## Parameters of ES608

| | |
|---|---|
| Power Supply: | DC12V　DC10V~14.4V |
| Power on mode: | ACC or high-level input (IN2 channel) |
| Input: | high level×6ch,RCA×6ch,Coaxial×1,Optical×1 |
| Sampling rate: | 192KHz |
| Output: | RCA×8 ch |
| Output amplitude: | 17Vp-p (6Vrms)/47K, output impedance: 100 |
| Frequency Response: | 20Hz-20KHz |
| Signal to Noise Ratio: | 95dB |
| Total Harmonic Distortion: | <0.03% (low level output) |
| Size: | 180×160×45mm |

## Parameters of ES812

| | |
|---|---|
| Power Supply: | DC12V　DC10V~14.4V |
| Power on mode: | ACC or high-level input (IN2 channel) |
| Input: | high level×8ch,RCA×8ch,Coaxial×1,Optical×1 |
| Sampling rate: | 192KHz |
| Output: | RCA×12ch |
| Output amplitude: | 17Vp-p (6Vrms)/47K, output impedance: 100 |
| Frequency Response: | 20Hz-20KHz |
| Signal to Noise Ratio: | 95dB |
| Total Harmonic Distortion: | <0.03% (low level output) |
| Size: | 180×160×45mm |

Rebec

# USER MANUAL FOR DIGITAL SIGNAL PROCESSOR

## Matters Needing Attention:

·For your safety, please do not operate the machine while driving;

·When driving a vehicle, please adjust the volume to a level where you can clearly hear external sounds;

·If you encounter difficulties while operating this machine, please park the vehicle in a safe place before operating it;

·Do not allow children to operate this machine to avoid personal injury or machine damage;

·To ensure the normal operation of the machine, please do not place it in the following environments: direct sunlight or near heat sources, humid environments or near water sources, dusty places, etc

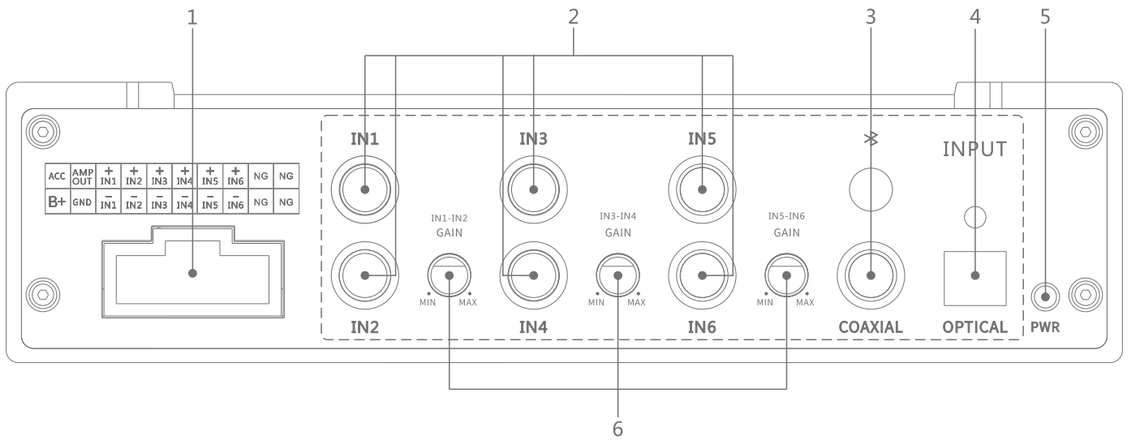
·Please do not disassemble or modify this machine without authorization, as it may cause problems;

·After the tuning is completed, please save the parameter configuration to the mode to avoid clearing the parameter configuration after power failure.

· ES608---------- A

· ES812---------- B

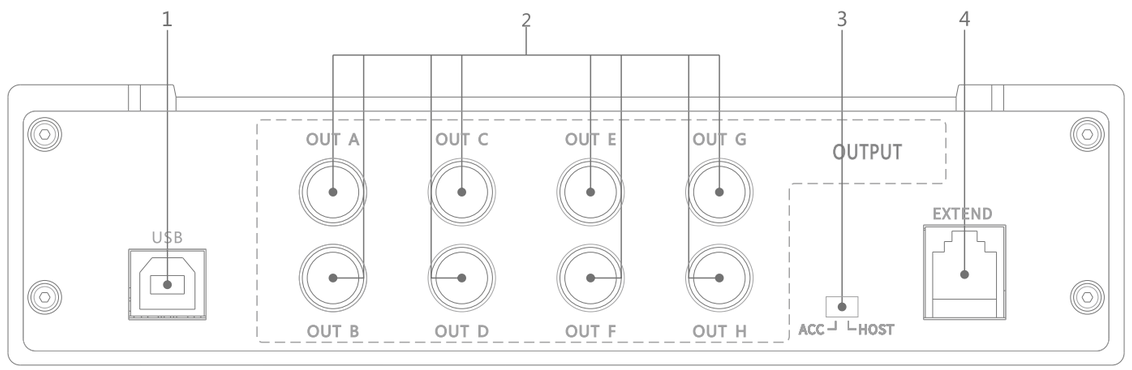
## Introduction to ES608 Interface




1. Power input/high-level input interface, the interface contains 8 high-level input pins (IN1~IN6), the pin positions are shown in the figure:

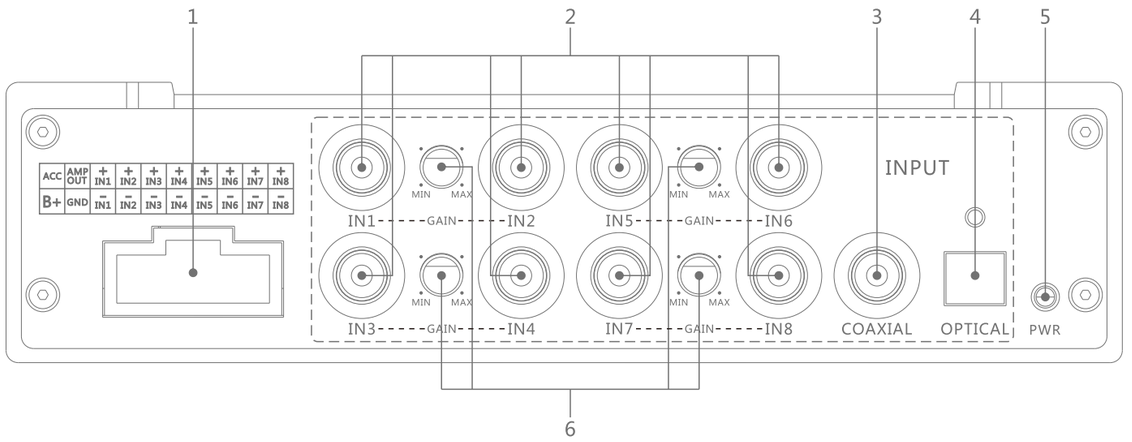
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ACC | AMP OUT | + IN1 | + IN2 | + IN3 | + IN4 | + IN5 | + IN6 | NG | NG |
| B+ | GND | − IN1 | − IN2 | − IN3 | − IN4 | − IN5 | − IN6 | NG | NG |

B+: Battery constant positive input line;
GND: Battery constant negative input line;
ACC: ACC startup control input line, high level startup;
AMPOUT: Output pin of the power amplifier control line, which can be connected to the subsequent power amplifier to control its power on/off;
IN1~IN6: 6 channels of high-level analog audio input lines, connected to the power amplifier output of the car host;
2. 6-way AUX input interface, connected to the analog output of the onboard host;
3. Coaxial input interface, connected to the digital audio coaxial output of the car host;
4. Fiber optic input interface, connected to the digital audio fiber optic output of the vehicle host;
5. Power indicator light;6. Sound pressure adjustment knob.
6. Input gain adjustment.




1. Computer debugging interface: connected to a computer, it can set device parameters through software on the computer;
2. 8 RCA output interfaces;
3. Start mode selection switch: When the switch is turned to ACC, it activates the ACC control device;
When the switch is turned to HOST, a high-level input signal (IN2+/IN2-) controls the device to start;
4. Expansion port, connect the line controller that comes with this device.

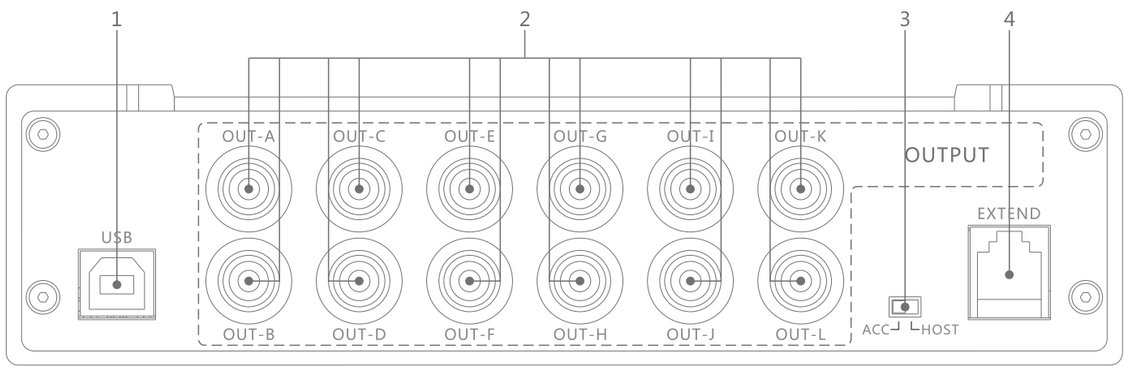
## Introduction to ES812 Interface




1. Power input/high-level input interface, the interface contains 8 high-level input pins (IN1~IN8), the pin positions are shown in the figure:

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ACC | AMP OUT | + IN1 | + IN2 | + IN3 | + IN4 | + IN5 | + IN6 | + IN7 | + IN8 |
| B+ | GND | − IN1 | − IN2 | − IN3 | − IN4 | − IN5 | − IN6 | − IN7 | − IN8 |

B+: Battery constant positive input line;
GND: Battery constant negative input line;
ACC: ACC startup control input line, high level startup;
AMPOUT: Output pin of the power amplifier control line, which can be connected to the subsequent power amplifier to control its power on/off;
IN1~IN8: 8 channels of high-level analog audio input lines, connected to the power amplifier output of the car host;
2. 8-way AUX input interface, connected to the analog output of the onboard host;
3. Coaxial input interface, connected to the digital audio coaxial output of the car host;
4. Fiber optic input interface, connected to the digital audio fiber optic output of the vehicle host;
5. Power indicator light;6. Sound pressure adjustment knob.
6. Input gain adjustment.




1. Computer debugging interface: connected to a computer, it can set device parameters through software on the computer;
2. 12 RCA output interfaces;
3. Start mode selection switch: When the switch is turned to ACC, it activates the ACC control device;
When the switch is turned to HOST, a high-level input signal (IN2+/IN2-) controls the device to start;
4. Expansion port, connect the line controller that comes with this device.