

印刷須知:

1.材质:157双铜

2.页面总大小: **48宽x17高(cm)**, 折页后大小: **12宽x17高(cmm)**

3.双面印刷, 第一页属于正面,背面印刷第二张接口文件。

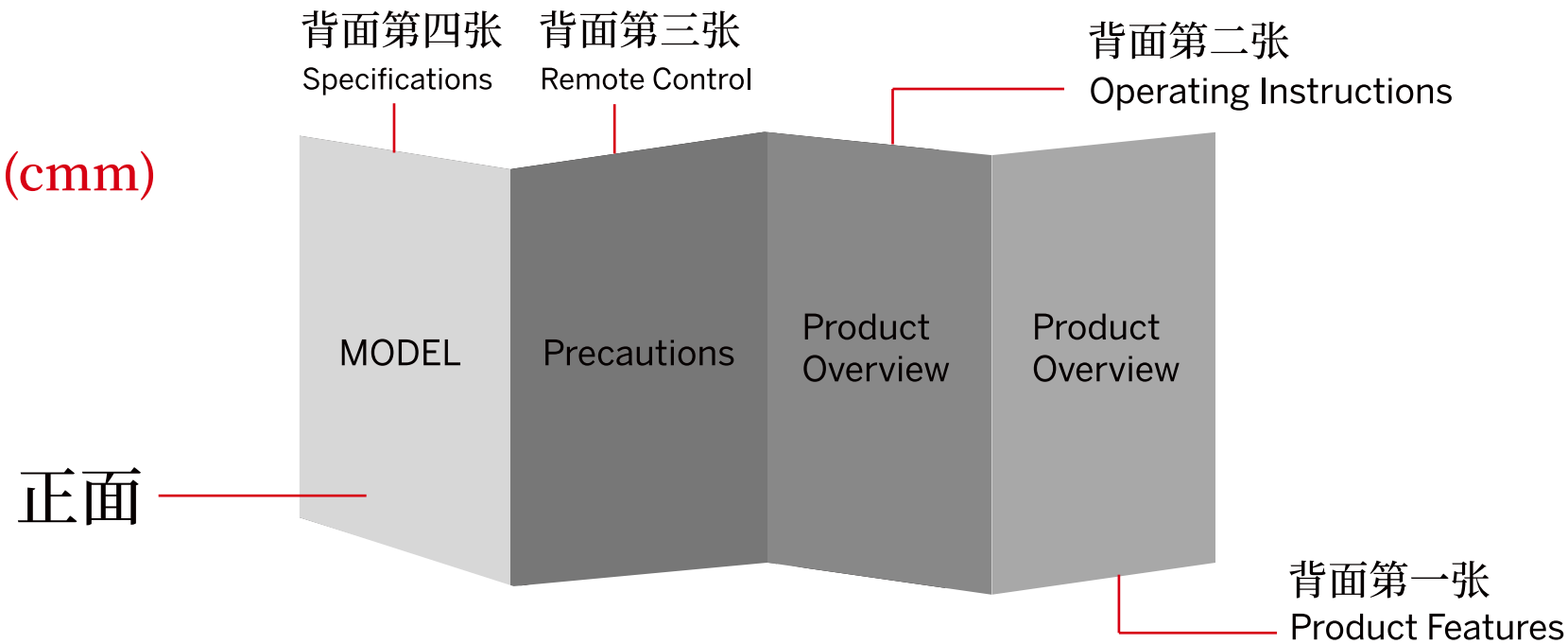
4.中间**红色竖线**属于分隔符,印刷时要去掉。

■ PANTONE 2945 C

#004B98

RGB: 0, 75, 152

CMYK: 100,73.20,5

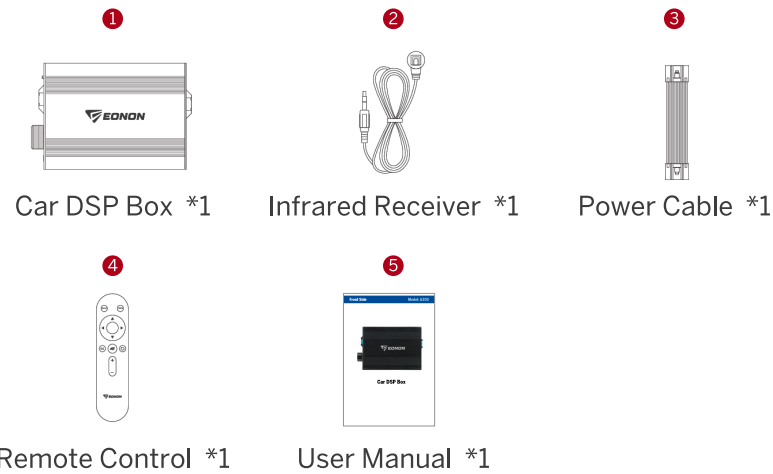




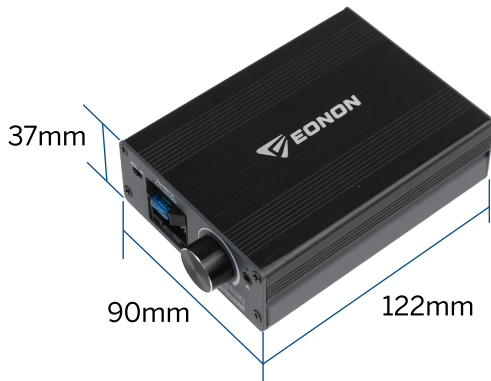
Car DSP Box

- Do not clean this product with chemical agents or cleaners to avoid damaging the surface or corroding the paint.
- Do not open the housing unless you are a professional technician, to avoid the risk of electric shock.
- Do not use this device during thunderstorms to prevent lightning damage.
- For your safety and that of others, do not operate the audio device while driving.
- Ensure all cables are properly and securely connected to the device to avoid damage due to messy or incorrect wiring.
- If you notice smoke, unusual noises, strange odors, or any other abnormal signs from this device, turn off the power immediately. Continuing to use the device under these circumstances may cause permanent damage to the vehicle’s audio system.

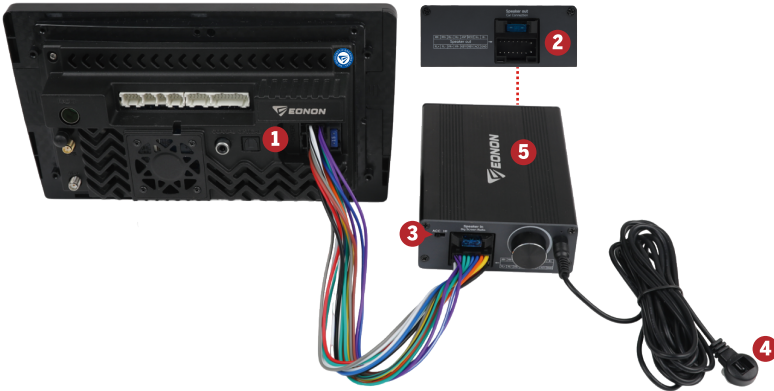
1. What’s in the Box



2. Product Dimensions



3. Wiring Diagram



1. Connect to the power interface of the aftermarket car stereo.
2. Connect to the 16pin power cable of the aftermarket car radio.
Note: The other end of the 16-pin power cable needs to connect to the original car power connector.
3. ACC/BI: Before installation, please manually set the DSP amplifier box to the desired startup mode.
4. Place the infrared receiver outside the dashboard to ensure proper signal reception.
5. During installation, please make sure the side with the Eonon logo is facing up.

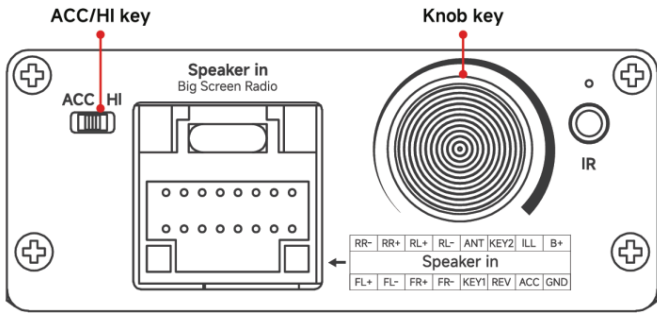
Product Features

The A303 Car DSP Audio Processor Box is equipped with a built-in D-Class digital amplifier and professional-grade automotive DSP chip to deliver high-quality audio output. It significantly enhances the factory sound system by improving sound clarity from the center console, expanding the height and width of the soundstage, and creating an immersive surround sound experience. The optimized bass performance allows factory-installed speakers to reproduce deeper and more powerful low frequencies.

Key Features:

- * Professional automotive-grade DSP audio processing chip
- * Built-in high-efficiency D-Class digital amplifier
- * Supports multiple sound effect modes
- * Independent treble and bass adjustment
- * Supports lossless input from factory audio source
- * Remote control supported for easy operation
- * Supports 48kHz high sampling rate for detailed sound reproduction

Operating Instructions



1. Knob Function

① Short Press the knob to switch between BASS, TREBLE, and VOLUME modes. Voice prompts will announce the current mode.

BASS: Rotate the knob left or right to adjust the value between -7 to +7. Voice prompts will announce when it reaches -7, 0, or +7.

TREBLE: Rotate the knob left or right to adjust between -7 to +7, with voice prompts at -7, 0, and +7.

VOLUME: Rotate the knob to adjust the volume level (0–32). Voice prompts indicate minimum and maximum volume.

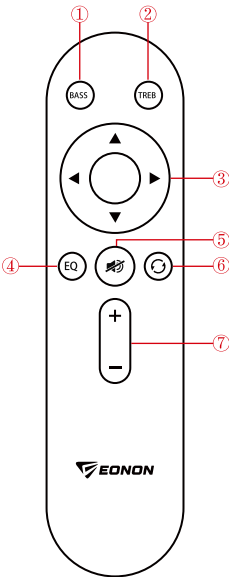
② Long Press the knob to reset BASS and TREBLE to default value 0, and EQ mode to FLAT, with a voice prompt confirmation.

2. ACC/Hi Switch

The unit detects ACC or HI based on the vehicle type.

- ① If the vehicle supports ACC, switch to the ACC position.
- ② If not, switch to the HI position.

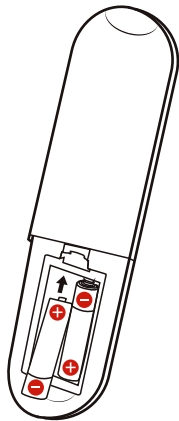
Remote Control



- 1. **【BASS】** Short press the BASS button, then use the left / right or up / down keys to adjust.
- 2. **【TREB】** Short press the TREBLE button, then use the left / right or up / down keys to adjust.
- 3. **【▲▼】 【◀▶】** Up, Down, Left, Right
- 4. **【EQ】** Short press the EQ button to cycle through the 7 preset modes: FLAT / CLASSIC / POP / ROCK / JAZZ / VOCAL_BOOST / CUSTOM. Voice prompts will announce the selected mode.
- 5. **【🔇】** Press to mute the audio.
- 6. **【↺】** Long press to reset BASS and TREBLE to 0, and EQ to FLAT.
- 7. **【+ -】** Vol + / Vol -

How to Replace the Remote Battery

- 1. Open the back cover of the remote.
- 2. Insert the batteries with the correct polarity.
- 3. Insert two AAA batteries and close the cover.
- 4. Point the remote at the IR receiver when using.
- 5. Remove the batteries if the remote won't be used for a long time.



Specifications

1. Basic Specifications

Product name	Car DSP Box
Model number	A303
Output power	4*40W/4Ω
THD (Total Harmonic Distortion)	≤0.1%
Stereo separation	≥45dB
Remote control distance	≥8m

2. Power Supply Specifications

Parameter	Specification			Unit
	Min	Typ	Max	
Operating voltage	10.8	12	16	V
Operating current			10	A
Backup current		≤1		mA

3. Environmental Temperature Characteristics

Symbol	Parameter	Specification			Unit
		Min	Typ	Max	
Ta	Operation temperature	-20		70	V
Ts	Storage temperature	-40		85	A