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HIGH QUALITY, HIGH TASTE, HIGH TECHNOLOGY



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PRODUCT CATALOGUE



COMPANY INTRODUCTION

Founded in 1992, Guangzhou Tonewinner Audio have been specialized in audio industry for over 30 years. We have been always focusing on designing and manufacturing audio products, and have rich experiences in subdivisions of audio industry, such as Hi-Fi audio, High End home theater multichannel audio, TV Soundbar audio and portable mini wireless speakers.

As a professional audio designer, Tonewinner has a professional and experienced R & D team that can offer comprehensive services, which includes hardware, firmware, industry design and mechanic designs. We are also a signed ODM manufacturer for Dolby Atmos and D T S: X, our home theater products support Dolby Vision, H D R 10+ video signal. Our R & D team gains many design patents every year, and Tonewiner was awarded as High Technology Enterprise by the local government.

As a long history audio products manufacturer, ToneWinner got I S O 9 0 0 1 certificates since 1995. Now it has about 15,000 square meters factory area, 9 modern production lines, independent dust-free SMT workshops and advanced production equipments. Tonewinner offers customers products with good quality, stability, durability and low defective rate, and owns high customer satisfaction from North America, Europe, Australia, Canada and Asia etc.

Guangzhou Tonewinner audio can bring you one station services of OEM development, OEM purchasing and factory production. And we are looking for distributor cooperation in oversea countries, welcome to contact us!

PRODUCT CATALOGUE

HI-FI Amplifier and Player.....	03
AV Home Theater Series.....	13
HiFi Speakers	21
Subwoofer	25
Soundbar Series	27
Bluetooth Wireless	33
Media Speakers	35
Karaoke	37
Cables and Accessories.....	41

Tonewinner Flagship Hi-Fi Product

AD-1PRE+/AD-1PA



HI-FI AMPLIFIER

AD-1PRE+/AD-1PA PREAMPLIFIER AND AMPLIFIER

Preamp Features:

- 3 way Analog inputs: 2 way unbalance(AUX,CD),and 1 way balance.
- 5 way digital inputs: OPT1 ,OPT2, COAX1, COAX2, USB.
- Analog outputs: 2 way unbalance, 1 way balance.
- DAC chip: ESS9038Q2M(ESS company,USA).
- Supports Phono MM and MC.
- Supports DSD decoding, USB input max support to DSD512.
- I/V switch circuit opamp: OPA1632(TI company), and Bal to Unbal switch circuit opamp: OPA1612(TI company).
- Analog Digital volume chip: MUSES72320(JRC company).
- Analog power supply .
- Support formats: CD, HDCD, SACD(CD Player), MP3, WMA.

Amp Features:

- Class A amplifier adopts full balance full symmetry circuit design differential input to differential BTL (bridge) power output.
- Power of the amp circuit can switch high/low voltage automatically. ~110V/~220V power auto switch .
- 1200W toroidal transformer and up to 180,000uF capacitors.
- Perfect amp protecting circuits (short protect/ overheat protect and DC protect)
- Class A and Class AB auto (manual) switch.
- Class A/ClassB/ClassAB amplifier output modes.
- Mechanical chassis design with independent and shield cabinets for power supply and amplifier modules, to keep low interference and low distortion.

Preamp Parameters:

Frequency response: 20HZ-150KHZ(+1/-3dB)

SN: ≥ 108 dB(A weight)

THD: $\leq 0.005\%$ (1k HZ)

Power supply: ~110V/60HZ

~220V/50HZ

N.W: 10.2KGS

G.W: 12.6KGS

Packing Size: 444x108x420mm (W x D x H)

Amplifier Parameters:

SN: ≥ 108 dB(A weighted, bal input)

≥ 115 dB(A weighted, unbal input)

THD: $\leq 0.008\%$ (1KHz)

Frequency response: 10HZ-100KHZ(+1/-3dB)

Gain: 29.5dB+/-1dB

Power: 2x300W (8 Ω)

Impedance: 8 Ω

Standby power consumption: ≤ 1 W

Power supply: ~110V/60HZ; ~220V/50HZ

N.W: 43.4KGS

G.W: 50.2KGS

Packing Size: 616x606x446 mm(W x D x H)



AD-2PRO+ HI-FI INTEGRATED CLASS A AMPLIFIER

Product Features:

- Class A amplifier circuit design, adopts full balance full symmetrical, differential input to differential BTL (bridge) power output.
- Amplifier circuit use imported audio power tubes, current output capacity up to 72A.
- 1pcs 860W high quality toroidal transformer and up to 144,000uF customize capacitors. Both the preamp part and the power amplifier part have independent power supplies.
- Aluminum metalwork design with aluminum remote control.
- Microcomputer intelligent control system.
- Auto and manual switch for Class A/Class AB mode, and perfect amp protecting circuits.
- Perfect sound quality, huge sound field and precise positioning.
- Supports Phono MM and MC.
- Supports DSD decoding, USB input max support to DSD512.

Parameters:

Frequency response: 15HZ-95KHZ(+1/-3dB)
 SN: ≥100dB(A weighted)
 Power output: 2X200W (8Ω, THD=1%, 1KHZ)
 N.W: 35.9KGS
 Packing Size: 614x604x407 mm(W x D x H)

THD: ≤0.05% (1KHz)
 Gain: 39dB 1dB
 Power supply: ~110V/220V
 G.W: 41.8KGS



AD-3PRO+ HI-FI INTEGRATED CLASS A AMPLIFIER

Product Features:

- Class A amplifier circuit design, adopts full balance full symmetry, differential input to differential BTL (bridge) power output.
- Amplifier circuit use 24 pcs Japan audio power tubes & the current output capacity is up to 30A per channel.
- Aluminum metalwork design with aluminum remote control.
- Microcomputer intelligent control system, precise dynamic dot matrix display screen.
- Auto and manual switch for Class A/Class AB mode and perfect amp protecting circuits
- Perfect sound quality, huge sound field and precise positioning.
- Supports high sample rate 24bit/192Khz highend DAC decoding chip, jitter distortion is nearly 0.
- Supports Phono MM and MC.
- Supports DSD decoding, USB input max support to DSD512.

Parameters:

Frequency response: 15HZ-95KHZ(+1/-3dB)
 SN: ≥100dB(A weighted)
 Power output: 2X150W (8Ω, THD=1%, 1KHZ)
 N.W: 24.2KGS
 Packing Size: 614x604x379 mm(W x D x H)

THD: <0.05% (1KHz)
 Gain: 40dB 1dB
 Power supply: ~110V/220V
 G.W: 30.9KGS

CD PLAYER



TY-I30 DIGITAL MEDIA PLAYER

Product Features:

- Support bluetooth and WiFi wireless connections.
- Built-in media player, support 128G TF card and USB disk local play.
- Support audio formats : WAV, flac, AAC, DIFF, APE, MP3, WMA, &PCM.
- 4"color LCD display, file management can set song files, max. it can set 9 layers.
- OPT and COAX 192Khz/24Bit PCM digital stream inputs and outputs.
- Inputs: WIFI, BT, COX, OPT, Micro SD and U disk.
- Digital outputs: 1 COX and 1 OPT, can connect to amplifier, CD player to transmit digital signals.
- Analog outputs: 1 way balance and 2 way unbalance.

Parameters:

Frequency response: 20HZ-65KHZ(+1/-3dB)
THD: $\leq 0.008\%$ (1KHZ)
SN: $\geq 102\text{dB}$ (A weighted)
Output level: 2Vrms+/- 1.5dB (1KHZ)
Power consumption: 8W (0.5W standby)
Power supply: ~100V-240V
Size: 444X103X294 mm
G.W: 4.8KGS



TY-1CD CD PLAYER

Product Features:

- Analog outputs: 2 way unbalance, 1 way balance Digital outputs: opt, coax, AES/EBU.
- Read CD, HDCD, SACD (CD layer), MP3, WMA.
- DAC chip: ESS9028Q2M (ESS company, USA)
- High precision clock module : CS2000 (Cirrus Logic, USA)
- Full differential opamp: OPA1632; bal to unbal switch circuit opamp: OPA1612.
- 50W toroidal transformer and ELNA big filter capacitor.
- Mechanical chassis design with independent and shield cabinets, to keep low interference and low distortion.
- Linear analog power supply and multi channels precise regulated power supply to guarantee sound quality, it uses separate power supply for digital/analogue circuit.

Parameters:

THD: $\leq 0.005\%$ (1k HZ)
SN: $\geq 108\text{dB}$ (A weighted)
Frequency response: 20HZ-20KHZ (+0/-1dB)
Unbalance: $\leq 1\text{dB}$ (1k HZ)
Output voltage: 2V+/-1dB (1KHz)
Power voltage: ~110V/~230V
N.W: 10.7KGS
Size: 444x114x410 mm

TY-30 CD PLAYER



Product Features:

- Can play CD, HDCD, MP3 and WMA formats discs.
- Inputs: OPT, COAX and CD discs.
- Outputs: OPT, COAX, ANA
- Classical CD Player with high quality components:
 1. Customized stable Mechanism
 2. DSP chip: AD-1955
 3. Sample rate: 24bit/384Khz
 4. 50W big toroidal transformer
 5. Opamp chip: OPA-2134
 6. Separated shielded cabinets for different parts
 7. Full balance differential circuit design

Parameters:

THD: $\leq 0.002\%$ (1k HZ)
Unbalance: $\leq 1\text{dB}$ (1k HZ)
SN: $\geq 108\text{dB}$ (A weighted)
Frequency response: 20HZ-20KHZ(+0/-1dB)
Output voltage: 2V+/-1dB (1KHz)
N.W: 8.3KGS
G.W: 10KGS
Size: 444x370x102 mm

TY-50 CD PLAYER



Product Features:

- Can play CD, HDCD, MP3 and WMA format discs.
- Abundant Inputs: CD, U disk, TF card, BT, APP, OPT, and COAX.
- Outputs: OPT, COAX, ANA
- Classical CD Player with high quality components:
 1. Customized stable Mechanism
 2. DSP chip: AD-1955
 3. Sample rate: 24bit/384Khz
 4. 50W big toroidal transformer
 5. Opamp chip: OPA-2134
 6. Separated shielded cabinets for different parts
 7. Full balance differential circuit design

Parameters:

SN: $\geq 108\text{dB}$ (Aweighted)
Frequencyresponse: 20HZ-20KHZ(+0/-1dB)
THD: $\leq 0.005\%$ (1kHz)
Crosstalk: $\geq 90\text{dB}$ (1KHZ)
Output voltage: 2V \pm 1.7dB (1KHZ)
Unbalance: $\leq 1\text{dB}$ (1KHZ)
Power voltages: $\sim 110\text{V}/220\text{V}$
N.W: 7.6KGS
G.W: 9.5KGS
Packing Size: 544x491x185 mm(W x D x H)

AV HOME THEATER SERIES—AVRS



AT-3000 Dolby Atmos/DTS:X 11.2 Audio Video Receiver

Parameters

Model: AT-3000

Rated impedance: 8Ω

Rated power output:

L/R/C: 240w Rms/8Ω (THD=1%, 1CH driven, 1kHz),
other channels: 120W Rms/8Ω (THD=1%, 1CH driven, 1kHz)

Distortion: ≤0.03% (A-weighted, pure mode, 1kHz)

Frequency response: 10Hz-50kHz(+/-1-3dB, pure mode)

Gain: ≥38dB (pure mode)

SN: ≥95dB (A-weighted, pure mode)

Power: AC110-115V~/60Hz or AC 220-230V~/ 50Hz

N.W.: 22.1KGS

G.W.: 25KGS

Unit size: 431*439*218mm

Product Features:

- Support Dolby Atmos, Dolby True HD and all backward Dolby audio formats.
- Support DTS:X, DTS-Master and all backward DTS audio formats.
- Support HDMI 2.1, HDCP 2.2.
- Support 4K/60Hz, RGB4:4:4, 18GHz bandwidth HD video signal.
- Support Dolby vision and HDR 10 video signal.
- Support 7.3.6 and 9.3.4 decoding output.
- Auto testings and compensations for Room EQ, speaker distance, delay and sound pressure. One button control, full auto calibration. Support manual adjustments, too.
- Built-in digital Bluetooth audio receiver.
- Built-in music playing device; support multi-level folder arrangement of music files from TF card & USB disk; support lossless & compressed audio formats including FLAC, APE, WAV, MP3, etc.
- Support smart phone App control.
- OSD layer menu.
- Synchro-reading and display of music lists on mobile phone and TV.
- Support speaker configurations from 2.0 to 9.1.4.
- HDMI 6 in 2 out, 2 way coaxial, 2 way optical and 4 way analog inputs.
- Built-in 11 channels amplifiers, L/RIC: 240w (8Q), other channels: 120W (8Q) Big power Hi-Fi amplifier design can drive 7.1.4 speaker configuration.
- Support RS232 protocol.
- HDMI eARC and CEC.
- Maximum 1000ms lip-sync adjustment.
- Support Dolby vision and HDR 10 video signal.
- 5 to 11 band parameters EQ for each channel.
- Independent EQ settings and parameter storage for each input channels.
- Support audio-video matrix subgroup output.
- Dual-core DSP from ADI company.

AV HOME THEATER SERIES—AVRS



AT-2900 Dolby Atmos/DTS: X 7.1 Audio Video Receiver

Product Features:

- Support Dolby Atmos, Dolby True HD and all backward Dolby audio formats.
- Support DTS:X, DTS-Master and all backward DTS audio formats.
- Support Dolby Vision and HDR 10 video signal.
- Support 4K/60Hz, RGB4:4:4, 18GHz bandwidth HD video signal.
- Support HDMI2.1, HDCP2.2.
- HDMI 6 in 2 out, 2 way coaxial, 2 way optical and 4 way analog inputs.
- HDMI eARC and CEC.
- Support RS232 protocol.
- 14 channels decoding and three subwoofer outputs to achieve 2.0 to 7.3.6 or 9.3.4 speaker placement.
- Independent volume control for each channel including subwoofers.
- Auto EQ room testing and compensation of speaker distance, delay & sound pressure.
- Independent EQ settings and parameter storage for each input channels.
- Built-in digital Bluetooth audio receiver.
- Built-in music playing device; support multi-level folder arrangement of music files from TF card & USB disk; support lossless & compressed audio formats including FLAC, APE, WAV, MP3, etc.
- Support original App control.
- Support OSD layer menu.
- Synchro-reading and display of music lists on mobile phone and TV.

Parameters

Decoding: 14 channels
 Impedance: 8Ω
 Gain: ≥38dB
 Distortion: ≤0.05%
 SN: ≥95dB (A-weighted, analog direct)
 Frequency response: 10Hz-20kHz (+1/-3dB, analog direct)
 Rated power consumption: 120W Rms/8Ω (THD=1%, 1 channel driven, 1kHz)
 Power:
 AC ~110~115V/60Hz or AC ~220~230V/50Hz
 N.W.: 15.8KGS
 G.W.: 18±0.5KGS
 Size: 431×178×406mm (W×H×D)



AT-2700 Dolby Atmos/DTS: X 7.1 Audio Video Receiver

Product Features:

- Support Dolby Atmos, Dolby True HD and all backward Dolby audio formats.
- Support DTS:X, DTS-Master and all backward DTS audio formats.
- Support HDMI2.1, HDCP2.2.
- Support 4K/60Hz, RGB4:4:4, 18GHz bandwidth HD video signal.
- Support Dolby Vision and HDR 10 video signal.
- Support 5.1.2 decoding.
- HDMI 4 in 2 out; 1 way coaxial, 1 way optical and 3 way analog inputs.
- Built-in digital Bluetooth audio receiver.
- Built-in 7×120watts (8Ω, RMS) Hi-Fi amplifier to drive 5.1.2 speaker system.
- Support speaker configurations from 2.0 to 5.1.2; support three subwoofers connected.
- Support audio-video matrix subgroup output.
- Support RS232 protocol.
- Support HDMI ARC and CEC.
- Support OSD layer menu.
- Support multi-level folder arrangement of music files from TF card & USB disk; support lossless & compressed audio formats including FLAC, APE, WAV, MP3, etc.
- Synchro-reading and display of music lists on mobile phone and TV.
- Support original App control.
- Auto or manual EQ adjustment, room testing and compensation of speaker distance, delay and sound pressure.
- 5 to 11 band parameters EQ for each channel.
- Independent EQ settings and parameter storage for each input channels.
- Dual-core DSP from ADI company.

Parameters

Decoding: 5.1.2
 Impedance: 8Ω
 Gain: ≥40dB
 Distortion: ≤0.05%
 SN: ≥90dB (A-weighted, direct mode)
 Frequency response: 10Hz-20kHz (+1/-3dB, direct mode)
 Rated power consumption: 120W Rms/8Ω (THD=1%, one channel, 1kHz)
 Power:
 AC ~110~115V/60Hz
 or AC ~220~230V/50Hz
 N.W.: 11.7KGS
 G.W.: 13.8±0.5KGS
 Size: 430×149×391mm (W×H×D)

AV HOME THEATER SERIES — AVRS



AT-2300 Dolby Atmos/DTS: X 7.1 Audio Video Receiver

Product Features:

- Support Dolby Atmos DolbyTrue HD & all the downward audio formats.
- Support DTS:X, DTS-Master & all the downward HD audio formats.
- Support HDMI 2.0 & HDCP2.2.
- Support 4K/60Hz, RGB 4:4:4, 18GHz full bandwidth video signal, support Dolby Vision and HDR 10 video signal.
- Support stacked OSD menu operation display.
- Support 7.1.4 in total 12 channels Atmos decoding lineout output.
- Built-in Karaoke function, & multi-tap DSP mixing processor.
- Built-in auto smart room acoustic testing & compensation for spectral characteristic, loudness of each channel & distances between each channel.
- Built-in Bluetooth audio receiver function.
- Built-in audio player function, support files playing from TF card & USB disk, support several lossless & compressed audio format files playing, such as FLAC, APE, WAV, MP3 & etc; support multi-layer folder management.
- Support smart phone App control.
- Support over 10 kinds of drivers configuration from 2.0 channel to 7.1.4.
- Support HDMI 6 in 2 out, 2 ways coaxial 2 ways optical audio output, 3 ways of analogue audio input.
- Support 5.1.2 channel external mixing input & can add external mixer.
- Built-in 7x150W(8Ω,RMS) Class H high power HiFi amplifier, can drive 5.2 speaker system directly.
- Support RS232 integrated controller.

- Support HDMI ARC, CEC.
- Support as high as 1 second lip sync adjustment.
- Each channel has as many as 7 to 11 band parameters EQ.
- Support audio video signal combine group.
- Use the latest ADI new due core DSP.
- Support input source independent setting & parameters storing function.

Parameters

THD: ≤0.05% (1KHZ)
 SN: ≥90dB (A weight)
 Output power: 7x150W/8Ω
 Gain: ≥40dB
 Channels: 7
 Impedance: 8Ω
 Frequency response: 20Hz-20KHz (+1dB)
 N.W: 14.7kgs
 Power supply: ~110V/60HZ
 ~220V/50HZ
 Unit size: 431 x 408 x179mm (W x H x D)



AT-2000 Dolby Atmos/DTS:X 11.2 Audio Video Receiver

Product Features:

- Support Dolby Atmos, DTS:X, DTS-Master and all the downward HD audio formats.
- Support HDMI 2.0 & HDCP2.2. For HDMI, it supports: 4K, 3D, RGB 4:4:4, ARC, CEC, standby pass through, 18GHz full bandwidth video signal, support Dolby Vision and HDR 10 video signal.
- Support 7.2.4 decoding output, with built-in 11x150W robust power amp output.
- Support HDMI 6 in 2 out, 2 ways of Coaxial inputs, 2 ways of Optical inputs, 3 ways of Analog inputs.
- Support Bluetooth wireless, U disk, TF card, PC audio input.

Parameters

System: 11.2 channels(7+4)
 THD: ≤0.05%(A weight, direct)
 SN: ≥98dB(A weight, direct)
 Frequency response: 10Hz-20KHz(+1/-3dB)
 Power: 160W/CH, 1ch driven, 8 Ω, at ≤0.1% THD.
 Max. no distortion output: ≥160W(8Ω,1KHz,1ch driven)
 Gain: ≥40dB(A weight, direct)
 Rated Impedance: 8Ω
 Power supply: ~110V~115V(60Hz)/220V~230V(50Hz)
 N.W: 22KGS
 G.W: 25KGS
 Packing Size: 550x534x319 mm

AV HOME THEATER SERIES—PROCESSORS

AT-300



Dolby Atmos/DTS: X HD Cinema 16 Channel Processor

Product Features:

- Dolby Atmos, DolbyTrue HD and all downward Dolby audio formats.
- DTS:X, DTS-Master and all downward HD audio formats.
- Support 9.3.4 or 7.3.6 that up to 16 channels Dolby Atmos decoding lineout output.
- HDMI 2.0, HDCP2.2 and HDMI eARC.
- 18GHz full bandwidth video signal, supports 4K/60Hz, Dolby Vision and HDR 10 video signal.
- Stacked OSD menu operation display.
- Built-in auto smart room acoustic testing, and auto compensation for spectral characteristic, channel loudness and channel distances.
- Built-in Bluetooth audio receiver.
- Built-in audio player, support files playing from TF card & USB disk, support several kinds of lossless & compressed audio format files playing, such as FLAC, APE, WAV, MP3 & etc; support multi-layer folder management.
- Support Smart phone App control.
- Over 12 kinds of speaker configurations from 2.0 to 7.3.6.
- HDMI 6 in 2 out, also 2 x COAX, 2x OPT and 4 x ANA inputs.
- Support 5.1 channel external mixing input, and can add external mixer.
- RS232 integrated controller, IR inputs, and Trigger outputs.
- HDMI ARC, eARC, and CEC.
- Max. 1s lipsync adjustment.
- Each channel has as many as 7 to 11 bands parameters EQ.
- Use the latest ADI new dual core DSP.
- Independent settings and parameters storing for input channels.
- Support audio video signal combine group.
- User-defined rename for the input source name.

AT-200



Dolby Atmos/DTS: X HD Cinema Karaoke Processor

Product Features:

- Built-in Karaoke function, & multi-tap DSP mixing processor.
- Support Dolby Atmos DolbyTrue HD & all the downward audio formats.
- Support DTS:X, DTS-Master & all the downward HD audio formats.
- Support 7.2.4 in total 13 channels Atmos decoding lineout output.
- Support HDMI 2.0 & HDCP2.2.
- 18GHz full bandwidth video signal, supports 4K/60Hz, Dolby Vision and HDR 10 video signal.
- Stacked OSD menu operation display.
- Built-in auto smart room acoustic testing, and auto compensation for spectral characteristic, channel loudness and channel distances.
- Built-in Bluetooth audio receiver.
- Built-in audio player, support files playing from TF card & USB disk, support several lossless & compressed audio format files playing, such as FLAC, APE, WAV, MP3 & etc; support multi-layer folder management.
- Support smart phone App control.
- Support over 10 kinds of drivers configuration from 2.0 channel to 7.2.4.
- HDMI 6 in 2 out, also 2 x COAX, 2x OPT and 4 x ANA inputs..
- Support 5.1 channel external mixing input, and can add external mixer.
- Support RS232 integrated controller.
- Support HDMI ARC, CEC.
- Max. 1s lipsync adjustment.
- Each channel has as many as 7 to 11 band parameters EQ.
- Use the latest ADI new due core DSP.
- Independent settings and parameters storing for input channels.
- Support audio video signal combine group.
- User-defined rename for the input source name.

AV HOME THEATER SERIES —MULTICHANNEL AMPLIFIERS

AD-8300PA



11 channel AV Power Amplifier

Product Features:

- 11 independently low distortion high speed HiFi amplifier modules which offer fine, pure and sweet audio output. The unit's Left, Right and Center channels are with higher power than the rest channels, thus the sound quality and tone are better.
- Completed amplifier protection circuit: Short protection, Self-excitation protection, Overheat protection and DC protection.
- High power switching power supply with abundant power output storage.
- High power audio exclusive famous transistors in parallel output, which offers 45A high current output ability, and with abundant output power margin.
- For the chassis, it applies high intensity solid and durable cold plate with precise inside layout and anti-interference ability.

Parameters:

Channels: 11

SN: 110dB (A weight)

Frequency range: 10-80KHz(+1/-3dB)

THD: $\leq 0.05\%$ (A weight)

Power output: $\geq 520W$ (RMS/4 Ω , main channel /1 ch driven)
 $\geq 260W$ (RMS/4 Ω , surround channel/1ch driven)
 $\geq 320W$ (RMS/8 Ω , main channel /1 ch driven)
 $\geq 150W$ (RMS/8 Ω , surround channel/1ch driven)

Gain: $\geq 29.5dB$

Packing Size: 550x534x319 mm



AD-7300PA+ 7 CHANNEL AV POWER AMPLIFIER

Product Features:

- It is a 7 channels amplifier with external aluminum heatsinks as the left and right of the chassis, top lid is designed into windows with blinds for venting, black aluminum front panel with acrylic window and light blue meter inside.
- Class H amplifier with 7 independent amp modules inside the chassis, one module for one channel. Each module uses Hi-Fi circuit, the layout, craftwork and material are almost the same. The left and right channel have external heatsinks so that the complete chassis is bigger, and all the static currents are big enough especially the amplifier current, this ensure enough power for outputs.
- Switching power supply, power output is 7x300W (8ohms).

Parameters:

Channels: 7

THD: $\leq 0.09\%$ (1KHZ)

SN: $\geq 100dB$ (A weight)

Frequency response: 20Hz-50KHz (+1Db/-3dB)

Output power: 7x300W (With one channel driven, 8 Ω)

Impedance: 8 Ω

Gain: 28dB

N.W: 25kgs

Unit size: 440 x 197 x 445mm (W x H x D)

AD-5100PA+ 5 CHANNEL AV POWER AMPLIFIER

Parameters:

Channels: 5

SN: 105dB (A weight)

Frequency range: 20-30KHz(+1/-3dB)

THD: $\leq 0.1\%$ (A weight)

Power output/channel: $\geq 140W$ (4 Ω , 1 channel)
 $\geq 100W$ (8 Ω , 1 channel)
 $\geq 55W$ (4 Ω , multi channels)
 $\geq 50W$ (8 Ω , multi channels)

Distortion: $\geq 70dB$ (2 channels)

Rated impedance: 8 ohms

Gain: $\geq 28dB$

N.W: 9.6KGS

Packing Size: 550x44+x210 mm



AD-7100PA 7 CHANNEL AV POWER AMPLIFIER

Parameters:

Channels: 7

THD: $\leq 0.08\%$ (1KHZ)

SN: $\geq 105dB$ (A weight)

Frequency response: 20Hz-75KHz (+1dB)

Output power: 7x150W (With one channel driven, 8 Ω)

Impedance: 8 Ω

Gain: 30dB

N.W: 31.3KGS

Unit size: 444 x 200 x 498mm (W x H x D)



AD-2500 5 CHANNEL HIFI POWER AMPLIFIER

Parameters:

Channels: 2

SN: 110dB (A weight)

Frequency range: 10-50KHz(+1/-3dB)

THD: $\leq 0.01\%$ (1KHZ, normal working status)

Power outputs: 930W RMS (4 Ω , 1Ch driven, THD=1%)
560W RMS (4 Ω , 1Ch driven, THD=1%)

Gain: $\geq 29dB$

N.W: 23.5 KGS

Packing Size: 572x321x 572mm



HI-FI BOOKSHELF SPEAKER



TD-9 TONEWINNER FLAGSHIP HI-FI BOOKSHELF SPEAKER

Parameters:

Drivers: 1.1"×1+7"×1
Sensitivity: 85dB
Rated Impedance: 8Ω

Frequency Range: 40Hz-25KHz
Input Power: 10W-100W
N.W: 25Kgs/pair
Size: 230x390x362mm (W x H x D)



TD-3 HI-FI BOOKSHELF SPEAKERS

Parameters:

Drivers: 1.1"×1+7"×1
Sensitivity: 85±3dB
Impedance: 8Ω

Frequency Response: 40-25KHz
Power Range: 10W-100W
N.W: 27Kgs/pair
Size: 230×405×360mm (W×H×D)



BL-05MKII

Parameters:

Drivers: 2x3"+1x8"
Sensitivity: 85dB
Rated Impedance: 6Ω
N.W: 21KGS/Pairs

Frequency Response: 45Hz-20KHz
Output power: 40W-160W
G.W.: 24KGS/Pairs
Size: 260*485*310mm(W*H*D)



TD-C8 HI-FI BOOKSHELF SPEAKERS

Parameters:

Drivers: 1"×1+5"×1+8"×1
Sensitivity: 85±3dB
Impedance: 4Ω
G.W: 28Kgs/pair

Frequency Response: 38Hz-22KHz
Continuous power: 110W
Max Peak power: 440W
Packing Size: 752×588×352mm

FLOORSTAND SPEAKERS



TD-8 HI-FI CINEMA FLOORSTAND SPEAKER SYSTEM

It is a 3-way 4 units floor stand paraphase speaker system, which is with Tonewinner's years of technology and acoustic experiences. The main speaker adopts imported Denmark driver, the other speakers use high quality parts that guarantee low distortion and good sound quality.

Main speaker parameters:

Drivers: 8"×2+ 6.5"×1+ 1"×1
Sensitivity: 87dB(1W·1M)
Frequency response: 35Hz-25KHz
Impedance: 4Ω
Power: 20W-150W
N.W: 83KGS/pair
Size: 280x1200x415(mm)

Center speaker parameters:

Drivers: 6"×2+6"×2+ 1"×1
Sensitivity: 88dB(1W·1M)
Frequency response: 40Hz – 20KHz
Impedance: 4Ω
Power: 10W-100W
N.W: 18.8KGS/piece
Size: 830x239x312(mm)

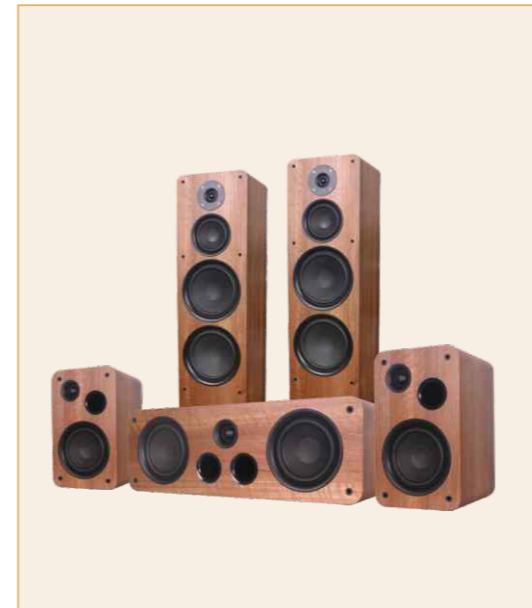
Surround speaker parameters:

Drivers: 6.5"×1+1"×1
Sensitivity: 85dB(1W·1M)
Frequency response: 60Hz – 20KHz
Impedance: 4Ω
Power: 45W
N.W: 26KGS/4 pieces
Size: 235x380x178(mm)



TD-2 HI-FI CINEMA FLOORSTAND SPEAKER SYSTEM

	Main speaker	Center speaker	Surround speaker
Impedance	4Ω	4Ω	4Ω
Drivers	1.1" x1 + 6"x2	1.1" x1 + 5"x2	1.1" x1 + 5"x2
Sensitivity	87dB	87dB	85dB
Frequency response	38Hz – 20KHz	60Hz – 22KHz	75Hz – 22KHz
Power range	20-100W	10-50W	5-25W
N.W	27KGS/piece	6.7KGS/piece	4.2KGS/piece
Size (mm)	250x1005x320	550x180x220	180x300x210



TJ-K8 HI-FI CINEMA FLOORSTAND SPEAKER SYSTEM

	Main speaker	Center speaker	Surround speaker
Impedance	4Ω	4Ω	4Ω
Drivers	1" + 5" + 8"x2	1" + 5"x2	1" + 5"
Sensitivity	85dB	85dB	85dB
Frequency response	38Hz – 20KHz	75Hz – 20KHz	75Hz – 20KHz
Power range	50—220W	20—100W	10—50W
N.W	24KGS/piece	6KGS/piece	5KGS/piece
Size (mm)	260×1115 ×310	550×182 ×210	182×306 ×210



TJ-3 CINEMA FLOORSTAND SPEAKER SYSTEM

	Main speaker	Center speaker	Surround speaker
Impedance	4Ω	4Ω	4Ω
Drivers	1.1" x1 + 4"x2	1.1" x1 + 4"x2	1.1" x1 + 4"x2
Sensitivity	85dB	85dB	83dB
Frequency response	45Hz – 20KHz	70Hz – 20KHz	80Hz – 20KHz
Power range	100W	90W	50W
N.W	23.5KGS/piece	4.4KGS/piece	4.6KGS/piece
Size (mm)	174x998x260	450x144x160	144x235x130



SUBWOOFERS

SUB-12D 12" ACTIVE SUBWOOFER

Parameters:
 Color: Black
 Frequency response: 20HZ-250HZ
 Input level: ≤ 800mV RMS
 Impedance: 4 Ω

SN: ≥80 dB (A weight)
 Power: 600W
 Power consumption: ≤900 W
 Power voltage: 220V
 N.W: 25 KGS
 Unit size: 420×460×455mm (W×H×D)



SUB-1280B 12" ACTIVE SUBWOOFER

Parameters:
 Color: Black
 Frequency response: 20HZ-150HZ
 Minimum power force: ≤ 350mv
 Rated impedance: 4Ω
 Input level: ≤ 800mV RMS
 SN: ≥80 dB A weight
 Power: 600W (Class D)
 Power consumption: ≤ 900 W
 Power voltage: 220V
 N.W: 25 KGS
 G.W: 29KGS
 Unit size: 420×435×480mm (W×H×D)



SUB-10TD-N 10" ACTIVE SUBWOOFER

Parameters:
 Color: Red
 Frequency response: 30HZ-250HZ
 Input level: 1V RMS
 SN: ≥85 dB A weight
 Power: 150W
 Power voltage: 220V
 N.W: 15 KGS
 Unit size: 380×380×400mm (W×H×D)



SUB-10-N 10" ACTIVE SUBWOOFER

Parameters:
 Color: Black
 Frequency response: 35HZ-250HZ
 Input level: ≤ 700mV RMS
 SN: ≥80 dB A weight
 Power: 150W
 Power consumption: ≤ 200 W
 Power voltage: 220V
 N.W: 19 KGS
 Unit size: 386×400×386mm (W×H×D)



SUB-10BC-N 10" ACTIVE SUBWOOFER

Parameters:
 Color: Black
 Frequency response: 35HZ-250HZ
 Input level: ≤ 700mV RMS
 SN: ≥80 dB A weight
 Power: 150W
 Power consumption: ≤ 200 W
 Power voltage: 220V
 N.W: 20 KGS
 Unit size: 380×430×380mm (W×H×D)



SUB-15B 15" ACTIVE SUBWOOFER

New Coming...

DOLBY ATMOS LIVING ROOM CINEMA SYSTEM



YX-1 is Dolby Atmos audio speaker system designed for living rooms, it has very simple wire connection and adopts 5.1.2 and 5.1.4 channel configurations, besides this, it applies the latest advanced AV technologies: Dolby Atmos and DTS:X & 4K video technology, it can reproduce all the moving sounds in different directions vividly & create a thrilling dynamic sound effect which can compare favorably with sound filed & effect of professional Dolby Atmos cinema, & realize your dream of bring cinema back home.

Product Features:

- Support Dolby Atmos, DolbyTrue HD, DTS:X, DTS-Master and all downward Dolby and DTS audio formats. Support 4K, 1080P, 1080I and all other downward video formats.
- 4 way HDMI2.0 input, 1 way optical input, 1 way Coaxial input, 1 way analog input, 1 way USB (PC) input, support HDCP2.2.
- Built-in Bluetooth audio receiver,
- Built-in audio player, support files playing from TF card & USB disk, support several kinds of lossless & compressed audio format files playing, such as FLAC, APE, WAV, MP3 & etc; support multi-layer folder management.
- Support smart phone App control.
- Support HDMI ARC, direct pass through, and CEC.
- Each channel has as many as 7 to 11 bands parameters EQ.
- Completed protection circuit: Short protection, over current protection, over load protection, over heat protection.
- Applies TI's classic Class D circuit solution with advantages of low distortion, high efficiency, low thermal.
- Applies dual DSP Atmos decoding chip from ADI & CS48450 from CirrusLogic.
- Separated speakers design, the amplifier is in an independent chassis.

YX-01P 5.1.4 WIRELESS SYSTEM (1 X AT-01W+2 X AT-01F+1 X AT-01C+2 X AT-01P+1 X AT-01W)

Parameters:

Model NO.: **AT-01W** (Amplifier--5.1.4)
 Output power: (5+2) x 22W/8Ω + SW: 70W/2Ω
 Frequency response: 20Hz - 120Hz (SW);
 120Hz-20KHz (Normal)
 Power voltage: ~110V- ~220V
 NW: 2.6kgs
 Unit size: 330 x 264 x 72mm (W x H x D)
 Model NO.: **AT-01C**(Center channel speaker)
 Driver configuration: 3" x2
 Frequency response: 120Hz-20KHz
 Impedance: 8Ω
 Output power: 10~40W
 NW: 1.2KGS
 Unit size: 222 x 112x 79mm (W x H x D)

Model NO.: **AT-01F**(Left and Right channel speakers)
/AS-01P(Wireless surround speakers)
 Driver configuration: 2.25" x1 + 3" x2
 Frequency response: 120Hz-20KHz /250Hz-20KHz (Top)
 Impedance: 8Ω
 Output power: 10~40W/10~30W (Top)
 NW: 3.6kgs/3.8kgs
 Unit size: 330 x 1146 x 313mm (W x H x D)
 Model NO.: **AT-01W** (Subwoofer)
 Driver configuration: 8" x1
 Frequency response: 50Hz-40KHz
 Impedance: 2Ω
 Output power: 10~100W
 NW: 6KGS
 Unit size: 260 x 310x 310mm (W x H x D)

YX-01S 5.1.2 WIRED SYSTEM (1 X AT-01B+2 X AT-01F+1 X AT-01C+2 X AT-01S+1 X AT-01W)

Parameters:

Model NO.: **AT-01B** (Amplifier--5.1.2)
 Output power: (5+2) x 22W/8Ω + SW: 70W/2Ω
 Frequency response: 20Hz - 120Hz (SW);
 120Hz-20KHz (Normal)
 Power voltage: ~110V- ~220V
 NW: 2.6kgs
 Unit size: 330 x 264 x 72mm (W x H x D)
 Model NO.: **AT-01F**(Left and Right channel speakers)
 Driver configuration: 2.25" x1 + 3" x2
 Frequency response: 120Hz-20KHz /250Hz-20KHz (Top)
 Impedance: 8Ω
 Output power: 10~40W/10~30W (Top)
 NW: 3.6KGS
 Unit size: 313 x 1146 x 313mm (W x H x D)

Model NO.: **AS-01S** (Surround speakers)
/ AT-01C(Center channel speaker)
 Driver configuration: 3" x2
 Frequency response: 120Hz-20KHz
 Impedance: 8Ω
 Output power: 10~40W
 NW: 3.3kgs/1.2kgs
 Unit size: 313 x 1086 x 313mm (W x H x D)
 222 x 112x 79mm (W x H x D)
 Model NO.: **AT-01W**(Subwoofer)
 Driver configuration: 8" x1
 Frequency response: 50Hz-40KHz
 Impedance: 2Ω
 Output power: 10~100W
 NW: 6KGS
 Unit size: 260 x 310x 310mm (W x H x D)

DOLBY ATMOS LIVING ROOM TV SOUNDBAR



AT-01 5.1.2 DOLBY ATMOS TV SOUNDBAR

Product Features:

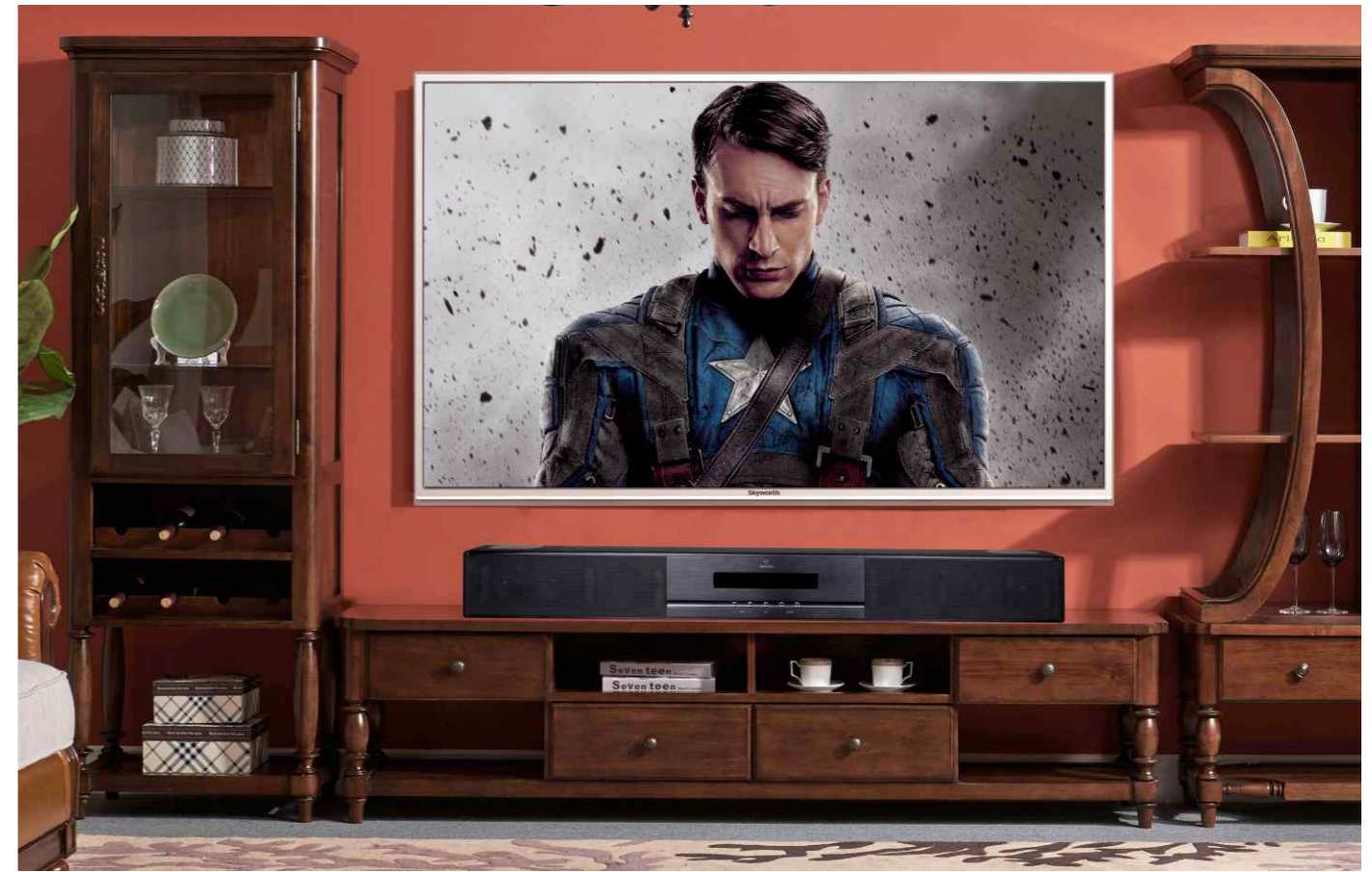
- Support Dolby Atmos, Dolby True HD, DTS:X, DTS-Master and all downward Dolby and DTS audio formats. Support 4K, 1080P, 1080I and all other downward video formats.
- 4 way HDMI2.0 input, 1 way HDMI output, 1 way optical input, 1 way Coaxial input, 1 way analog input, 1 way USB (PC) input, support HDCP2.2.
- Built-in Bluetooth audio receiver,
- Built-in audio player, support files playing from TF card & USB disk, support several kinds of lossless & compressed audio format files playing, such as FLAC, APE, WAV, MP3 & etc; support multi-layer folder management.
- Support smart phone App control.
- Support HDMI ARC, direct pass through, and CEC.
- Each channel has as many as 7 to 11 bands parameters EQ.
- Completed protection circuit: Short protection, over current protection, over load protection, over heat protection.
- Applies TI's classic Class D circuit solution with advantages of low distortion, high efficiency, low thermal.
- Applies dual DSP Atmos decoding chip from ADI & CS48450 from Cirrus Logic.
- Separated speakers design, the amplifier is in an independent chassis. The soundbar is with 5.1.2 system with independent channel cabinets, & there are in total 12pcs drivers within the soundbar, including 2pcs subwoofer drivers.
- For better sound quality, the mid-bass drivers apply nature materials made cones, and tweeters apply nature soft ball dome diaphragm.

AT-01 Dolby Atmos TV soundbar

Parameters:

Model NO.: AT-01B (Amplifier--5.1.2)
 Separation: ≥0.1%
 Channel: 5.1.2
 Output power: (5+2) x 22W/8Ω + SW: 88W/2Ω
 Power voltage: ~110V- ~220V
 S/N: ≥90dB
 Frequency response: 20Hz-20KHz
 NW: 2.6KGS
 Unit size: 330 x 257 x 72mm (W x H x D)

Model NO.: AT-01S (Passive soundbar)
 Driver configuration: 3/4" x3 (Tweeter) + 3" x5 (mid-bass) + 4" x2(bass) + 3" x2(Full frequency)
 Channel: 5.1.2
 Frequency response: 40Hz-20KHz
 Stand Power: 7x 22W+ 88W(SW)
 Sensitivity: 96dB
 NW: 10.8kgs
 Unit size: 1208 x 108 x 160mm (W x H x D)



AT-02 2.1.2 DOLBY ATMOS TV SOUNDBAR

Product Features:

- Support Dolby Atmos, Dolby True HD, DTS:X, DTS-Master and all downward Dolby and DTS audio formats. Support 4K, 1080P, 1080I and all other downward video formats.
- 4 way HDMI2.0 input, 1 way HDMI output, 1 way optical input, 1 way Coaxial input, 1 way analog input, 1 way USB (PC) input, and 1 way subwoofer line out, support HDCP2.2.
- Built-in Bluetooth audio receiver
- Built-in audio player, support files playing from TF card & USB disk, support several kinds of lossless & compressed audio format files playing, such as FLAC, APE, WAV, MP3 & etc; support multi-layer folder management.
- Support smart phone App control.
- Support HDMI ARC, direct pass through, and CEC.
- Completed protection circuit: Short protection, over current protection, over load protection, over heat protection.
- Applies TI's classic Class D circuit solution with advantages of low distortion, high efficiency, low thermal.
- Applies in total 8pcs high quality drivers to make the 2.1.2 system.
- For better sound quality, the mid-bass drivers apply nature materials made cones, and tweeters apply nature soft ball dome diaphragm.

AT-02 Dolby Atmos TV soundbar

Parameters:

Driver configuration: Main channel: 3/4" x2 + 3" x2;
 Subwoofer: 4" x2 Top channel: 2" x2(Full frequency)
 Channels: 2.1.2
 Frequency response: 40Hz-20KHz
 Sensitivity: 96dB
 NW: 8.9KGS
 Distortion: 0.1%
 Power: 200W
 Power voltage: ~110V - ~220V
 Unit size: 1200 x 84.5 x 135mm (W x H x D)

AT-100 5.1.2 DOLBY ATMOS TV SOUNDBASE

Product Features:

- Support Dolby Atmos, DolbyTrue HD, DTS:X, DTS-Master and all downward Dolby and DTS audio formats. Support 4K, 1080P, 1080I and all other downward video formats.
- 4 way HDMI2.0 input, 1 way HDMI output, 1 way optical input, 1 way Coaxial input, 1 way analog input, support HDCP2.2.
- With Bluetooth audio receiver port for adding Bluetooth receiver.
- Support HDMI ARC, direct pass through, and CEC.
- Completed protection circuit: Short protection, over current protection, over load protection, over heat protection.
- Applies TI's classic Class D circuit solution with advantages of low distortion, high efficiency, low thermal.
- Applies dual DSP Atmos decoding chip from ADI & CS48450 from Cirrus Logic.
- The soundbar is with 5.1.2 system with independent channel cabinets, & there are in total 12pcs high quality drivers within the soundbar, including 2pcs 5" subwoofer drivers in the bottom.
- For better sound quality, the mid-bass drivers apply nature materials made cones, and tweeters apply nature soft ball dome diaphragm.

AT-100 Dolby Atmos TV soundbar

Parameters:

Driver configuration: Main channel: 3/4" x2 + 3" x8; Subwoofer: 5" x2

Channel: 5.1.2 Distortion: 0.1%

Frequency response: 40Hz-20KHz Power: ≤350W

Sensitivity: 96dB Power voltage: ~110V - ~220V

NW: 18KGS Unit size: 1200 x 110 x 380mm (W x H x D)



HOME THEATER TV SOUNDBAR



Parameters:

Distortion: Music: ≤ 0.2% (A weight); MIC: ≤ 0.35% (A weight)

S/N: Music: ≥ 83dB(A weight); MIC: ≥ 77dB(A weight)

Power voltage: ~110V - ~220V

Frequency response: Music: 10Hz-20KHz(+1dB/-3dB);

Mic: 22Hz-12KHz(+1dB/-3dB)

Gain: Music: 30±3dB; Mic: 47±3dB

Power: 100W

Power voltage: ~100V - ~240V (50Hz, 60Hz)

NW: 6KGS

Unit size: 1288 x 202 x 182mm (W x H x D)

TV-10 TV soundbar

Product Features :

- 2.0 soundbar system, with Karaoke KTV function.
- Support wall mounting and placing under TV.
- Support Bluetooth connection.
- Support USB, TF card playing.
- Support many kinds of audio signal input.
- Support smart phone apps and remote control.
- One cabinet driver array, improve TV's sound quality.
- Abundant ports for connecting almost all kinds of audio devices: Optical, Coaxial, analog, Bluetooth, ARC, USB external sound card and with subwoofer lineout port.
- 2.1 Karaoke system, high power speakers delivers better sound quality.
- DSP digital Karaoke audio processing technology.
- Elegant appearance with small cabinet, saves space.
- Several listening modes for better AV life.

TV-20-N/TV-20L-N SOUNDBAR



The TV-20-N/TV-20L-N mini TV soundbar which delivers amazing experience by its Class D HiFi circuit design by way of its two 2" full range drivers. It has Bluetooth which can allow you to use it for streaming music from you favorite device. Its elegant and low profile design will look amazing below TV.

Product Features :

- 2.1 Hi-Fi class D amplifier design, L+R+SUB.
- BT 4.2 module wireless transmission.
- Multiple source inputs: BT, HDMI(ARC), Analog, Coaxial Optical, TF card, & USB disk.
- Support Android App, IOS App and remote controls.
- Support audio formats: WAV, FLAC, APE, MP3, AAC etc.
- Front panel touching screen display,
- Complete file management which can be reviewed by mobile phone App.
- TV-20L-N allows to connect an external subwoofer to enhance the performance of bass.

Main parameters:

Parameters	TV-20-N/TV-20L-N
SNR	98dB(A weight)
Power output/channel	60W /15W(L) + 15W(R) + 30W(Sub)
THD	0.18% (A weight)
Rated impedance	L + R @ 8 Ω, SUB @ 4 Ω
Speaker driver	2x2" (L+R), 1x3.5" (Sub)
BT connection range	15 M
Power voltage	90V~ 240V
Power consumption	38W
Standby consumption	0.3W
N.W	3.4KGS/4.4KGS
Unit size	TV-20-N:550x130x70mm/TV-N-20L:800x130x70mm

DIGITAL PRODUCTS



TY-W01 HI-FI WIRELESS BLUETOOTH SPEAKER

Product Features:

- 2.1 Hi-Fi system: L(3/4"+3")+R(3/4"+3")+SUB(5").
- WiFi and Bluetooth 4.1 wireless transmissions.
- Wireless inputs: Wi-Fi and Bluetooth.
- Build in media player, support local inputs: 128G USB disk, TF card.
- 4" Color LCD display.
- Support lossless formats: WAV, flac and APE.
- Support compress formats: MP3, WMA.
- Built in File Management System, can set up 9 file layers.
- Adopts TI amplifier chip, use 2 layers PCB for amplifier PCBA, 4 layers PCB for main control PCBA.
- Full aluminum enclosure, with independent shield cabinets inside.
- 100V~240V power supply voltage.

Parameters:

Color: Black/Silver
 Frequency range: 50Hz~20KHz
 Max.Power: 150W
 N.W: 7.8KGS
 Power voltage: ~100 – 240V (50HZ/60HZ)
 Size: 400mmx194mmx174mm
 Support formats: WAV, flac and APE; MP3, WMA etc.

TY-B02 MULTI-FUNCTION BLUETOOTH SPEAKER



Parameters:

Frequency range: 50Hz~20KHz
 Power: 60W
 N.W: 2.7 KGS
 Power voltage: ~100V-240V (50HZ/60HZ)
 Size: 304mm×120mm×130mm

Product Features:

- Input sources: Bluetooth 4.2, USB disk, TF card and USB audio.
- 2.1 Hi-Fi system design: L(2") + R(2") + SUB(4").
- Built in media player, integrated with source, amplifier and speakers.
- Android and IOS App control.
- Support lossless formats: WAV, flac and APE.
- Support compress formats: MP3, WMA.
- Acrylic front panel and Color TFT display.
- Linux system, and built in File Management System.
- Speaker frequency calibration.
- Can use in living room, study room, bedroom, desktop audio, office and other small environment, high quality listening environment.

TY-B03 PORTABLE BLUETOOTH SPEAKERS



Remark: With built-in chargeable battery.

Parameters:

Speaker driver: 2 x 2" full range driver, 1x 3.5" subwoofer
 Frequency: 50HZ---20KHZ
 BT connect range: 15M
 N.W: 2.7KGS

Product Features:

- 2.1 Hi-Fi Amplifier, L+R+SUB.
- Bluetooth 4.2 wireless connection.
- Build in DSP digital module with precise EQ calibration.
- Multiple inputs: BT, Analog, Coaxial, Optical, HDMI(ARC), PC, U disk, TF card.
- Support formats: WAV, FLAC, APE, MP3, AAC etc.
- Support Android App, IOS app and remote controls.
- Aluminum chassis design, Acrylic front panel and fashion touching screen.
- Chargeable battery, can last 10 hours without DC power.
- Power design: ~100V to ~240V.

Power: 60W
 Battery: 2600mA
 Power voltage: ~100V to 240V/(50HZ,60HZ)
 Size: 260x173x77 MM

TY-B04 MINI PORTABLE BLUETOOTH SPEAKER



Remark: With built-in chargeable battery.

Parameters :

Frequency range: 100Hz~20KHz
 Power input: 2A5V
 Power consumption: 10W
 N.W: 0.73 Kgs
 Size: 76mm×78mm×143mm

Product Features:

- Build in amplifier and one 3"driver.
- Build in chargeable battery, can last for 8 hours.
- Source1: Bluetooth wireless transmission
- Source2: TF card local play
- Source3: USB audio
- App control and back panel control.
- Support lossless formats: WAV, flac and APE.
- Aluminum enclosure design like a cup, welcome to drink a cup of music.



TY-D01N HI-FI CROSSOVER MULTIMEDIA SPEAKERS

Parameters:
 S/N: $\geq 88\text{dB}$ (A weight, 1KHZ)
Frequency range:
 Amplifier part:
 Tweeter: 5KHZ~20KHZ, mid: 100KHZ~2.5KHZ
 subwoofer: 20HZ~ 150HZ
 Speaker part:
 Main channel: 150Hz~20KHz
 subwoofer: 45HZ~ 150HZ
 Gain: Tweeter $\geq 27\text{dB}$, mid $\geq 27\text{dB}$
 subwoofer $\geq 33\text{dB}$
 Power: Tweeter $\geq 15\text{W}(8\Omega)$, mid $\geq 25\text{W}(8\Omega)$
 subwoofer $\geq 80\text{W}(4\Omega)$
 Consumption: $\leq 250\text{W}$
 Power voltage: $\sim 220\text{V}/50\text{HZ}$
 N.W: 20KGS/set
 Dimension:
 Main speakers: 154x238x189mm (W x H x D)
 Subwoofer: 260x320x340mm (W x H x D)



TY-D02N HI-FI MULTIMEDIA SPEAKERS

Parameters:
 Distortion: $\leq 0.25\%$ (A weight, 1KHZ, 10W)
 S/N: $\geq 88\text{dB}$ (A weight, 1Vrms)
Frequency range:
 Main channel: 70Hz~20KHz
 subwoofer: 25HZ~ 130HZ (+1/-3dB)
 Power: Tweeter $\geq 25\text{W} \times 2 (8\Omega)$, mid $\geq 100\text{W} \times 2 (4\Omega)$
 subwoofer: $\geq 100\text{W}(4\Omega)$
 Consumption: $\leq 200\text{W}$
 Power voltage: $\sim 220\text{V}/50\text{HZ}$
 N.W: 16KGS/set
 Dimension:
 Main speakers: 136x200x157mm (W x H x D)
 Subwoofer: 218x248x267mm (W x H x D)



TY-D03N HI-FI MULTIMEDIA SPEAKERS

Parameters:
 Distortion: $\leq 0.8\%$ (A weight, 1KHZ, 1W)
 S/N: $\geq 90\text{dB}$ (A weight, 1Vrms)
 Frequency range: 45HZ – 20KHZ
 Power: $\geq 25\text{W} (8\Omega)$, TMD=3%/per channel
 Consumption: $\leq 80\text{W}$
 Power voltage: $\sim 220\text{V}/50\text{HZ}$
 N.W: 4.93KGS/set
 Size: 136x206x148(mm)

W-1T/W-1R WIRELESS RECEIVER AND TRANSMITTER

Parameters:
 W-1R: 2channels wireless receiver and amplifier
 W-1T: 2channels wireless transmitter
 Power: 20W (W-1R amplifier)
 Receive distance: $\geq 35\text{M}$
 Color: black
 Power: external power
 Transmits frequency: 5.8G/502G
 Power voltage: W-1T(5V1A); W-1R(20V/2A)
 Size: 100x100x32mm each
 Suitable for: Demo room, Record room, School and Meeting room



BTS-1 APTX Bluetooth Receiver

Parameters:

- For connecting audio equipments to Bluetooth equipments.
- Support Aptx, almost same sound quality even with line audio sample compress as 1/4.
- Low latency.
- Outputs of digital signal and stereo analog audio signal, Compatible with all amplifiers.

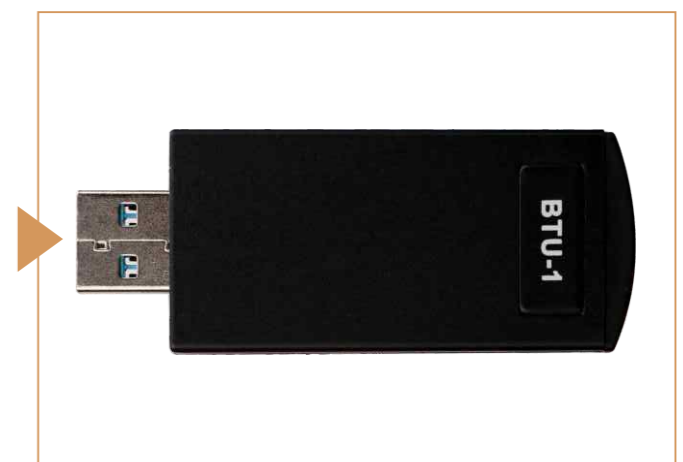


BTU-1 APTX Bluetooth Dongle

Parameters:

- 15 to 30 Meters connecting diameter.
- Support Aptx, almost same sound quality even with line audio sample compress as 1/4.
- Low latency and perfect lip-sync.
- Auto match with analog/digital outputs.

Remark: Only work with Tonewinner equipments.





AD-300K BLUETOOTH DIGITAL KARAOKE AMPLIFIER

Product features:

- Professional high power DSP digital Karaoke amplifier
- Aluminium line grain front panel with HD digital display
- Support USB disk, TF card playing
- Support Bluetooth connection
- Abundant connection ports, support most audio devices connection, supports Optical, Coaxial, Analog and other signal inputs.
- All functions support smart phone apps control, and infrared remote control.
- Smart circuit temperature control system.
- With stereo signal and subwoofer line out ports.
- With DSP Karaoke processing technology, with several kinds of Karaoke effect modes.
- With several kinds of built-in music modes.

Parameters:

Distortion: Music: $\leq 0.05\%$ (A weighted); Microphone: $\leq 0.01\%$ (A weighted)
 Channel: 2
 S/N: Music: $\geq 80\text{dB}$ (A weighted); Microphone: $\geq 80\text{dB}$ (A weighted)
 Frequency Response: Music: 10Hz-22KHz ($\pm 3\text{dB}$); Microphone: 10Hz-13KHz ($\pm 3\text{dB}$)
 Gain: Music: $40\pm 3\text{dB}$; Microphone: $59\pm 3\text{dB}$; Rear panel: $62\pm 3\text{dB}$
 Impedance: 8Ω
 Output power: $2 \times 175\text{W}$
 N.W.: 11KGS
 Unit size: $431 \times 106 \times 386\text{mm}$ (W x H x D)

AD-K01 BLUETOOTH DIGITAL KARAOKE AMPLIFIER



Product features:

- All functions support smart phone apps control, USB, SD card playing, lossless Bluetooth signal transmitting.
- Music, Karaoke, Cinema all in one design.
- Powerful local playing function, you can play either from USB disk, TF card, or PC USB.
- Professional DSP digital effect, makes singing easier.
- Powerful dynamic anti-howling function.
- Nearly 30 years of professional audio design experiences delivers professional performance in both playing music and Karaoke.
- Multi function remote with many direct buttons, more convenient for operation.
- Offers Optical, Coaxial, SD card, USB disk, PC, AUX, HDMI/ARC input ports for option.
- Professional 2.1 Karaoke sound effect, makes pure voice and robust bass.

Parameters:

Distortion: Music: $\leq 0.2\%$ (A weighted); Microphone: $\leq 0.2\%$ (A weighted)
 S/N: Music: $\geq 80\text{dB}$ (A weighted); Microphone: $\geq 80\text{dB}$ (A weighted)
 Frequency Response: Music: 10Hz-20KHz (1dB/-3dB); Microphone: 22Hz-12KHz (1dB/-3dB)
 Impedance: 4Ω
 Channel: 2.1
 Output power: Main channel: $\geq 40\text{W}$ ($4\Omega, 1\text{KHz}, \text{THD}=1\%$); SW: $\geq 60\text{W}$ ($2\Omega, 1\text{KHz}, \text{THD}=1\%$)
 Gain: Music: $31\pm 3\text{dB}$; Microphone: $55\pm 3\text{dB}$;
 Power voltage: $\sim 100\text{V}-240\text{V}$ (50Hz-60Hz)
 Power consumption: 150W
 N.W.: 1.8KGS
 Unit size: $335 \times 60 \times 257\text{mm}$ (W x H x D)

AD-208P KARAOKE INTEGRATED AMPLIFIER



Product features:

- Music and microphone input DAC applies professional 24 bit stereo DAC chip AK5358.
- Applies 32 bit professional audio DSP chip from Cirrus Logic.
- Applies 240x400 dot matrix 2.8" TFT LCD screen.
- Applies high efficiency Class D amplifier chip TPA3255. (AD-208 doesn't have this chip.)
- With advanced integrated feedback design and exclusive high speed gate level driver error correction function, which can make components remain low distortion in all audio frequencies.

Parameters:

Distortion: Music: $\leq 0.05\%$ (A weighted); Microphone: $\leq 0.4\%$ (A weighted)
 S/N: Music: $\geq 80\text{dB}$ (A weighted); Microphone: $\geq 80\text{dB}$ (A weighted)
 Output power: $150\text{W} \times 2$ ($8\Omega, 1\text{KHz}, \text{THD}=1\%$)
 Channel: 2
 Impedance: 8Ω (May cause damage to the speakers which are less than 8Ω .)
 Frequency Response: Music: 20Hz~20KHz (+1dB/-3dB); Microphone: 30Hz~20KHz (+1dB/-3dB)
 Gain: Music: $36\pm 3\text{dB}$; Microphone: Front panel $59\pm 3\text{dB}$; Rear panel: $55\pm 3\text{dB}$
 Power Voltage: $\sim 220\text{V}/50\text{Hz}$
 Material: Aluminum
 Color: Black and Silver
 Recommend collocation: BL-5 speaker
 Accessories: Remote, power cord, battery, and manual.
 Applied places: Living room, multimedia meeting room, audition room, Cinema bar.
 N.W.: 4.3KGS
 Unit size: $431 \times 79 \times 346\text{mm}$ (W x H x D)

AD-208 DIGITAL KARAOKE PREAMP

Parameters:

Distortion: Music: $\leq 0.05\%$; Microphone: $\leq 0.4\%$
 S/N: Music: $\geq 80\text{dB}$; Microphone: $\geq 80\text{dB}$
 Frequency Response: Music: 20Hz ~ 20KHz; Microphone: 30Hz-20KHz
 Gain: Music: $12\pm 3\text{dB}$; Microphone: Front panel $34\pm 3\text{dB}$; Rear panel $30\pm 3\text{dB}$
 Power Voltage: $\sim 220\text{V}/50\text{Hz}$
 N.W.: 4.3KGS
 Unit size: $431 \times 300 \times 79\text{mm}$ (W x H x D)



AD-308 DIGITAL KARAOKE EFFECTOR

Parameters:

Distortion: Music: $\leq 0.08\%$; Microphone: $\leq 0.4\%$
 S/N: Music: $\geq 80\text{dB}$; Microphone: $\geq 80\text{dB}$
 Frequency Response: Music: 20Hz ~ 20KHz; Microphone: 30Hz-20KHz
 Gain: 41dB
 Power Voltage: $\sim 220\text{V}$
 N.W.: 1.8KGS
 Unit size: $431 \times 199 \times 51\text{mm}$ (W x H x D)



KARAOKE PROFESSIONAL SPEAKER



BL-03 + AD-300K + TY-638

BL-3 KARAOKE SPEAKER

Product Features:

- BL-3 professional Karaoke speaker carries many years of mature technologies ToneWinner have accumulated in professional audio industry.
- Applies ToneWinner's mature craft design with very solid cabinet, its structural strength meets the industry level. Also all components used in it are through carefully selected by our experienced engineer, thus the sound quality is extremely outstanding.
- Applies Left and Right speaker symmetric skewed cabinet design to guarantee positioning precision & excellent surrounding sound field.
- Applies two-way, three-driver, low frequency front paraspacer design, which matches the drivers perfectly.
- Applies 2pcs 3" paper treble drivers and 1pc 65mm diameter 10" bass driver, which offers outstanding dynamic performance & high power standing.
- Special meticulous designed frequency crossover, makes all frequency sounds stable and even, the treble is permeable delicate, clear and bright. The mid range sound is solid and full but not prominent. The bass is powerful, with distinct gradations but no oppressing sensation. All these features allow BL-1 reproduce music vividly.
- Elegant metal protection grill, solid, durable, and safe.
- Hanging mount design, convenient for installation and saves spaces.

Parameters:

Driver configuration:
10" bass x1pc, 3" treble x2pcs
DC Impedance: $6\Omega \pm 15\%$
Rated Impedance: 8Ω
Rated Power: 150W
Max Power: 300W
Frequency Response: 35Hz~20KHz
Sensitivity: 93 dB
Control Range: $\pm 2\text{dB} (< 1\text{KHz})$
Speaker Type: 10" Karaoke speaker
N.W.: 11.2kgs/pair
Unit size: 520X295X295mm $\pm 3\text{MM}$
(W x H x D)



BL-1 KARAOKE SPEAKER

Parameters:

Rated Power: 120W
Max Power: 200W
Sensitivity: $\geq 94\text{dB}$
Impedance: 6Ω
Frequency Response: 48Hz--18KHz
Driver configuration: 10" bass driver + 4" mid driver + 2pcs 3" treble
Unit size: 300x534x266mm (W x H x D)



BL-5 KARAOKE SPEAKER

Product features:

- BL-5 big bookshelf speaker is with 4 way 4 drivers.
- 3/4" super tweeter, 3" treble, 4" mid driver and 8" bass driver.
- Professional KTV sound filed, with outstanding singing effect, and sound quality is mellow and full.
- Professional permeability and dynamics make singing easier but with outstanding effect.

Parameters:

Max Power: 150W
Sensitivity: 88dB
Impedance: 6Ω
Frequency Response: 50Hz-20KHz
Unit size: 252X460X280mm (W x H x D)



TY-638 U BAND PROFESSIONAL KARAOKE WIRELESS MICROPHONE

Parameters:

Distortion: $\leq 0.5\%$
Frequency Band range: UHF740~790MHz
Tuning method: FM/PLL phase-locked loop control
Frequency response range: 50Hz-18KHz ($\pm 3\text{dB}$)
Channel NO.: 50Hz, 500HC
RF Accuracy: $\pm 0.005\%$
Working temperature: $-5^\circ\text{C} \sim 40^\circ\text{C}$
Receiving mode: Double conversion superheterodyne
Transmitting microphone: Sound head: moving-coil microphone
Transmitting power: High power: 30mW, Low power: 3mW
Battery life: $> 30\text{mW}$, 10 hours, 3mW , about 15 hours.
Antenna: Built-in, Pocket transmitter applies 1/4 wave whip antenna.
Battery: 2pcs AAA batteries



M-100 WIRELESS MICROPHONE

Parameters:

Type: Dynamic microphone (M-100E: one tow one, M-100: one tow two.)
Sensitivity: $-75\text{dB} \pm 3\text{dB}$ ($0\text{dB} = 1\text{V}/\mu\text{bar}$ at 1KHz)
Directivity: Heart shape
Applied places: Home Karaoke, KTV, education place, multimedia meeting room, audition room, entertainment room, bedroom & etc.

CABLE-ACCESSORIES



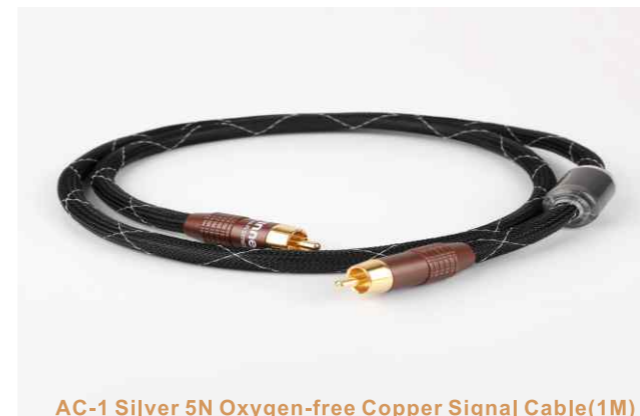
SC-6 Golden 6N Oxygen-free Copper Speaker Cable(2.5M)



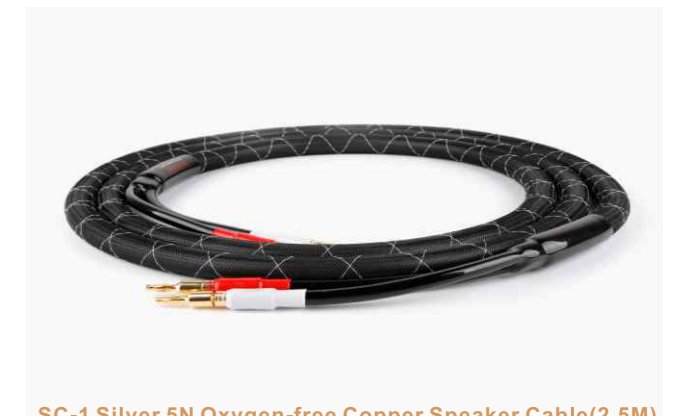
PX-1 6N Oxygen-free Copper Balance Cable(1.5M)



AC-6 Golden 6N Oxygen-free Copper Signal Cable(1M)



AC-1 Silver 5N Oxygen-free Copper Signal Cable(1M)



SC-1 Silver 5N Oxygen-free Copper Speaker Cable(2.5M)



GQ-6 Digital Optical cable (1.5M)



GQ-2 Optical Audio Cable (1.5M)



CO-6 HI-FI coaxial digital signal cable (1M)



CO-1 HI-FI coaxial digital signal cable (1M)