

Active Subwoofer 10" Complete Kit

Technical Specifications

Specification	Value
Product Type	Active Subwoofer
Subwoofer Size	10"
Maximum Power	800W
RMS Power	250W
Impedance	2.6 Ω
Frequency Response	20Hz – 150Hz
Sensitivity	91 dB
Operating Voltage	12V DC
Dimensions	35.5 × 28 × 8 cm

Features

- Slim and compact design
 - Built-in amplifier
 - Deep and powerful bass response
 - Easy installation
 - RCA low-level input
 - High-level speaker input
 - Adjustable gain and low-pass filter
 - Remote bass control
 - Compatible with 12V vehicles
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Vehicle Compatibility

This active subwoofer is suitable for:

- Passenger cars
- A-traktors
- Mopeds and microcars
- Compact utility vehicles

Compatible with many popular vehicle brands including:

- Aixam
 - Ligier
 - Microcar
 - Chatenet
 - Casalini
 - JDM
 - Volvo
 - BMW
 - Audi
 - Volkswagen
 - Mercedes-Benz
 - Ford
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Installation Guide

Before Installation

1. Disconnect the negative terminal from the battery.
 2. Choose a safe installation location with adequate ventilation.
 3. Ensure all cables are routed away from sharp edges and moving parts.
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Power Connection

Connect:

- +12V power cable directly to the battery
- Ground cable to clean chassis ground
- REM cable to the head unit remote output

Always install an inline fuse close to the battery.

Audio Connection

Low-Level Input (RCA)

Use RCA cables from the head unit for best sound quality.

High-Level Input

If the head unit does not have RCA outputs, use the included high-level input connection.

Do not use RCA and High-Level input simultaneously.

Control Functions

Function	Description
POWER LED	Indicates power status
PROTECT LED	Indicates protection mode
GAIN	Adjusts amplifier input sensitivity
LPF	Controls low-pass crossover frequency
BASS BOOST	Enhances bass output
PHASE	0° / 180° phase adjustment
REMOTE	External bass level controller

Recommended Settings

Gain Adjustment

1. Set head unit volume to 75%.
2. Set GAIN to minimum.
3. Slowly increase gain until slight distortion occurs.
4. Reduce gain slightly.

Low Pass Filter

Recommended LPF setting:

- 70Hz – 100Hz for balanced bass response.
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Troubleshooting

Problem	Solution
No Power	Check fuse and power connections
No Sound	Verify RCA or speaker input connection
Protection Light On	Check grounding and speaker wiring
Distorted Sound	Lower gain and bass boost
Engine Noise	Separate signal and power cables

Safety Information

- Use only with 12V negative ground systems.
- Do not expose the product to moisture.
- Ensure proper ventilation during operation.
- Disconnect power before installation or service.