

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



USER MANUAL FOR DIGITAL SIGNAL PROCESSOR

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

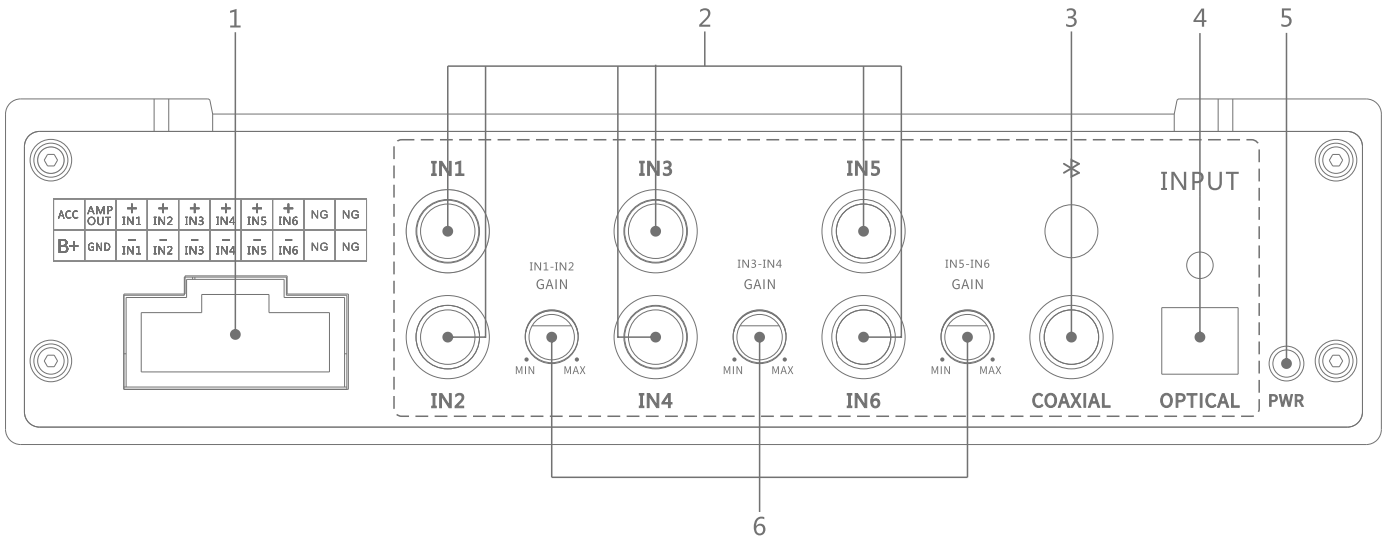
Matters Needing Attention:

- 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

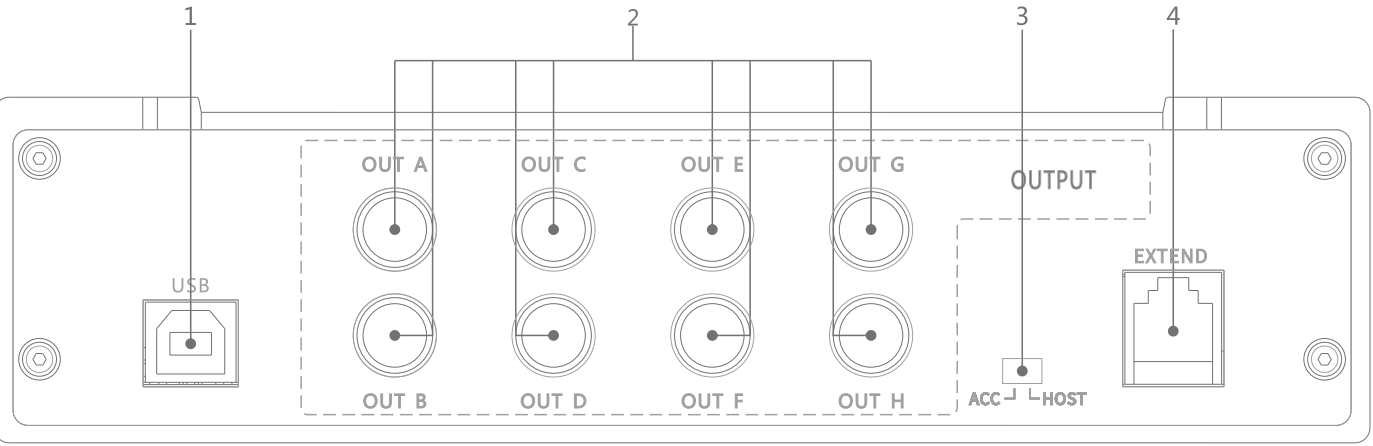
Introduction to ES608 Interface



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:

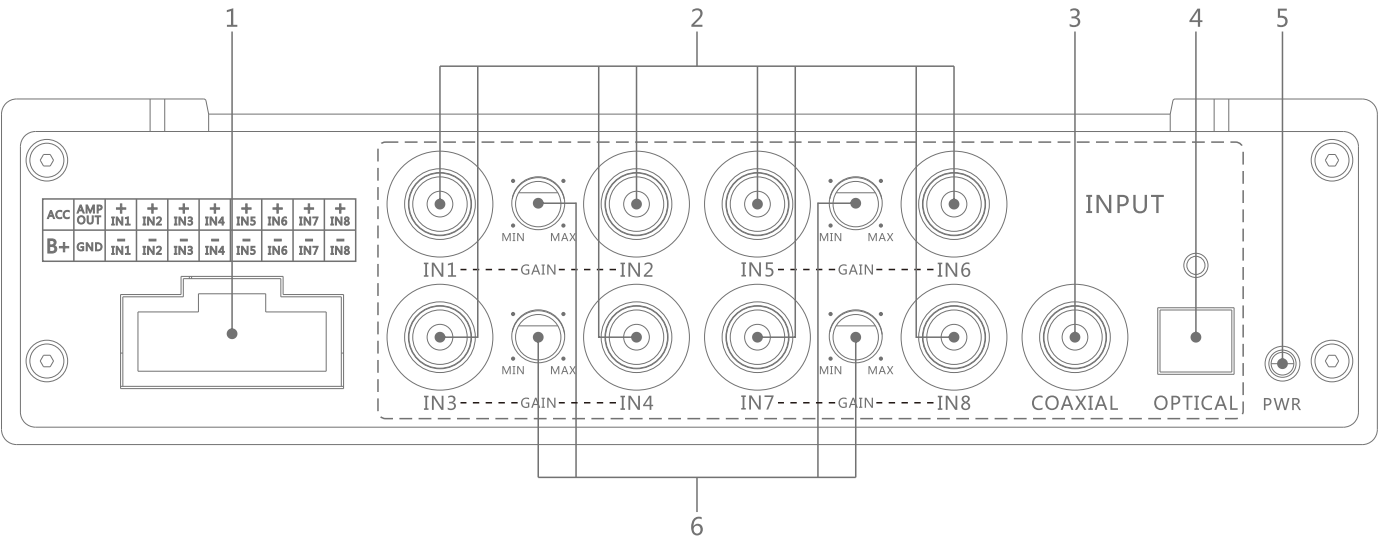
ACC	AMP OUT	+	+	+	+	+	+	NG	NG
B+	GND	IN1	IN2	IN3	IN4	IN5	IN6	NG	NG

- 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.

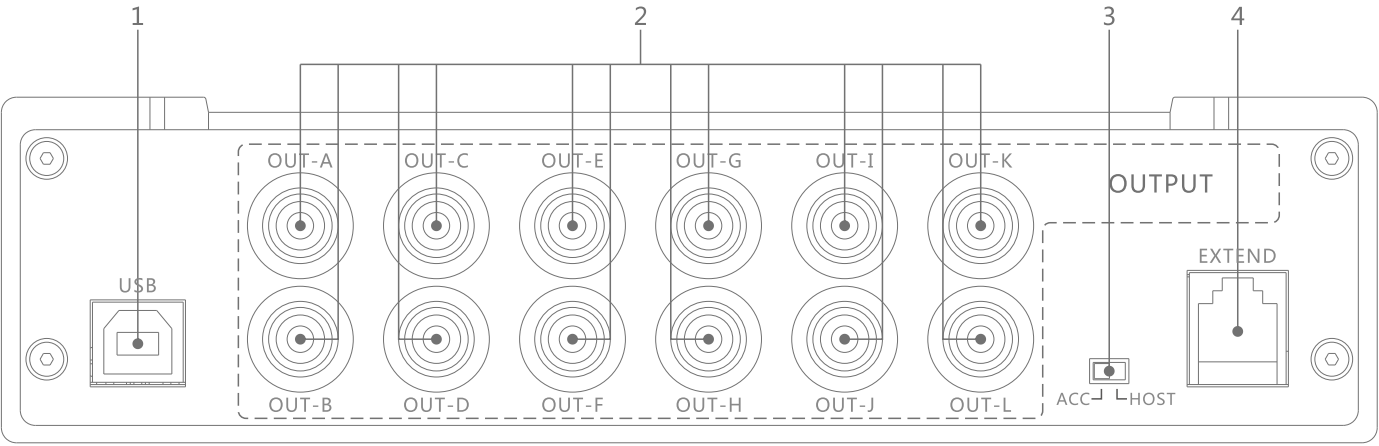
Introduction to ES812 Interface



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	+	+	+	+	+	+	+	+
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.