

## Installation recommendations

Select the most suitable location for installing the subwoofer depending on the brand of car and the space available in the trunk. The best in terms of sound quality and the safest place to install a subwoofer is the space behind the rear row of seats on the boot floor. To prevent the subwoofer from overheating, there should be nothing around it. For effective cooling, air must circulate freely around the subwoofer.

\* Note: It is difficult to avoid shaking or bumping while driving, so the subwoofer should be securely fixed. It is recommended to use the straps (supplied with the subwoofer) to secure the subwoofer to the tube-type enclosure.

## Setup recommendation

1. Set the level control on the subwoofer "LEVEL" to the minimum value (far left, **2V**).
2. Set the crossover switch to "L.P.F.". The "FILTER" control is in the middle position.
3. Set the volume on the radio tape recorder to the maximum level at which sound distortion will not occur. If you hear distortion, reduce the volume on the radio tape recorder until the distortion disappears. Leave the volume control of the radio at this level while tuning the system.
4. Gradually increase the subwoofer level with the "LEVEL" control until you hear distortion in the sound. If distortion occurs, turn the "LEVEL" control back slightly.
5. Adjust the cutoff frequency with the "FILTER" knob. When listening, make sure that there is no audible distortion.

High power car sound systems are capable of delivering sound pressure levels exceeding 130 dB. Do not listen to music at high volume levels for long periods of time, and while doing so, make sure that the subwoofer does not overheat.

## Technical features

Model	SW-T20A	SW-T25A	SW-T30A
Nominal diameter	8" (20 cm)	10" (25.4 cm)	12" (30.5 cm)
Rated power	81 W	101 W	121 W
Maximum power	801 W	1001 W	1201 W
Resistance	4 Ohm	4 Ohm	4 Ohm
Frequency Response Range	40 – 1200 Hz	30 – 1000 Hz	20 – 800 Hz
Sensitivity (SPL / 1W / 1m)	87 dB	88 dB	90 dB
Working voltage	12 V	12 V	12 V
Power supply voltage	14,4 V (10,5 V – 16 V)	14,4 V (10,5 V – 16 V)	14,4 V (10,5 V – 16 V)
Subwoofer cabinet dimensions	360 x 250 x 260 mm	430 x 287 x 303 mm	450 x 350 x 360 mm
Box size	375 x 265 x 280 mm	450 x 305 x 320 mm	470 x 370 x 380 mm

# AURA<sup>®</sup>

## OWNER'S

## MANUAL

### SW-T20A

### SW-T25A

### SW-T30A

CAR ACTIVE SUBWOOFER



[www.aurael.ru](http://www.aurael.ru)



Due to continuous product development and improvement, all specifications are subject to change without notice.

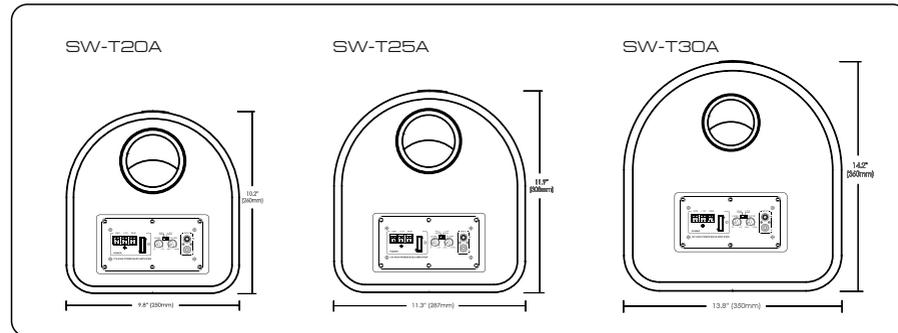
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**WARNING!**

PLEASE READ CAREFULLY BEFORE USING

## Introduction

Thank you for purchasing an **AURA**® active subwoofer. We strongly recommend using the services of a professional installation studio to install the device. The correct configuration of the system and the qualifications of specialists will allow you to maximize the potential of your device, avoid unpleasant situations, as well as exclude connection errors and possible malfunctions.



## Precautions

To ensure effective performance, this subwoofer is recommended to be used in an ambient temperature of at least 5 °C.

Use the subwoofer only in a dry and well-ventilated area.

To supply power to the subwoofer, use a 12 VDC power supply, the negative terminal of which is connected to ground. Before connecting the subwoofer, make sure its power requirements match the vehicle specifications.

To ensure safe movement, it is recommended to set the volume on the sound reproducing system so that it does not interfere with all the noise of the surrounding traffic.

## Warning

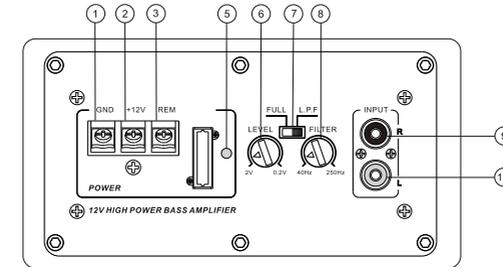
The technical capabilities allow the SW-T20A / T25A / T30A subwoofers to create high sound pressure levels. It is recommended that you select an appropriate volume level for your audio system.

To ensure safety, it is extremely important to securely fasten the subwoofer enclosure in the trunk of the car (when securing the subwoofer with screws, you will have to drill holes in the metal parts of the car; make sure that this will not damage the fuel tank or other structures).

## Package bundle

1. Subwoofer in a tube-type housing (x1).
2. Installation and connection manual (x1).
3. Mounting screws (x8).
4. Mounting clip (x4).
5. Lashing strap (x1).
6. Car sticker (x1).

## Connection and settings panel



1. The power terminal (GND) is intended for connection with the "mass" (metal part of the car body). To ensure a good connection, clean the joint on the body from dirt, grease and paint to bare metal.
2. The + 12V terminal is for connecting to a 12V DC power supply (vehicle battery). This connection is required to supply power to the built-in amplifier of the subwoofer.
3. The REM terminal is for remote switching on of the subwoofer. Connect this terminal to the antenna motor connection output or remote turn-on output on the head unit.
4. The fuse protects the product from damage due to dangerous current surges.
5. Power indicator.
6. The LEVEL control is designed to adjust the sensitivity of the subwoofer in accordance with the input signal of different levels.
7. This switch selects the crossover setting: FULL (wideband signal) or L.P.F. (LPF).
8. The FILTER control adjusts the cutoff frequency of the low pass filter. The adjustment range is from 40 Hz to 250 Hz.
9. INPUT (R) and (L) jacks are for connection to RCA left and right channel outputs on the signal source. Use an RCA cable (sold separately).

## Connection

