

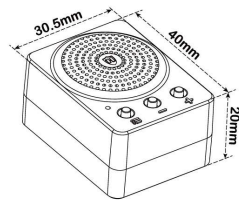


1 Features

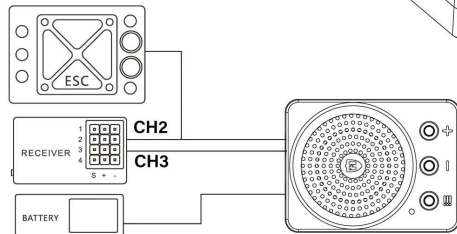
- Built-in voice prompt
- Support REV setting.
- Support AUX channel.
- Memory function
- Comes with Bluetooth mode and engine sound mode, you can connect this speaker to your device via Bluetooth to play the music or sound effect of your own.
- Advanced SGS(Sound Particle Synthesis Technology) and SFC(State-Following Compensation Technology).
- Comes with 10 engine sound effects and 6 alarm sound effects.
- Brake sound (exhaust brake sound effect) can be turned on/off as your need.
- Low-voltage protection, battery type(2S/3S LIPO) will be detected automatically when powered-up .
- Standby mode after 60 seconds of zero operation, pull slightly throttle to wake up the device.
- Support power supply from BEC or external battery (Use external battery(2S/3S LIPO) when the power supply from BEC is not enough)

2 Specifications

Input Voltage	6-12V
Speaker Power	Rated 3W, Max.4W
Speaker Impedance	4Ω
Dimension	30.5*40*20



3 Wiring Diagram



Engine Sound Simulator MS-24

4 Indicator

Bluetooth mode:	Green light constantly on
Engine sound mode:	Blue light constantly on
Engine sound selection:	Purple light slowly flashes
Horn sound selection:	Blue light slowly flashes
EPA setting:	Red light slowly flashes
Exhaust brake sound:	Blue light slowly flashes
No signal:	Blue light quickly flashes
Low battery:	Red light quickly flashes

5 Operations

◆ **Turn off:** Long press "+" button to turn off the speaker, default mode is engine sound mode.

◆ **Mode Switching:**

- (1) Short press "=" button to switch between engine sound mode or Bluetooth mode

- (2) Click twice CH3 if the button type is "TRIGGER" or click four times CH3 if the button type is "TURN" within 800ms to switch between engine sound mode or Bluetooth mode

◆ **EPA setting:** Long press "-" button until you hear a voice prompt, follow the voice prompt to complete throttle calibration, press any buttons to exit.

◆ **Engine sound effect:** Press "=" approx. 3 seconds and release the button after you hear the "Engine Sound" voice prompt, press "+" and "-" to select different sound effects, pull the throttle to hear the sound effect, press "=" again to confirm and exit.

◆ **Horn sound effect:** Press "=" approx. 6 seconds and release the button after you hear the "Horn Sound" voice prompt, press "+" and "-" to select different sound effects, press "=" again to confirm and exit.

◆ **REV setting:** Press "=" approx. 9 seconds and release the button after you hear the "Throttle Direction" voice prompt, press "+" or "-" to change the throttle direction, press "=" again to confirm and exit.

◆ **Exhaust Brake sound effect:** Press "=" approx. 12 seconds and release the button after you hear the "Release valve and brake" voice prompt, press "+" or "-" to open/close exhaust brake, press "=" again to confirm and exit.

◆ **Volume Setting:**

- Press "+" and "-" to adjust the volume when it's not in any setting sections.

6 Warnings

- The speaker should be installed at places with good ventilation as sound control unit will heat up during use.

- Do not keep the volume too high for a long time, the higher the volume is, the higher the voltage gets, the speaker could be damaged if it's always fully loaded.

- Do not pull the throttle to max. for a long time, full throttle means high power input, which could damage the speaker.