



AUDIO AMPLIFIERS



TUBE HYBRID AMPLIFIER 160W BLUETOOTH®


 Bluetooth
**PREAMP VACUUM-TUBES**

Process the input signal to give a classic tube audio warmth to the sound. With Bass & Treble controls.

POWER AMP TRANSISTORS

Premium audio quality Class-AB output with high power to drive any modern full-sized speaker system

FLEXIBLE INPUT OPTIONS

Supports audio input from analogue RCA (x2) Digital Coaxial or Optical DAC, Bluetooth V5.0, USB Stick Media Player or USB from PC.

With impressive sound quality by combining tubes with solid-state Class-AB, packaged in an attractive brushed aluminium enclosure, the ADHA160BT is a modern classic from analogue and digital inputs to the powerful 80Wrms output.

SERIES MODELS

DSP CONTROLLED DAC WITH REMOTE CONTROL
USB DAC - STREAMING FROM WIN PC

The new Accento-Dynamica hybrid amplifier is a German designed HiFi unit that uses both tubes and solid-state. The tube circuits are exclusively used in the pre-amp section to give your audio that classic tube sound that generally softens today's digital sources giving a warmer, more emotional audio experience while listening in the soft glow of the tubes. The output stage is classic Class-AB for improved speaker driving quality and accurate analogue sound. Transistors are used in the output stage because they can generate more power with less heat and reliability issues. Large, dual toroidal transformers in the power supply are used for greater performance with ample power to drive any modern speaker system. The ADHA160BT gives you the best of both worlds in sound and technology while appearing very impressive in the brushed aluminium enclosure that looks truly like classic audio with analogue VU power meters and old-school LED display. Bass and treble controls are included plus a remote control for volume, source select and control of the media player. The unit has two RCA inputs for DVD and CD plus Digital inputs with Coaxial or Optical Toslink. Built-in USB audio player (supports MP3, WAV, APE, FLAC with Play/Pause/FF/REW). The USB can also be connected to a PC for streaming audio playback. Bluetooth V5 audio input for wireless audio streaming from a phone or tablet, etc. There is also Pre-Amp output (post tubes and volume) to Main Amp Input with RCA Connections. The unit comes with 4mm / bare-wire speaker connectors for 4 to 8 ohm speakers, plus there is an RCA line-level output for an external active subwoofer if desired. With impressive sound quality, high power, digital audio connections, all in an attractive enclosure, the ADHA160BT is a modern classic.

- Tube Preamplifier with 7 Valves
- Class-AB power amp with 8x Transistors
- High output of 80Wrms (4 ohm) 2% THD
- 20Hz to 20KHz, SNR 90dB
- DSP DAC 44.1-192KHz 24 bit
- USB Input (PC) standard drivers
- USB stick MP3, WMA, FLAC player
- Coax and Toslink Optical Inputs
- Bluetooth® V5.0 up to 250m
- Two line-level stereo RCA inputs
- Bass and Treble controls
- Tube-pre out to Main amp input
- 2.1 with single RCA subwoofer out
- Temperature controlled fan
- Remote control Volume & Source
- Old school LED display
- Dual analogue VU meters
- Two heavy-duty toroidal transformers
- Brushed aluminium enclosure
- 330(d)x315(w)x165(h)mm 7.3Kg



Product Code	ADHA160BT
Power Output	80Wrms x2 (4 ohms)
Total Harmonic Distortion	<2% @ 80W per channel
Minimum Speaker Impedance	4 ohm
Frequency Response	20-20000Hz, ±1dB
Channel Separation	83dB
Dynamic Range	>85dB
Signal to Noise Ratio	>90dB

Preamplifier Tube	6U1 x2, 6A2 x2, 6H2 x2, WY-3P x1
Subwoofer Output	RCA Single Line Level Output (2Vmax) Low Pass 100Hz 12dB/Octave
Bluetooth Version	5.0 (AAC, SBC)
USB Supported File Type	Supports MP3, WAV, APE, FLAC with Play/Pause/FF/REW
Input Impedance	47k ohm
Input Sensitivity	550mV
Dimensions	330(d)x315(w)x165(h)mm
Weight	7.3kg

TUBE HYBRID AMPLIFIER 90W BLUETOOTH®



**PREAMP VACUUM-TUBES**

Process the input signal to give a classic tube audio warmth to the sound. With Bass & Treble controls.

POWER AMP TRANSISTORS

HiFi sound Class-AB output with ample power to drive any modern bookshelf or tower speaker system

FLEXIBLE INPUT OPTIONS

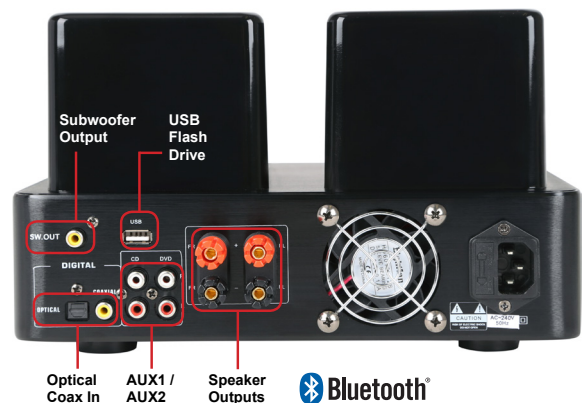
Supports audio input from analogue RCA (x2) Digital Coaxial or Optical DAC, Bluetooth, or USB Stick Media Player

SERIES MODELS

**4 TUBE PREAMP / 45WRMS CLASS-AB TRANSISTOR AMP
BLUETOOTH / USB / DIGITAL & ANALOGUE INPUTS**

The Accento-Dynamica hybrid amplifier is a German designed HiFi Amplifier with a high quality sound for a low price that is ideal for running modern, good quality, full sized speakers. Compact dimensions, fine design and of course great sound, the unit has 2 RCA inputs for DVD and CD, Digital inputs with Coaxial or Optical Toslink. The Bluetooth V4.2 signal reception as well as the built-in USB audio player (supports MP3, WAV, APE, FLAC with Play/Pause/FF/REW) for modern connectivity and playback. The unit comes with 4mm speaker outputs for 4/8 ohm speakers, plus an RCA line-level output for an external active subwoofer if desired. There are four visible tubes, which process the signal input and give a classic tube audio warmth to the sound (<0.1%THD) with metal chromium finger guards. The power amplifier stage is a premium Class-AB true discrete (all transistors only) design for a classic high-end analogue audio sound. The inbuilt power supply is transformer based, not switch-mode, for better low-noise audio. Built into a medium sized brushed-aluminium enclosure, it has an attractive appearance to adorn your desktop or bookshelf with excellent sound quality when matched with some high-end compact or full-sized speakers.

- Audiophile quality sound, German design
- True discrete transistor power amplifier
- 45Wrms (x2) 4Ω Class-AB transistor output
- 6U1 x2 6F2 x2 preamplifier pentode tubes
- Less than 0.1% THD @ 40Wrms (x2)
- Transformer power supply (not SMPS)
- Rear mounted RCA type inputs x2
- Digital Coax & Toslink Inputs
- Bluetooth 4.2 with internal antenna
- USB Memory stick playback
- RCA mono subwoofer output
- Brushed aluminium housing, metal knobs



Product Code	ADHA90BT
Power Output	45Wrms x2 (4 ohms)
Total Harmonic Distortion	<0.1% @ 40W per channel
Minimum Speaker Impedance	4 ohm
Frequency Response	20-20000Hz, ±2dB
Channel Separation	50dB
Dynamic Range	>80dB
Signal to Noise Ratio	>90dB

Preamplifier Tube	6U1 x2, 6F2 x2
Subwoofer Output	RCA Single Line Level Output (2Vmax) Low Pass 100Hz 12dB/Octave
Bluetooth Version	4.2
USB Supported File Type	Supports MP3, WAV, APE, FLAC with Play/Pause/FF/REW
Input Impedance	47k ohm
Input Sensitivity	250mV
Dimensions	270(d)x293(w)x167(h)mm
Weight	5kg

TUBE HYBRID AMPLIFIER 24W BLUETOOTH® 12W Speaker & Headphone Amplifier



PREAMP VACUUM-TUBES
Process the input signal to give a classic tube audio warmth to the sound

POWER AMP TRANSISTORS
Efficient, durable and compact, Class-AB output to drive any modern desktop/bookshelf speaker system. Headphone output for private listening.

FLEXIBLE INPUT OPTIONS
Supports audio input from analogue RCA (x2) Bluetooth or USB Stick Media Player

SERIES MODELS

TUBE PREAMP & 12W CLASS-AB TRANSISTOR AMP WITH BLUETOOTH & USB PLAYER

The compact Accento-Dynamica hybrid amplifier is a German designed HiFi mini-amp with a high quality sound for a low price that is ideal for running modern, good quality, compact speakers. Compact dimensions, fine design and of course great sound, the unit has 2 RCA inputs for tuner, CD or Media player. The Bluetooth V4.2 signal reception as well as the built-in USB audio player (supports MP3, WAV, APE, FLAC with Play/Pause/FF/REW) for modern connectivity and playback. The unit comes with 4mm speaker outputs for 4/8 ohm speakers as well as headphones 3.5mm, plus an RCA line-level output for an external active subwoofer if desired. There are two visible 6F2 tubes, which process the signal input and give a classic tube audio warmth to the sound (<0.1%THD) with Perspex finger guard, blue LED lit. The power amplifier stage is a premium Class-AB true discrete (all transistors only) design for a classic high-end analogue audio sound. The inbuilt power supply is transformer based, not switch-mode, for better low-noise audio. Built into a sleek brushed-aluminium enclosure, it has an attractive appearance to adorn your desktop or bookshelf with excellent sound quality when matched with some high-end compact speakers.

- Audiophile quality sound, German design
- True discrete transistor power amplifier
- 12Wrms x2 (25Wmax.) into a 4ohm load
- Dual 6F2 preamplifier pentode tubes
- Less than 0.1% THD @ 12W
- Transformer power supply (not SMPS)
- Rear mounted RCA type inputs x2
- Bluetooth 4.2 with external antenna
- USB Memory stick playback
- Doubles as a headphone amplifier
- RCA mono subwoofer output
- Brushed aluminium housing, metal knobs



Product Code	ADHA24BT
Power Output	12Wrms x2 (4 ohms) 25Wmax x2
Total Harmonic Distortion	<0.1% @ 12W per channel
Minimum Speaker Impedance	4ohm
Frequency Response	20-20000Hz, ±2dB
Channel Separation	65dB
Dynamic Range	>80dB
Signal to Noise Ratio	>80dB

Preamplifier Tube	6F2 x2
Headphone Amp Output	15mW @ 600ohms; 11mW @ 300ohms; 7.8mW @ 32ohms; 5.6mW @ 16ohms
Bluetooth Version	4.2
USB Supported File Type	Supports MP3, WAV, APE, FLAC with Play/Pause/FF/REW
Input Impedance	47k ohm (min)
Input Sensitivity	300mV
Dimensions	235x155x110mm
Weight	2kg

ACCENTO DYNAMICA CLASS-D AMPLIFIERS

CLASS D AMPLIFIERS

These Class D amplifiers are designed to produce excellent quality in sound. They are quite compact and yet still deliver clear and vibrant audio that compares to larger high quality linear amplifiers. Ideal for home or desk-top, these amplifiers offer a modern contemporary practical function.

Three options are available in 2x15W, 2x20W and 2x30W models to suit different applications.



ADA30

ADA40
Optional Bluetooth

ADA120

SOLD WITH POWER PACKS

SERIES MODELS

COMPACT 2x15W STEREO AMPLIFIER CLASS-D

Don't let the compact size fool you; the ADA30 amplifier has the heart of a serious performer. Inside is a proprietary Class D amplifier circuit, designed to create more efficient and higher quality audio amplification using digital signal processing. The ADA30 is remarkably affordable, yet still delivers a crisp, vibrant signal that compares to most high-quality linear amplifiers. Perfect for home or at play applications as the unit operates on batteries for portable use or the included mains power adaptor can be used to power the ADA30 for indoor use.

- Palm-size Class-D 30 watt amplifier
- Battery option for portability (6x AA)
- Includes AC powered power supply
- 90% Amp efficiency for longer battery life
- Superior sound quality for a mini-amplifier
- Blue LED and Volume with power switch
- Soft turn-on eliminates speaker pop
- CE and RoHS rated design
- Intelligent short-circuit protection
- Intelligent over-temperature protection
- Connects to any passive 4/8Ω speakers
- 3.5mm standard audio line stereo input



Code	ADA30
Power	2x 15Wrms
Input	2x RCA
Output	4-wire signal output. Bare-wire or 4mm
Vmin	12Vdc
Freq.	20Hz - 20kHz
Noise	102dB
Weight	225g
Dimensions	150x50x90mm

COMPACT 2x20W STEREO AMPLIFIER CLASS-D

The compact size of the Accento Dynamica ADA40 makes it an ideal choice for small areas with limited space or for those looking for a cleaner audio environment. This amp is remarkably compact, yet still delivers crisp, vibrant sound comparable to much larger amplifiers. Centred on the TDA7492PE, this Class-D amplifier is highly efficient while delivering deep bass and an expanded sound stage to the listener., Includes 240Vac Power Pack.

- Class D amp maximizes fidelity and efficiency
- Your music sounds its best in a convenient compact package
- Simple operation with an on/off switch & volume control knob
- All metal case black anodised extruded aluminium rubber feet
- RCA Stereo line level gold-plated input
- Bare-wire or 4mm speaker connection terminals
- Includes 15 VDC, 2.0A power supply for optimum performance
- Highly efficient operation with realistic audio sound stage



Code	ADA40	ADA40BT
Power	2x 20Wrms	
Input	1x RCA(L/R)	1x RCA(L/R), Bluetooth
Output	Speaker Wire Bare-end or 4mm	
Vmin	15Vdc	
Freq.	20Hz - 20kHz	
Noise	103dB	
Weight	320g	
Dimensions	90x40x120mm	

COMPACT 2x60W STEREO AMPLIFIER CLASS-D

The small and powerful Accento Dynamica ADA-120 Class D amplifier installs virtually anywhere. It produces big-amp sound while occupying minimal space on your desk or A/V cabinet. The compact size makes it an ideal choice for small areas with limited space or for those looking for a cleaner audio environment, yet still delivers crisp, vibrant sound comparable to bulky power amplifiers. This unit features the STA508 chipset that provides 60 watts of continuous power per channel (120 Watts total) into a 4 ohm load and 40 watts into an 8 ohm load.

- Front-mounted gold-plated 3.5mm input and rear gold-plated RCA inputs
- Quad mini gold-plated binding posts accept bare wire or banana plugs
- 6.35mm Headphone gold-plated output socket
- Compact extruded aluminium heat sink enclosure
- Thick, stylish black-anodized aluminium face plate
- Simple controls: Volume pot with Off position
- Short circuit, thermal, and overload protection



Code	ADA120
Power	2x 60Wrms
Input	2x RCA
Output	4-wire signal output. Bare-wire or 4mm
Vmin	24Vdc
Freq.	20Hz - 20kHz
Noise	103dB
Weight	540g
Dimensions	50x86x160mm