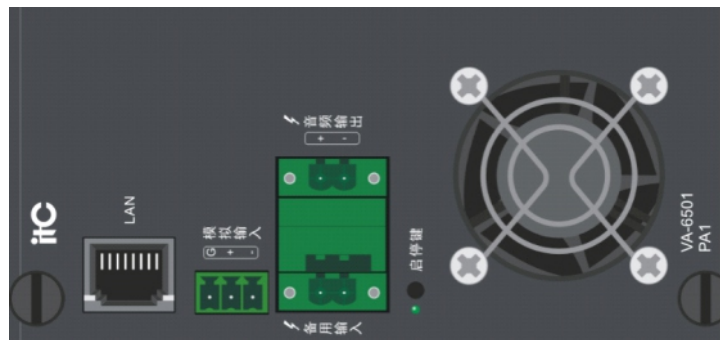




# Amplifier Board

## PA1 (VA-6501)



### Feature:

- \* Digital decoding amplifier board
- \* Efficiency Class D amplifier
- \* Built-in digital decoder to decode network audio directly
- \* Support disconnected local emergency audio input broadcast
- \* Loop state detection for output zones
- \* Support the backup mode of 4-main-1-standby, 5 amplifier boards
- \* Support the real-time indication of the working state of the amplifier board
- \* Support automatic switching of amplifier board failure
- \* Support uninterrupted maintenance and repair, and use the start-stop function on the module

### Specifications:

|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
| Model                     | VA-6501                                                                             |
| Input Voltage             | $\pm 85$ V DC                                                                       |
| Output Voltage            | 100V                                                                                |
| Output Power              | 120W                                                                                |
| THD                       | $\leq 1\%$ (rated output power), 1KHz                                               |
| Frequency response        | 40Hz-16KHz (+ 1dB,-3dB)                                                             |
| SNR                       | $\geq 80$ dB                                                                        |
| Heat dissipation mode     | Forced air cooling                                                                  |
| Protection mode           | Over-voltage, over-current, high temperature, overload and short circuit protection |
| Amplifier input           | Digital signal and 100V emergency audio signal                                      |
| Emergency audio interface | Balanced Input                                                                      |
| Dimension                 | L 124xW 60xH 263                                                                    |
| Weight                    | 1.1 kg                                                                              |