

P 6 2.1 Channel Halo Preamplifier & DAC

P 6
UVP / Stk
2.399,00



New Features (Changes from the P 5):

- ESS Sabre32 DAC replaces the original Burr-Brown DAC
- USB input is now capable of DSD & 384kHz/32-bit PCM (up from 96kHz/24-bit)
- Burr-Brown analog resistor ladder volume control
- Dimmable front panel volume display
- Updated USB receiver is Plug & play with Win 10
- An additional optical input (2 total)
- Ball bearing supported solid aluminum volume knob
- Programmable default turn on volume setting
- Favorite volume memory with remote control button
- Increased phono stage gain for lower output cartridges
- Improved channel separation and balance tracking
- Updated cosmetics with subtle gold highlights

Preamp and DAC Features:

- Asynchronous USB supports PCM up to 384kHz/32-bit
- USB input decodes Native DSD256 and DoP DSD
- Coax & optical inputs accept PCM up to 192kHz/24-bit
- Analog bass management with high/low pass crossovers
- Bypass input for surround sound integration
- Front panel subwoofer level control
- Dedicated high current headphone amplifier
- Phono input for MM or MC with 100 Ω or 47k Ω load
- Front panel Aux input with automatic +12 dB gain stage
- 5 pairs RCA line level inputs, 1 pair XLR balanced input
- Balanced XLR and RCA left and right preamp outputs
- 1 balanced XLR and 2 RCA subwoofer outputs
- Bass & treble controls with relay bypass from remote
- Rear panel IR input and IR loop output jacks
- 12 Volt trigger output
- Back-lit remote control with discrete buttons



Specifications

Frequency Response

10 Hz - 100 kHz, +0/-3 dB
 20 Hz - 20 kHz, +0/-0.5 dB

Total Harmonic Distortion (THD)

< 0.01 %

Interchannel Crosstalk

> 70 dB at 20 kHz
 > 78 dB at 1 kHz

Preamplifier Stage Input Sensitivity

300 mV in for 1 V
 Total Gain: 10 dB
 Max Output: 7.5 V

S/N Ratio - Line Inputs 1- 5

> 108 dB (shorted, IHF A-weighted)
 > 88 dB (shorted, unweighted)

S/N Ratio - DAC Inputs

> 108 dB (IHF A-weighted)
 > 88 dB (unweighted)

S/N Ratio - Phono Input

MM > 80 dB (shorted, IHF A-weighted)
 MM > 70 dB (shorted, unweighted)
 MC > 67 dB (shorted, IHF A-weighted)
 MC > 55 dB (shorted, unweighted)

Phono Stage Sensitivity / Input Impedance

MM: 38 dB / 47 k Ω
 MC: 52 dB / 47 k Ω or 100 Ω

Input Impedance

Unbalanced: 24 k Ω
 Balanced: 100 k Ω per leg

Preamplifier Output Impedance

Unbalanced: 100 Ω
 Balanced: 470 Ω per leg

High & Low Pass Crossover Slope

12 dB per octave

Supported DAC Sampling Rates

USB: up to 384 kHz / 32-bit PCM
 DSD Native: DSD 64, DSD 128, DSD 256
 DSD over PCM (DoP) at 384 kHz

Coax/Optical: up to 192 kHz / 24-bit PCM

Digital to Analog Converter

ESS Sabre³² Reference ES9018K2M
 384 kHz / 32-bit

USB 2.0 Controller

Savitech SA9227, 384 kHz / 32-bit

Headphone Amplifier

Texas Instruments TPA6120A
 Output Impedance 10 ohms

XLR Pin Identification

1 = Ground (Shield)
 2 = Positive
 3 = Negative (Return)

Dimensions

Width: 17-¹/₄" (437 mm)
 Depth: 15" (381 mm)
 Depth, with cables 17" (432 mm)
 Height, with feet: 4-¹/₈" (105 mm)
 Height, without feet: 3-¹/₂" (89 mm), 3U

Net Weight

14 lb. (6.3 kg)

Shipping Weight

21 lb. (9.5 kg)

Power Requirement

Standby: 0.5 watts
 Power On: 15 watts
 100-250 VAC 50/60 Hz (automatic)