

## DS-QAE0A120G1-VB6/110 120W 6-Zone Analog Amplifier



- The device has 2 auxiliary (AUX) line inputs, 1 emergency (EMC) input, and 2 microphone inputs; 1 auxiliary output, capable of cascading to the next power amplifier.
- Microphone 1/2, emergency line input, and line 1/2 can be independently adjusted, and it also has total volume control.
- Built in Bluetooth/MP3 function module for content playback on the phone.
- Equipped with six independent volume adjustment output functions.
- Mic 1 and emergency line EMC inputs have the highest priority level, while Mic 1 and EMC have mixed outputs that can strongly cut other audio input signals.
- Mic 2, Line 1, Line 2, and MP3 (Bluetooth/SD/USB) have mixed output.
- Equipped with high and low frequency adjustment function.
- Equipped with advanced short-circuit, overheating, and overload protection functions.
- The circuit is equipped with amplitude limiting function to prevent excessive output of the amplifier and protect the speaker.
- Supports multiple indicator light displays (power, signal).
- By adopting a forced cooling structure with a fan, the machine can operate for a long time.

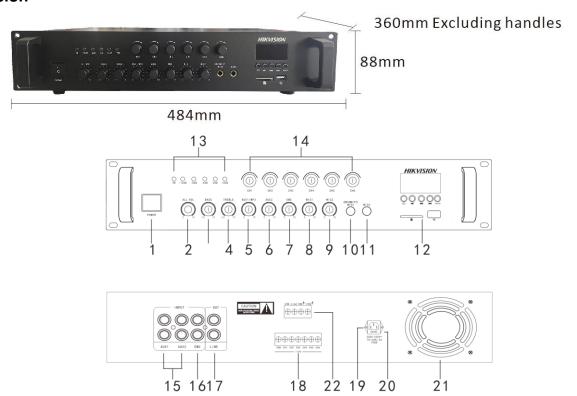


## Specification

Rated Power   120W	Model		DS-QAE0A120G1-VB6/110		
Note	Rated Powe		120W		
Name	Audio	Sensitivity	Line: -10dB		
Multi-4-008   Mine: 0d8			EMC: -10dB		
Prequency Response   80Hz-18KHz (±3dB)     THD and SNR			MIC: -40dB		
Response   S0H2-18KH2 (13dB)     THD and SNR			line: OdB		
THD and SNR   SNR≥83dB   EMC   N × 1,   6.5 mm Microphone × 2,   Auxil N × 2,   Bluetooth,   USB2.0,   SD card   Constant Voltage Output × 1, 110 V COM,   Constant Voltage Output × 1, 70 V COM,   Constant Impedance Output × 1, 4~16Ω COM,   Partition Output × 6, 110 V COM,   line out × 1,   MiC Volume Knob × 2,   Partition 1 Volume Knob × 6,   All Volume Knob × 1,   Auxil MP3 Volume Knob × 1,   EMC Volume Knob × 1,   Auxil MP3 Volume Knob × 1,   EMC Vo			80Hz-18KHz (±3dB)		
SNR-83dB     EMC IN × 1,     6.5 mm Microphone × 2,     AUdio In   Bilactooth,     USB2.0,     SD card     Constant Voltage Output × 1. 110 V COM,     Constant Voltage Output × 1. 70 V COM,     Constant Voltage Output × 1. 4~16Ω COM,     Constant Impedance Output × 1. 4~16Ω COM,     Partition Output × 6. 110 V COM,     Inine out × 1,     MIC Volume Knob × 2.     Partition 1 Volume Knob × 6.     All Volume Knob × 1.     Bass Volume Knob × 1.     Bass Volume Knob × 1.     AUX1/MP3 Volume Knob × 1.     AUX2 Volume Knob × 1.     EMC Volume Knob × 1.     AUX2 Volume Knob × 1.     AUX2 Volume Knob × 1.     AUX2 Volume Knob × 1.     Bass Volume Knob × 1.     AUX2 Volume Knob × 1.     Bass Volume Knob × 1.     AUX2 Volume Knob × 1.     AUX2 Volume Knob × 1.     AUX2 Volume Knob × 1.     Bass Volume Knob × 1.     AUX2 Volume Knob × 1.     Bass		THD and SNR	THD≤0.5%		
Audio In   Audio In   Bluetooth,   USB2.0,   SD card			SNR≥83dB		
Audio In   AUX IN × 2, Bluetooth, USB2.0, SD card		Audio In	EMC IN × 1,		
Rudio In   Bluetooth, USB2.0, SD card			6.5 mm Microphone × 2,		
Bluetooth, USB2.0, SD card			AUX IN × 2,		
SD card			Bluetooth,		
Constant Voltage Output × 1, 110 V COM,			USB2.0,		
Interface  Audio Out  Constant Voltage Output × 1, 70 V COM, Constant Impedance Output × 1, 4"16Ω COM, Partition Output × 6, 110 V COM, line out × 1,  MIC Volume Knob × 2, Partition 1 Volume Knob × 6, All Volume Knob × 1, Bass Volume Knob × 1, AUX1/MP3 Volume Knob × 1, AUX2 Volume Knob × 1, EMC Volume Knob × 1, EMC Volume Knob × 1  USB  USB2.0  Power  110V-127V~ 60Hz 7A  Material Iron Dimension  484 × 88 × 360mm Weight Approx. 9.2 kg (20.28 lb.)  Package Dimension  With Package Weight Volume Knob × 9, Approx. 9.5 Kg(20.94 lb.)  Volume Knob × 1  Color Black Packing List One machine and one power cord Operating Temperature  7.0°+ 40°C , (±2) Temperature 20%~80% relative humidity			SD card		
Interface  Audio Out Constant Impedance Output × 1, 4~16Q COM, Partition Output × 6, 110 V COM, line out × 1,  MIC Volume Knob × 2, Partition 1 Volume Knob × 6, All Volume Knob × 1, Bass Volume Knob × 1, Treble Volume Knob × 1, AUX1/MP3 Volume Knob × 1, AUX2 Volume Knob × 1, EMC Volume Knob × 1, EMC Volume Knob × 1  USB USB.0  Volume Knob × 1  Iron Dimension Weight Approx. 9.2 kg (20.28 lb.) Package Dimension Weight Approx. 9.5 Kg(20.94 lb.) Volume Knob × 1  Color Black Packing List One machine and one power cord Operating To~+ 40°C, (±2) Temperature 20%*80% relative humidity			Constant Voltage Output × 1, 110 V COM,		
Partition Output × 6, 110 V COM,   line out × 1,   MIC Volume Knob × 2,   Partition 1 Volume Knob × 6,   All Volume Knob × 1,   Bass Volume Knob × 1,   Treble Volume Knob × 1,   AUX1/MP3 Volume Knob × 1,   AUX2 Volume Knob × 1,   AUX2 Volume Knob × 1,   EMC Volume Knob × 1		Audio Out	Constant Voltage Output × 1, 70 V COM,		
Iline out × 1,  MIC Volume Knob × 2. Partition 1 Volume Knob × 6. All Volume Knob × 1. Bass Volume Knob × 1. Treble Volume Knob × 1. AUX1/MP3 Volume Knob × 1. AUX2 Volume Knob × 1. EMC Volume Knob × 1.  USB USB2.0  Power 110V-127V~ 60Hz 7A  Material Iron Dimension 484 × 88 × 360mm  Weight Approx. 9.2 kg (20.28 lb.)  Package Dimension With Package Weight Color Black Packing List One machine and one power cord Operating -10*+ 40*C, (±2) Temperature  MIC Volume Knob × 2. Partition 1 Volume Knob × 1. AUX2			Constant Impedance Output $\times 1$ , $4^{\sim}16\Omega$ COM,		
Iline out × 1,	1		Partition Output × 6, 110 V COM,		
Volume Knob   Partition 1 Volume Knob × 6,   All Volume Knob × 1,   Bass Volume Knob × 1,   Treble Volume Knob × 1,   AUX1/MP3 Volume Knob × 1,   AUX2 Volume Knob × 1,   EMC Volume Knob × 1	interrace		line out × 1,		
All Volume Knob × 1, Bass Volume Knob × 1, Treble Volume Knob × 1, AUX1/MP3 Volume Knob × 1, AUX2 Volume Knob × 1, AUX2 Volume Knob × 1  USB USB2.0  Power 110V-127V~ 60Hz 7A  Material Iron Dimension 484 × 88 × 360mm  Weight Approx. 9.2 kg (20.28 lb.)  Package Dimension With Package Dimension Weight Approx. 9.5 Kg(20.94 lb.)  Color Black Packing List One machine and one power cord Operating Temperature 20%~80% relative humidity		Volume Knob	MIC Volume Knob × 2,		
Volume Knob   Bass Volume Knob × 1,			Partition 1 Volume Knob × 6,		
Treble Volume Knob ×1, AUX1/MP3 Volume Knob ×1, AUX2 Volume Knob ×1, EMC Volume Knob ×1  USB USB2.0  Power 110V-127V~ 60Hz 7A  Material Iron Dimension 484 × 88 × 360mm  Weight Approx. 9.2 kg (20.28 lb.)  Package Dimension Weight Approx. 9.5 Kg(20.94 lb.)  Color Black Packing List One machine and one power cord Operating -10~+ 40°C, (±2) Temperature  VINDED TREAD TO THE METHOD T			All Volume Knob × 1,		
Treble Volume Knob ×1, AUX1/MP3 Volume Knob ×1, AUX2 Volume Knob ×1, EMC Volume Knob ×1  USB USB2.0  Power 110V-127V~ 60Hz 7A  Material Iron Dimension 484 × 88 × 360mm  Weight Approx. 9.2 kg (20.28 lb.)  Package Dimension With Package Veight Approx. 9.5 Kg(20.94 lb.)  Color Black Packing List One machine and one power cord Operating -10~+ 40°C, (±2) Temperature 20%~80% relative humidity			Bass Volume Knob × 1,		
AUX2 Volume Knob ×1,   EMC Volume Knob ×1   USB			Treble Volume Knob ×1,		
BMC Volume Knob ×1			AUX1/MP3 Volume Knob ×1,		
USB USB2.0  Power 110V-127V~ 60Hz 7A  Material Iron  Dimension 484 × 88 × 360mm  Weight Approx. 9.2 kg (20.28 lb.)  Package Dimension  With Package Weight  Color Black  Packing List One machine and one power cord  Operating -10~+ 40°C, (±2)  Temperature 20%~80% relative humidity			AUX2 Volume Knob ×1,		
Power   110V-127V~ 60Hz 7A			EMC Volume Knob ×1		
Material Iron  Dimension 484 × 88 × 360mm  Weight Approx. 9.2 kg (20.28 lb.)  Package Dimension 484 × 88 × 395mm  With Package Weight Approx. 9.5 Kg(20.94 lb.)  Color Black Packing List One machine and one power cord  Operating -10~+ 40°C , (±2)  Temperature 20%~80% relative humidity		USB	USB2.0		
Dimension 484 × 88 × 360mm  Weight Approx. 9.2 kg (20.28 lb.)  Package Dimension 484 × 88 × 395mm  With Package Weight Approx. 9.5 Kg(20.94 lb.)  Color Black Packing List One machine and one power cord Operating -10~+ 40°C, (±2) 20%~80% relative humidity		Power	110V-127V∼ 60Hz 7A		
Weight Approx. 9.2 kg (20.28 lb.)  Package Dimension 484 × 88 × 395mm  With Package Weight Approx. 9.5 Kg(20.94 lb.)  Color Black Packing List One machine and one power cord  Operating -10~+ 40°C, (±2) Temperature 20%~80% relative humidity	General	Material	Iron		
Package Dimension  With Package Weight  Color Black Packing List One machine and one power cord Operating Temperature  Package Dimension  484 × 88 × 395mm  Approx. 9.5 Kg(20.94 lb.)  One machine and one power cord  Operating Temperature 20%~80% relative humidity		Dimension	484 × 88 × 360mm		
Dimension  With Package Weight  Color Black Packing List One machine and one power cord Operating Temperature  -10~+ 40°C, (±2) 20%~80% relative humidity		Weight	Approx. 9.2 kg (20.28 lb.)		
Approx. 9.5 Kg(20.94 lb.)  Color Black  Packing List One machine and one power cord  Operating -10~+ 40°C, (±2)  Temperature 20%~80% relative humidity			484 × 88 × 395mm		
Packing List One machine and one power cord  Operating -10~+ 40°C , (±2)  Temperature 20%~80% relative humidity		_	Approx. 9.5 Kg(20.94 lb.)		
Operating -10~+ 40°C , (±2) Temperature 20%~80% relative humidity		Color	Black		
Temperature 20%~80% relative humidity		Packing List	One machine and one power cord		
		Operating	-10~+ 40°C , (±2)		
Installation Cabinet installation		Temperature	20%~80% relative humidity		
		Installation	Cabinet installation		



## Dimension



1	Power switch	13	Levelindicator light
2	Master volume		Six zone independent volume
3	Bass adjustment	14	adjustment knob
4	Treble adjustment		AUX1/AUX2 line input
5	AUX1/MP3 volume adjustment		Emergency input
6	AUX2 volume adjustment	17	Line output
7	Emergency volume adjustment		110V constant voltage partition output
8	MIC1 Volume adjustment		Power socket
9	MIC2 Volume adjustment		Fuses
10	MIC1 input(PRIOROTY)		Power amplifier cooling fan
11	MIC2 input		Main output of power amplifier
12	MP3 module		





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