output	2 HDMI – individual settings
Modes	Stereo, Bypass, Party, Dolby Prologic IIx Music, Dolby Prologic IIx Movie, DTS NEO:6 MUSIC, DTS NEO:6 CINEMA

Decoding Formats

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

Sampling rates

32KHz,44.1KHz,48KHz, 88.2KHz,96KHz,192KHz [AES/EBU]

Video

HDMI with HDvideo pass-tru and with 3Dpass and HDMI OSD OSD

Upscaling

1080p/24

Other out-/inputs

1 IR Input, 3 12v outputs (triggers), 1 RS232

Power Consumption operate

<60W

Analogue Pre amp 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



BD32 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 and 1 pair RCA both 4,3Vrms, 1 multichannel 7.1 RCA input
Digital outputs	1x SPDIF (RCA); 1x AES/EBU (XLR); 1x optical (TOSLINK)
Inputs	USB, LAN, e-Sata, IR in/out 3.5mm; RS232; Trigger in/out 3.5mm
D/A converter	Crystal DSD DAC CS4398
Output impedance	RCA 1000hm; XLR 110ohm
Power consumption	Standby 0,5W, Idle 50W, Operation 60W
Dimensions (wxdxh)	430 x 375 x 106 mm
Weight	10,5 kg
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

Product specification 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)

Product specification 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 (wxhxd)	430 x 385 x 105 mm
Weight	10.5 kg
Colour options	Black or titanium

C24 REMOTE CONTROL

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PRIMARE

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Situated in Malmo, Sweden, home to Primare, the 'Turning Torso' is the tallest skyscraper in Scandinavia and a residential building reaching 190 metres (623 feet) in height.