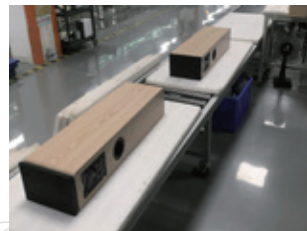
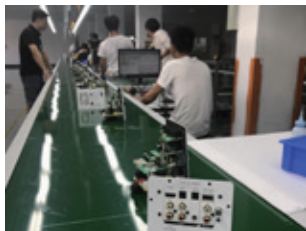




DongGuan AS AUDIO Co. Ltd.

东莞市爱笙电子科技有限公司

Add: Flat/Rm A 3/F, Kiu Kong Mansion, 524 Nathan Road, Yau Ma Tei, Hong Kong



ODM/OEM factory of audio products:

- Bluetooth speaker, Wireless Systems (Wi-Fi)
- Digital amplifiers, Subwoofer PCBAs
- Speakers (onwall/inwall, indoor/outdoor, in-ceiling, car, marine...)

Test Equipments

- Anechoic Rooms
- Acoustic Testing Center
- EMC, EMI safety testing laboratories partners
- KLIPPEL Analyzer3, Soundcheck, LMS, Clio
- (AP) Audio Precision 515



Compliant with international standards RoHS, REACH, Conflict Mineral, etc...

- IECQ QC 080000: 2017
- ISO/TS16949: 2016
- ISO14001: 2015
- ISO 9001: 2015



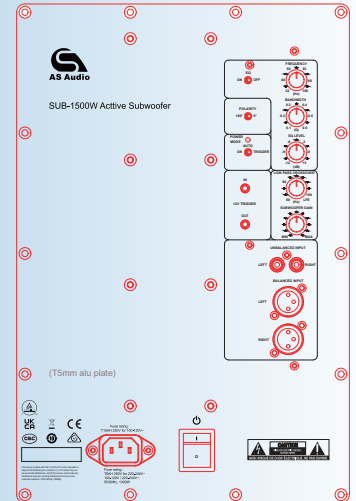
DongGuan AS AUDIO Co. Ltd. 东莞市爱笙电子科技有限公司
Add: No.19 YinPing Road, QingXi Town, DongGuan City, Guangdong Province, China
广东省东莞市清溪镇银坪路19号 Tel: +86-769-39011137 E-mail: leon@as-audio.cn

Zip: 523641
Web: www.as-audio.cn



AS subwoofer modules Class-D amplifier PCBAs

DSP solution AUAD1701



Specifically to drive subwoofers efficiently, reproduce deep and impactful bass.

Excellent performance at Harmonic Distortion (THD) and signal-to-noise (S/N).

PFC circuit included.

Items / Parameter	SUB-150W	SUB-300W	SUB-600W	SUB-800W	SUB-1000W	SUB-1500W
Output Power RMS	150W@4Ω	300W@4Ω	600W@4Ω	800W@4Ω	1000W@4Ω	1500W@4Ω
Power consumption in working mode	200W max	390W max	800W max	900W max	1200W max	2000W max
Power consumption in auto-standby	≤0.5W	≤0.5W	≤0.5W	≤0.5W	≤0.5W	≤0.5W
LFE Input	N/A	N/A	Yes	Yes	Yes	Yes
Analog Input (R&L)	Yes	Yes	Yes	Yes	Yes	Yes
Analog Output (R&L)	Yes	Yes	N/A	N/A	N/A	N/A
THD (Rated output: -3 dB) 4 Ω, 100Hz	0.01%	0.01%	0.02%	0.02%	0.02%	0.02%
S/N (A+ weight)	95dB	103dB	98dB	98dB	98dB	95dB
Frequency Response (-3dB)	20Hz~200 Hz	20Hz~200 Hz	20Hz~160 Hz	20Hz~160 Hz	20Hz~160 Hz	20Hz~140 Hz
Input sensitivity	200mV	200mV	200mV	200mV	200mV	160mV
Input impedance	10KΩ	10KΩ	10KΩ	10KΩ	10KΩ	10KΩ
Crossover knob	Yes	Yes	Yes	Yes	Yes	Yes
Phase potentiometer	Yes	Yes	Yes	Yes	Yes	Yes
Volume knob	Yes	Yes	Yes	Yes	Yes	Yes
Pre out	Yes	N/A	Yes	Yes	Yes	Yes
Product size WxHxD (mm)	200x200x68	218x218x74	236x236x86	266x266x106	266x266x106	320x240x88
Net weight	0.75 kgs	1.05 kgs	2.40 kgs	2.80 kgs	3.20 kgs	5.80 kgs
Cabinet color & material	Customization, or Galvanized iron & baked finish					

DongGuan AS AUDIO Co. Ltd. 东莞市爱笙电子科技有限公司
 Add: No.19 YinPing Road, QingXi Town, DongGuan City, GuangDong Province, China
 广东省东莞市清溪镇银坪路19号 Tel: +86-769-39011137 E-mail: leon@as-audio.cn

Zip: 523641
 Web: www.as-audio.cn



AS Class-D Multi-channel amplifiers

8-channel (4 independent zones)
12-channel (6 independent zones)
16-channel (8 independent zones)

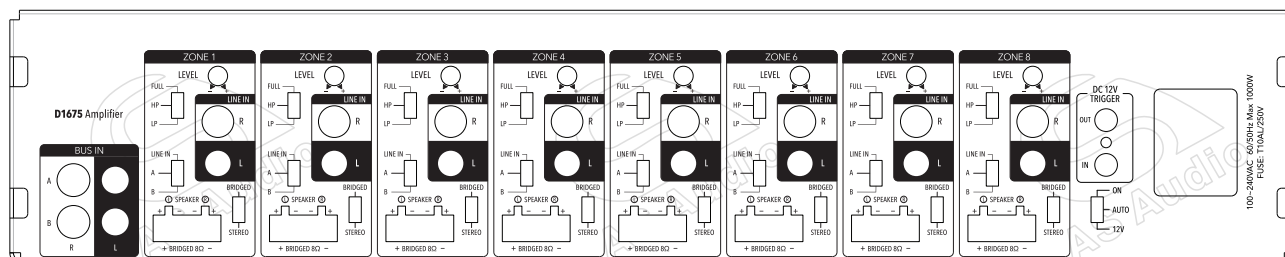


Universal in/out 12v triggers as well as zone-specific in/out triggers;

Being able to bridge channels allows a doubled power output.

Items / Parameters

	DPA-908	DPA-9012	DPA-7516
Output power (RMS)	8chx90W@4Ω	12chx90W@4Ω	16chx75W@4Ω
Output power (RMS)	8chx45W@8Ω	12chx45W@8Ω	16chx37W@8Ω
One Zone Driven-8Ω Bridged (RMS)	4chx180W@8Ω	6chx180W@8Ω	8chx150W@8Ω
Power consumption in working mode	600W max	800W max	1000W max
S/N (A+ weight)	90dB		
Frequency Response	20Hz -20k Hz(-3dB)		
Impedance	10KΩ		
Input sensitivity	670mV		
Harmonic Distortion (THD)	0.01 %(Rated output. -3 dB), 4Ω,1 kHz		
Standby Power consumption	≤0.5W		
Product size(mm)	W435xD248xH44	W435xD248xH44	W435xD248xH88
Packing Dimensions (mm)	W525xD37xH148	W525xD370xH148	W525xD370xH191
Net weight (kg)	3.85	4.10	5.80
Gross weight (kg)	5.35	5.60	8.00
Cabinet color and material	Customization,or galvanized iron & baked finish		



DongGuan AS AUDIO Co. Ltd. 东莞市爱笙电子科技有限公司

Add: No.19 YinPing Road, QingXi Town, DongGuan City, GuangDong Province, China
广东省东莞市清溪镇银坪路19号 Tel: +86-769-39011137 E-mail: leon@as-audio.cn

Zip: 523641

Web: www.as-audio.cn



AS AMP500SB-1U Class-D Subwoofer amplifier

DSP solution AUAD1701

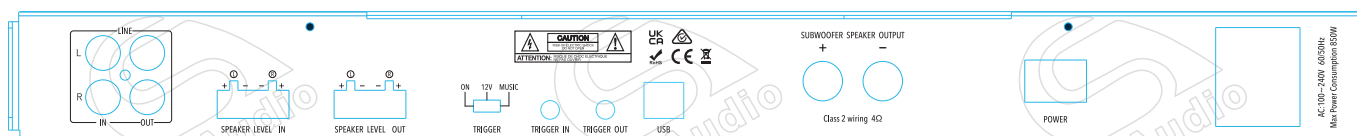
Power amplifier in desktop type, works with passive subwoofer coordinately.



Specifically to drive subwoofers efficiently, reproduce deep and impactful bass.

Excellent performance at Harmonic Distortion (THD) and signal-to-noise (S/N).

Item	Parameter
Output power (RMS)	600W@4Ω (or 300W@8Ω)
CLASS-D Drive chip	AUIRS2092
MOSFET	IRFB4227PBF
POWER-Drive	ST-L6599D
Frequency Response@100Hz,0dB	20Hz-200Hz
THD@Rated Power	<1% , 600W limiter
S/N@Rated Power	>90dBm (+A weight)
Standby power consumption	<0.5W
Input Sensitivity Rated Power	250mV
Speaker level Input	<10V
High Voltage Test	3000VAC
Control	Volume, ADJ FREQ(40-200Hz), Phase(0/180°) TRIGGER IN & OUT
AC Voltage Input	100-120/220-240Vac 60/50Hz
Product size	W435xH43xD248(mm)
Net weight	4.40 kgs





AS Class-D Dual-channel Amplifiers

Bluetooth V5.3

Bridgeable to be at 8Ω

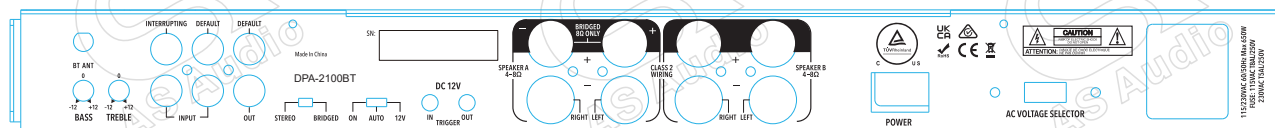


Dual Source Amplifiers, better sound for TV Amplifiers

Universal in/out 12v triggers as well as zone-specific in/out triggers.

Items / Parameters

	DPA-275BT	DPA-2100BT	DPA-2200BT
Output Power (RMS)	75W*2Ch@4Ω	100W*2Ch@4Ω	200W*2Ch@4Ω
Power consumption in working mode	220W max	260W max	640W max
Function buttons	N/A	Power on/off	Power on/off
Trigger function	N/A	Yes	Yes
Power consumption in standby mode		≤0.5W	
Bluetooth solution, sensitivity	ATS2853 V5.3, 600mV	N/A	ATS2853 V5.3, 600mV
Aux Input sensitivity	770mV	680mV	770mV
S/N (A+ weight)	95dB	95dB	95dB
Pre out	Yes	N/A	Yes
Harmonic Distortion (THD)	0.01 % (Rated output: -3dB), 4 Ω, 1 kHz		
Impedance		10KΩ	
Power consumption in standby mode		≤0.5W	
Frequency Response / Sat channel		20Hz - 20k Hz (-3dB)	
Crosstalk		65dB	
Product size (mm)	H44*W220*D141	H44*W435*D166	H44*W435*D266
Packing Dimensions (mm)	H103*W280*D201	H148*W525*D270	H148*W525*D370
Net weight	1.00 kgs	2.50 kgs	4.05 kgs
Gross weight	1.40 kgs	4.10 kgs	5.55 kgs
Cabinet color & material	Customization, or Galvanized iron & Baked finish		





AS Class-D Mixer Amplifier

 **Bluetooth V5.3**

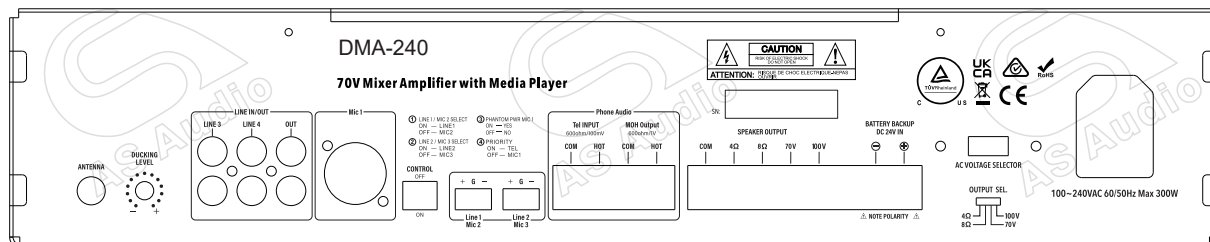
Advanced LCD display, USB playback



Switchable XLR input with 24V phantom power, especially for paging and condenser microphones.

Especially designed for announcements, intercommunications, background music, broadcasting, etc.

Item / Parameters	AS DMA240	AS DMA60
Output power (RMS)	240W: 4 Ω /8 Ω /100V/70V	60W: 4 Ω /8 Ω /100V/70V
Power consumption in working mode	410W max	100W max
Power consumption in standby mode		$\leq 1W$
S/N (A+ weight)		85dB
Frequency Response		55Hz -20K Hz (-3dB)
Input impedance		10K Ω
Harmonic Distortion (THD)	0.1 % (Rated output: -3 dB), 4 Ω , 1K Hz	
- Input sensitivity: MIC 1~3		5mV
- Input sensitivity: LINE 1 & 2		100mV
- Input sensitivity: LINE 3 & 4		250mV
- Input sensitivity		150mV
Bluetooth solution	Yes, Bluetooth BT8961B2 V5.3	
AUX (R&L)	Yes	N/A
Tuner	Yes	Yes
Tone control	BASS, TREBLE (+/-12dB)	NA
Pre out	Yes	N/A
Product size	W435xD248xH88 mm	W435xD248xH88 mm
Packing Dimensions	W525xD370xH191 mm	W525xD370xH191 mm
Net weight (kg)	5.10	4.80
Gross weight (kg)	7.30	7.00
Cabinet color & material	Customization, or Galvanized iron & baked finish	



DongGuan AS AUDIO Co. Ltd. 东莞市爱笙电子科技有限公司

Add: No.19 YinPing Road, QingXi Town, DongGuan City, Guangdong Province, China
广东省东莞市清溪镇银坪路19号 Tel: +86-769-39011137 E-mail: leon@as-audio.cn

Zip: 523641

Web: www.as-audio.cn



AS Class-D PRE-1 Amplifier

Excellent equalization (EQ),
Compatible with various inputs



Compatible with various inputs as Phono, Microphone, AUX, CD/DVD, Tape sources;

Tone controls: bass +/-12dB, mid +/-6dB, treble +/-12dB

Item	Parameters
Frequency Response	20Hz - 20K Hz (-3dB)
S/N (A+ weight)	85dB
Harmonic Distortion (THD)	0.1 % (Rated output: -3 dB, 4 Ω , 1 kHz)
Input impedance	47K Ω
Phono input sensitivity	3mV
Microphone input sensitivity	10mV
AUX1 / 2 input sensitivity	150mV
CD/DVD input sensitivity	150mV
TAPE (play/rec out) sensitivity	150mV
Tone control	Bass: +/-12dB Mid: +/- 6dB Treble: +/-12dB
Output	500mV
Power consumption in working mode	20W Max
Power consumption in standby mode	$\leq 0.5W$
Product size (WxDxH) mm	W435xD166xH44
Packing Dimensions (WxDxH) mm	W525xD270xH148
Net weight (kg)	2.20
Gross weight (kg)	3.30
Cabinet color & material	Customization or Galvanized iron & Baked finish



DongGuan AS AUDIO Co. Ltd. 东莞市爱笙电子科技有限公司

Add: No.19 YinPing Road, QingXi Town, DongGuan City, GuangDong Province, China
广东省东莞市清溪镇银坪路19号 Tel: +86-769-39011137 E-mail: leon@as-audio.cn

Zip: 523641
Web: www.as-audio.cn



AS BOX1-TRB

 **Bluetooth V5.3 AptX**

Supported by QCC3031



Qualcomm aptX Low Latency technology ;
Ideal to stream the TV audio to wireless headphones or speakers ;
Various audio ports included, compatible digital & analog inputs OR outputs be EXCHANGABLE in the same box.

Item	Parameters
Bluetooth solution	QCC3031 V5.3
Harmonic Distortion (THD)	0.01 % (Rated output: -3 dB), 4Ω, 1 kHz
S/N (A+ weight)	95dB
Power consumption in working mode	5W max
Power consumption in standby mode	≤0.5W
Input sensitivity	775mV
Input impedance	10KΩ
Output impedance	600Ω
AUX input (R&L)	Yes,775mV
Frequency Response	20Hz-20k Hz(-3dB)
Crosstalk	65 dB
Product size	W100xD96xH29 mm
Packing Dimensions	W145xD140xH80 mm
Net weight (kg)	0.15
Gross weight (kg)	0.35
Cabinet color & material	Customization, or galvanized iron & baked finish



AS BOX2-58G

5.8G & 5.2G Dual Bands

Mostly suitable for powered audio devices.
Supported by Everestek EV01SE



Dual bands includes 5.8G (Blue) and 5.2G (Red) and delivers audio up to 24bit/48kHz;
Wireless transmission & receiving adapter kits, works with specified subwoofers or other speakers;
High-quality wireless transmission delivers all details;
Designed with latency of <17ms and transmission distance >30M

Item

Parameters

Frequency Response@100Hz 0dB

25Hz-20kHz

THD@Rated Power

<0.1% , 200mV @1KHz

Signal To Noise (+A weight)

>88dBm

Latency (delay time)

<10ms

Bands

5.8G / 5.2G

Transmission distance

>30M

AUX Input Sensitivity Rated Power

300mV

Output power

5mW

Impedance (Input&Output)

100KΩ

INPUT 1 & 2

3.5mm Jack & Type C

OUTPUT 1 & 2

3.5mm Jack & Type C

Control keys

1. Long pressing the buttons together to control the channel selection and pairing;
2. Short pressing to jump the band.

Indicator light

5.8G (Blue), 5.2G (Red)

Voltage Input

Type C, DC +5V

Product size

H75xD45xW22 mm

Net weight

0.60 kgs/set

Cabinet color & material

ABS, Alu or customization

DongGuan AS AUDIO Co. Ltd. 东莞市爱笙电子科技有限公司

Add: No.19 YinPing Road, QingXi Town, DongGuan City, GuangDong Province, China
广东省东莞市清溪镇银坪路19号

Tel: +86-769-39011137

E-mail: leon@as-audio.cn

Zip: 523641

Web: www.as-audio.cn



i4c bookshelf speakers i4p table speaker

 **Bluetooth V5.3**



Wood cabinet, designed to achieve the most accurate sound;

Amplifier built with Bluetooth V5.3, TV-arc, Optical, AUX, Phono inputs, incredible good sound.

Item / Parameters

Power consumption in working mode
Power consumption in standby mode
Remote control
DSP solution
Bluetooth solution
Bluetooth input impedance
Bluetooth sensitivity
Optical sensitivity
TV-ARC sensitivity
AUX sensitivity
Phono sensitivity
Harmonic Distortion (THD)
S/N (A+ weight)
Frequency Response / Sat channel
Frequency Response / Subwoofer

AS i4c speaker (by pairs)

180W
≤0.5W
Yes
NTP8938
ATS2853 V5.3
10KΩ
0dB(1KHz)
0dB(1KHz)
0dB(1KHz)
750mV(1KHz)
5mV(1KHz)
0.01 % (Rated output: -3 dB), 4 Ω, 1 kHz
95dB
40Hz - 2.5k Hz (-3dB)
2.5KHz -20KHz (-3dB)

AS i4p (by pcs)

90W
≤0.5W
Yes
NTP8835
ATS2853 V5.3
10KΩ
0db(1KHz)
N/A
N/A
750mV(1KHz)
N/A
≥90dB
30Hz-2.5KHz
2.5KHz-20KHz

Speaker power (RMS)

2ch* WF/60W(4Ω)+ TW/ 15W(8Ω)

1ch* WF/60W(4Ω)+ TW/ 15W(8Ω)

Woofer basket material & treatment

4-in Black steel

Woofer cone size and material

Mat black paper cone

Tweeter dome size and material

1-in Black silk dome

Frequency Response

50Hz - 20KHz

60Hz - 20KHz

Sensitivity

90dB / M/W

88dB / M/W

Product size (HxWxD) mm

W155*D200*H247

W236*D148*H138

Packing Dimensions (HxWxD) mm

W457*D292*H345

W316*D228*H265

Net weight (kg)

7.20

2.96

Gross weight (kg)

8.65

3.90

Cabinet color & material

Customization, or MDF cabinets with grey grille

DongGuan AS AUDIO Co. Ltd. 东莞市爱笙电子科技有限公司

Add: No.19 YinPing Road, QingXi Town, DongGuan City, GuangDong Province, China
广东省东莞市清溪镇银坪路19号 Tel: +86-769-39011137 E-mail: leon@as-audio.cn

Zip: 523641

Web: www.as-audio.cn

BS-3A/4A/5A Powered Bookshelf speakers

 **Bluetooth V5.4 aptX HD**

Supported by QCC3083

BS-3A



BS-4A



BS-5A



Ultra-low power, unprecedented power efficiency ;

Lossless and high-resolution audio (24-bit 96kHz) ;

Bluetooth LE Audio - including audio sharing, Auracast™ broadcast audio.

Item	BS-3A	BS-4A	BS-5A
Bluetooth solution		QCC3083 BT 5.4	
MCU with DSP solution		ACM8628	
Inputs		BT, Arc, USB audio, Opt, AUX	
Amplifier output power (RMS)	2Chx35W	2Chx35W	2Chx35W
Harmonic Distortion (THD)	0.1%(4Ω 1kHz)	0.1%(4Ω 1kHz)	0.1%(4Ω 1kHz)
Power consumption in standby mode	≤0.5W	≤0.5W	≤0.5W
Remote control (Y/N)	Yes	Yes	Yes
Input impedance	10KΩ	10KΩ	10KΩ
S/N (A+ weight)	≥ 90dB	≥ 90dB	≥ 90dB
Frequency Response	65Hz- 20k Hz	55Hz- 20k Hz	45Hz- 20k Hz
Speaker power (RMS)	2Chx(15W+30W)	2Chx(15W+35W)	2Chx(15W+40W)
Woofer	3" paper cone	4" fiberglass cone	5" fiberglass cone
Tweeter	0.75" silk dome	0.75" silk dome	0.75" silk dome
Sensitivity	85dB / M/W	86dB / M/W	87dB / M/W
Product size (mm)	W110 x H194 x D155	W140 x H235 x D200	W158 x H248 x D200
Net weight	3.60 kg (1 pairs)	5.50 kg (1 pairs)	7.20 kg (1 pairs)
Cabinet color & material		PVC Coated / Painted MDF	



TS-5A Powered Bookshelf speakers

 **Bluetooth V5.4 aptX HD**

Supported by QCC3083



Wood cabinet, designed to achieve the most accurate sound;

Amplifier built with Bluetooth V5.4, eArc, Optical, AUX, Phono inputs, incredible good sound.

Item

Speaker Unit
Frequency Response +/-3dB@1KHZ 0dB
THD @Rated Power
Rated Power Signal To Noise (+A)
THD+N Ratio (1W)
Noise Level
Crosstalk One Channel Undriven
Crossover Point
Bluetooth input sensitivity
Low Frequency Input Sensitivity
High Frequency Input Sensitivity
High Voltage Test
Standby power consumption

Input Mode
Output Mode
Output Power
AC Voltage Input
Product size
Net Weight

CLASS-D chip with volume control chip
MOSFET
Power-Drive chip
Operational amplifiy
MCU
Bluetooth chip

Parameters

Tweeter 1" 4 Ω , Woofer 5.25" 4 Ω
40Hz-20KHz
LF(4 Ω):60W $\leq$ 1% ;HF(8 Ω):30W $\leq$ 1% limiter
LF $\geq$ 85dB (1K Hz)Max Power;HF $\geq$ 85dB (10K Hz)@Max Power
LF $\leq$ 0.1%(1K Hz);HF $\leq$ 0.1%(3.5K Hz)
LF $\leq$ 0.5mV;HF $\leq$ 0.5mV
LF $\geq$ 68dB(1W);HF $\geq$ 68dB(1W)
3.2KHz(AMP), 3.3KHz(SPL)
0dB
500mV/60W(65Hz)
850mV/30W(5KHz)
3000V 5mA
<0.5W

Aux / Phono / Opt / HDMI(eARC) / BT5.4
RCA (Pre- out)
4 x Speakers, LF=60W $\times$ 2Ch + HF=30W $\times$ 2Ch
100~240 VAC, 60/50 Hz
W158 x H248 x D200 mm
4.90 Kg

BA95642 (AMP+DSP)
HW15N65F
LD7575PS
TP2412 (Phono); TPF632C (Pre- out)
Actions ATS2853
SJR-BTM383 aPtx, Qualcomm QCC3083 BT5.4

DongGuan AS AUDIO Co. Ltd. 东莞市爱笙电子科技有限公司

Add: No.19 YinPing Road, QingXi Town, DongGuan City, GuangDong Province, China
广东省东莞市清溪镇银坪路19号 Tel: +86-769-39011137 E-mail: leon@as-audio.cn

Zip: 523641
Web: www.as-audio.cn



Air5 & Air 5 Pro Handled speakers



Supported by QCC3083



Wood cabinet, designed to achieve the most accurate sound;

Amplifier built with Bluetooth 5.3/5.4, Arc, Optical, AUX, Phono inputs, incredible good sound.

Item	Parameters
Speaker Unit	Tweeter 1" 4 Ω , Woofer 5.25" 4 Ω
Frequency Response +/-3dB@1KHZ 0dB	40Hz-20KHz
THD @Rated Power	LF(4 Ω):50W $\leq$ 1% ;HF(8 Ω):15W $\leq$ 1% limiter
Rated Power Signal To Noise (+A)	LF $\geq$ 85dB (1K Hz)Max Power;HF $\geq$ 85dB (10K Hz)@Max Power
THD+N Ratio (1W)	LF $\leq$ 0.1%(1K Hz);HF $\leq$ 0.1%(3.5K Hz)
Noise Level	LF $\leq$ 0.5mV;HF $\leq$ 0.5mV
Crosstalk One Channel Undriven	LF $\geq$ 68dB(1W);HF $\geq$ 68dB(1W)
Crossover Point	3.2KHz(AMP), 3.3KHz(SPL)
Bluetooth input sensitivity	0dB
Low Frequency Input Sensitivity	500mV/50W(65Hz)
High Frequency Input Sensitivity	850mV/15W(5KHz)
High Voltage Test	3000V 5mA
Standby power consumption	<0.5W
Input Mode	Aux / Phono / Opt / HDMI(Arc) / BT5.3
Output Mode	RCA (Pre- out)
Output Power	4 x Speakers, LF=50W $\times$ 2Ch + HF=15W $\times$ 2Ch
AC Voltage Input	100~240 VAC, 60/50 Hz
Product size	H186.4mm*W184.9*D301.4mm
Net Weight	4.50 Kg
CLASS-D chip with volume control chip	NTP8935 (AMP+DSP)
MOSFET	HW15N65F
Power-Drive chip	LD7575PS
Operational amplifiy	TP2412 (Phono); TPF632C (Pre- out)
MCU	Actions ATS2853
Bluetooth chip	Air 5: ATS2853 BT5.3 & Air 5 Pro: Qualcomm QCC3083 BT5.4



AS Potable Speakers built-in Class-D amplifier



EP9511T supports 2.0 (stereo)
up to 5.1.2 audio sources.

A fashionable design is ~
creating a better music life.



Stepwised power output - be adjusted according to the optimal performance required by the music;

Seamlessly fitting into any modern home style and outdoor funs.

SOUND

Maximum Loudness (SPL):

95 dB @ 1 m

Amplifier:

75 Watt Class D amplifiers (50W woofer+15W tweeter), Stepwised output

Frequency range:

40Hz-20KHz

Drive Units:

1×100mm (4") Woofer and 1×25mm (1") Tweeter

Cabinet Principle:

Bass-Reflex

Power:

100-240V, 50/60Hz

BATTERY

Battery Type:

Built-in, rechargeable Li-ion battery 35 Wh 11.1V 3200mAh

Play Time:

Up to 23hours at normal volume levels (50% volume level)

Charging (with USB-C):

Fast charging with 2 hours full recharge, 20 mins charging provides 4.5H playback.

CONNECTIVITY

Connectivity:

Bluetooth 5.3, BLE Auracast-ready

Input Connection:

AUX 3.5mm, HDMI (eARC)

Wireless sound:

Up to 50m (164 feet) range

Control panel:

Power, volume up/down, BT pairing, TWS mode

DIMENSIONS

Dimensions:

W194*H203*D122 mm

Weight:

2.93 kgs



AS Monitor5

Class-D Monitor speakers

Drive high & low frequency separately
Supported by TDA3251



Originally amplify without any added sound;

Relatively uniform response to different frequencies;

Provides a neutral and unbiased sound environment.

Item

Tweeter

Woofer

Speakerbox size

Frequency Response @100Hz 0dB

THD_High frequency@Rated Power

THD_Low frequency@Rated Power

S/N (+A weight)

Standby consumption

Input 1 (RCA) Low Level Input Sensitivity

Input 2 (XLR) LFE Input Sensitivity

High Voltage Test

Output

Class-D Drive chip

Control

Ac power

PCBA size

Parameters

20mm Black silk dome, 30W@8Ω

5.25", Black Alu cone, 80W@4Ω

H300*W185*D200 mm

20Hz-20KHz

<1% , 30W

<1% , 80W

>90dBm

<0.5W

775mV

1.55V

3000VAC

1 x Speaker

TDA3251

Volume level,

LF-TRIM (100Hz ±5dB),

HF-TRIM (10KHz ±5dB)

110V/60Hz or 220V/50Hz

H176xW108xD66 mm



AS Class-D amplifier TriAmp / 3-way

DSP solution: AD83586C



Separate amp for the lows, mids, and high frequency,
Volume Control: System gain range from -12 dB to 0 dB;

Balanced XLR and ¼" TRS line inputs and unbalanced RCA inputs;

Distortion-Free Playback at Max Volume Listening;

World class top of the line audiophile grade components, Thermal and Overload / Clip Protection.

Item	Parameters
DSP solution	AD83586C
Frequency Response	TW: 3KHz-20KHz MF: 300Hz-3KHz WF: 20Hz-300Hz
Function buttons	Volume +/-, Gain 0/-12dB; Low filter -3/0/+3dB, High filter -2/0/2dB
RCA Input sensitivity	400MV (1KHz)
XLR Input sensitivity	800 (1KHz)
Input impedance	10KΩ
Harmonic Distortion (THD)	TW=20W ≤ 1% (4Ω 5kHz) MF=40W ≤ 1% (4Ω 1kHz); WF=150W ≤ 1% (4Ω 100Hz)
S/N (A+ weight)	≥ 85dB
Power output	TW=20W@4Ω; MF=40W@4Ω; WF=150W@4Ω
Power consumption in working mode	180W
Power consumption in standby mode	≤ 0.5W
Product size (mm)	H132*W210*D200
Packing Dimensions (mm)	L271*W261*H195
Packing weight (kg)	0.95Kg



AS BS-M6 DUAL

Powered Monitor speakers

Bluetooth V5.0

Supported by QCC5124



Suitable for both Home audio and Profession usages;

Single output boosts each 2-way speaker independently.

Item

Parameters

System mode	2-way 4-speaker inverted phase system
CLASS-D chip	TPA3116D2/TPA3126D2
MOSFET	HCD65R320/WMO30P10TS
MCU	STC8H1K24
BT chip	QCC5124 (BT5.0)
Tweeter	1" dome tweeter, 25W@8Ω
Woofer	6.5" mid-range & woofer, 80W@6Ω
Frequency Response@1KHZ 0dB	35Hz-20KHz
THD@Rated Power	<1% 43W(6R) / <5% 52W(6R) limiter
Signal To Noise (+A)	>91dB @Max Power
Tweeter/woofer Noise Level	<450uV/410uV
Crossover point	3.1KHz
Standby power consumption	<0.5W
Power supply	100-240VAC 60/50Hz
Product size	W230xH365xD276 mm
Net weight	6.80 kgs



**AS FL-M6 Monitor
HiFi Floor standing
Active speakers**

DSP TPA3156D2

Bluetooth V5.4 aptX HD
Supported by QCC3803



Each loudspeaker optimizes for a specific part of the audio spectrum:

Woofer — handles low frequencies (bass)

Midrange driver — covers the vocal and instrumental sweet spot

Tweeter — produces high frequencies (treble and sparkle)

Each driver is assigned its range through an internal crossover, ensures cleaner separation of frequencies and less distortion.

Item

Speaker Unit
Frequency Response +/-3dB@1KHZ 0dB
THD @Rated Power
Rated Power Signal To Noise (+A)
THD+N Ratio (1W)
Noise Level
Crosstalk One Channel Undriven
Crossover Point
Bluetooth input sensitivity
PHONO /XLR Input Sensitivity
RCA input sensitivity
High Voltage Test
Standby power consumption

Inputs
Controls
Output Power
AC Voltage Input
Product size
Net Weight

CLASS-D chip
MOSFET
Power-Drive chip
Operational amplifier
MCU
Bluetooth chip
Volume Control chip

Parameters (2-way 6-speaker sealed system)

Dome tweeter: 2" 8 Ω ; woofers x 2: 6" 4 Ω
35Hz-20KHz
LF<1% 70W(4 Ω), HF<0.5% 30W(8 Ω) limiter
LF>99dB, HF>95dB @Max Power
LF<0.03%, HF<0.02% @1W
LF Level < 180uV, HF Level < 250uV
80dB/90dB
2.5KHz
800mV(1KHz)
800mV(1KHz)
800mV(1KHz)
3000V 5mA
<0.5W
RCA Jack/ PHONO/XLR Jack, BT/USB
Volume, MODE, telecontroller(remote control), Trigger In
4 x SPEAKER
100~240 VAC, 60/50 Hz
H900 (+30) mm*W206*D266mm
29.8 kg

TPA3156D2
HCD65R320/WMO30P10TS
OB5269CP
TL074
STC8H8K24
QCC3083 BT5.4
NJW1195A



AS-310 Soundbar as a 2.1 system

 **Bluetooth V5.3**

Optional Karaoke function.

All-in-one, equipped with DSP to enhance your listening, KTV singing or Speech experience with TV (Arc), Bluetooth, USB, Coaxial, Optical and Aux (3.5mm) inputs; bass EQ +/- by remote control.

Item	Parameters
Power output (RMS)	2.1 system, 2Ch*13W/ch + 40W/Sub, 4Ω
Power consumption in working mode	72W
Power consumption in standby mode	<1.3W
Input sensitivity	500mV
Frequency Response / Sat channel	200Hz - 20k Hz (-3dB)
Frequency Response / Subwoofer	20Hz - 200 Hz (-3dB)
Harmonic Distortion (THD)	0.05% (Rated output: -3 dB), 6Ω, 1 kHz
S/N (A+ weight)	85dB
Remote control	Yes
Power adapter	Yes, 24V/3A
DSP solution	AD83586B
Bluetooth solution	V5.3, AB5301A
Subwoofer unit	3", Black steel basket, paper cone
Full-range driver	100x60mm, Black steel basket, paper cone
Frequency Response	55~20KHz
Sensitivity	86dB /M/W
Product size (WxDxH) mm	W920xD134xH80
Packing Dimensions (WxDxH) mm	W1005xD294xH182
Net weight (kg)	4.50
Gross weight (kg)	5.70
Cabinet material & material	Per customization



AS Class-D amplified BT2N (TX-RX) transceiver

bookshelf speakers & powered subwoofer

Bluetooth V5.3

Multi channels broadcast.

Serial connection (TX connects to RX): Conveniently be used for multi channels for background music, and to set up a N.N system by selecting L/R/L+R channel.

TX: the data-sending end, generally plays the role as the transmitter;

RX: the data-receiving end, generally plays the role as the receiver, low latency (<60mS).

Item / Parameters	TA4 Bookshelf speaker	SUB300 Subwoofer
Amplifier output power (RMS)		
Power consumption in working mode	90W	390W max
Power consumption in standby mode	≤ 0.5W	≤ 0.5W
Remote control (Y/N)	Yes	N/A
DSP solution	NTP8835	N/A
Bluetooth solution	ATS2835P V5.3	ATS2835 V5.3
Bluetooth input sensitivity	600mV	175mV
Aux (R&L) input sensitivity	N/A	250mV
Input impedance	10KΩ	10KΩ
Harmonic Distortion (THD)	woofer=60W≤0.1%(4Ω 1kHz); tweeter=15W≤0.1%(8Ω 1kHz)	0.01 % (Rated output: -3 dB), 4 Ω, 100Hz
S/N (A+ weight)	≥ 90dB	103dB
Frequency Response	30Hz-2.5KHz-20Hz	20Hz - 200 Hz (-3dB)
Speaker power (RMS)	50W	350W
Woofer basket material & treatment	4.5" coaxial, black steel basket	10", black steel basket
Woofer cone size and material	Mat black paper cone	Mat black paper cone
Tweeter dome size and material	0.75" silk dome	N/A
Frequency Response	60Hz - 20KHz	20Hz - 100Hz
Sensitivity	88dB / M/W	89dB /M/W
Product size (WxDxH) mm	W240xD220xH359	W310xD310xH310
Packing Dimensions (WxDxH) mm	W315xD295xH439	W402xD402xH443
Net weight (kg)	5.80	12.70
Gross weight (kg)	7.20	14.20



AS SWS-CEIL1 Wireless Powered Ceiling speakers



Multi-channel solution



Lossless and high-resolution audio (24-bit 192KHz)

Compatible with Airplay, BT5.0, DLNA upnp, Spotify, Tidal, Deezer, Qobuz, Amazon Music, QQ Music etc.

Bluetooth 5.0, AUX in (3.5mm)

Item

Speakers:

Tweeter:

Woofer:

Sensitivity:

Frequency response:

Net weight:

Product size:

Cut-out mounting:

Parameter

1" Metal Aluminum

6.5" Glassfiber

90dB $\pm$ 3dB

50Hz-22kHz

Active=1.80kg, Passive=1.60kg

Ø237 x H110 mm

Ø210 x D105 mm

Amplifier:

Output power:

S/N:

THD:

Sampling:

Wired network speed:

Wireless network speed:

Working temperature:

Power supply:

Inputs:

Buttons:

Tweeter 15W@8Ωx2ch

Woofer 60W@4Ωx2ch

$\geq$ 90dB(A weight)

$\leq$ 0.95%

24 bit / 192 KHz

10/100 Mbps

802.11 b/g/n standard with up to 300 Mbps

40°C

AC 100-240V, 50/60Hz / 94W

AUX IN(3.5mm) x1, BT5.0 x1, WiFi x1, RJ45 x2

Pairing/reset x1, Source/Input x1

DongGuan AS AUDIO Co. Ltd. 东莞市爱笙电子科技有限公司

Add: No.19 YinPing Road, QingXi Town, DongGuan City, GuangDong Province, China
广东省东莞市清溪镇银坪路19号 Tel: +86-769-39011137 E-mail: leon@as-audio.cn

Zip: 523641

Web: www.as-audio.cn



AS-WF51 Wireless Ceiling + Subwoofer Powered 5.1A system

 **Bluetooth v5.3**

LCD display controlling



Decoding D2 solution, WiFi player

WiFi supported by SMSC DWHP83 Module (bases on Microchip DARR-83) Wireless Audio Processor

Item

Remote controller
Controlling jack
Updating jack
Inputs
Output
Power supply

Parameters

Yes
RS-232
USB2.0
2xHDMI, 1 x Analog, 1xOptical, 1xBT5.3 (Actions)
1xHDMI,
DC 12V/2A

Satellite 5 speakers:

Power supply
Output power
Tweeter
Mid-range & woofer
Frequency respons
Sensitivity
Distortion
S/N

DC 24V/3A
Tweeter 20W(4Ω), mid-range & woofer: 60W(4Ω)
13mm alu dome with neodymium magnet
Coaxial 3.5" 4Ω
110Hz-20kHz
300mV
< 0.1% (1W 1KHz)
> 90dB (A+weight)

Subwoofer:

Power supply
Output power
Woofer unit
Frequency response
Sensitivity
Distortion
S/N

AC 100V~240V, 50/60Hz
600W THD 1%
10" long stroke, 4Ω
20Hz-110Hz
200mV 100Hz THD1%
< 0.8% (1W 100Hz)
> 80dB (A+weight)