

**DS-QAE0A120G1-VB6**  
**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.

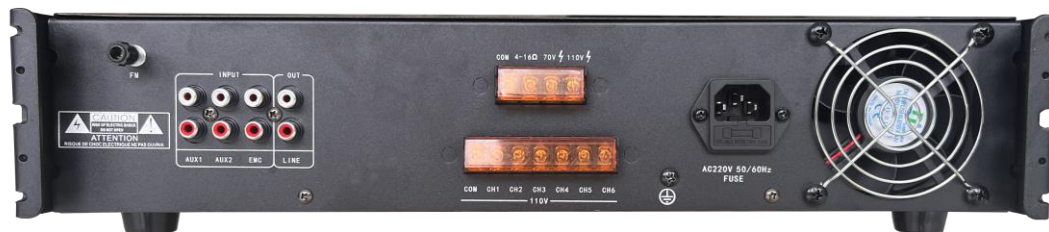
## ▪ Specification

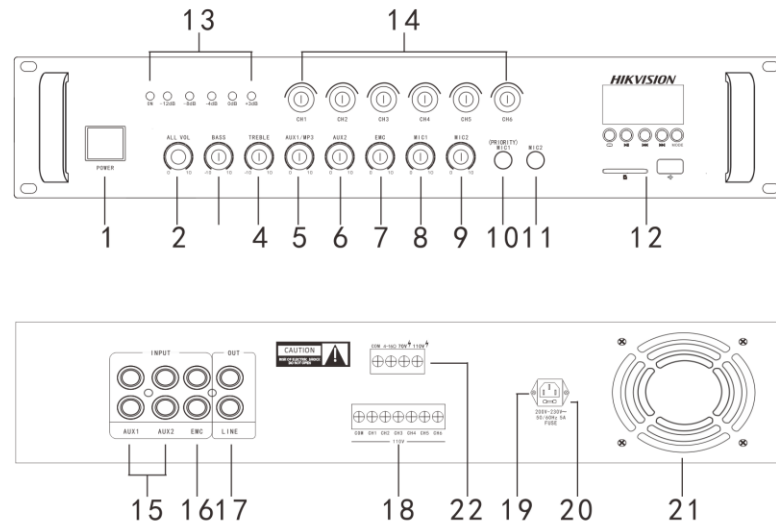
| Model     |                       | DS-QAE0A120G1-VB6   |
|-----------|-----------------------|---|
| Audio     | Rated Power           | 120W  |
|           | Sensitivity           | Line: -10dB<br>EMC: -10dB<br>MIC: -40dB<br>line: 0dB  |
|           | Frequency Response    | 80Hz-18KHz (±3dB)   |
|           | THD and SNR           | THD≤0.5%<br>SNR≥83dB  |
| Interface | Audio In              | EMC IN × 1,<br>6.5 mm Microphone × 2,<br>AUX IN × 2,<br>Bluetooth,<br>USB2.0,<br>SD card  |
|           | Audio Out             | Constant Voltage Output × 1, 110 V COM,<br>Constant Voltage Output × 1, 70 V COM,<br>Constant Impedance Output × 1, 4~16Ω COM,<br>Partition Output × 6, 110 V COM,<br>line out × 1,                           |
|           | Volume Knob           | MIC Volume Knob × 2,<br>Partition 1 Volume Knob × 6,<br>All Volume Knob × 1,<br>Bass Volume Knob × 1,<br>Treble Volume Knob × 1,<br>AUX1/MP3 Volume Knob × 1,<br>AUX2 Volume Knob × 1,<br>EMC Volume Knob × 1 |
|           | USB                   | USB2.0  |
| General   | Power                 | 200V-230V~, 50/60Hz 5A  |
|           | 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 Temperature | -10~+ 40°C, (±2)<br>20%~80% relative humidity   |
|           | Installation          | Cabinet installation  |

▪ Available Model

DS-QAE0A120G1-VB6

▪ Dimension





|    |                             |    |   |
|----|-----------------------------|----|---|
| 1  | Power switch                | 13 | Level indicator light                       |
| 2  | Master volume               | 14 | Six zone independent volume adjustment knob |
| 3  | Bass adjustment             |    |   |
| 4  | Treble adjustment           |    |   |
| 5  | AUX1/MP3 volume adjustment  | 15 | AUX1/AUX2 line input                        |
| 6  | AUX2 volume adjustment      | 16 | Emergency input                             |
| 7  | Emergency volume adjustment | 17 | Line output                                 |
| 8  | MIC1 Volume adjustment      | 18 | 110V constant voltage partition output      |
| 9  | MIC2 Volume adjustment      | 19 | Power socket                                |
| 10 | MIC1 input(PRIOROTY)        | 20 | Fuses                                       |
| 11 | MIC2 input                  | 21 | Power amplifier cooling fan                 |
| 12 | MP3 module                  | 22 | Main output of power amplifier              |

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