

# **SENCOR®**

## **SCS WA0802**

ACTIVE SUBWOOFER

AKTIVNÍ SUBWOOFER

AKTÍVNY HLBOKOTÓNÓVÝ

REPRODUKTOR

AKTÍV MÉLYSUGÁRZÓ

SUBWOOFER AKTYWNY

**USER'S MANUAL**  
**NÁVOD K OBSLUZE**  
**NÁVOD NA OBSLUHU**  
**FELHASZNÁLÓI KÉZIKÖNYV**  
**INSTRUKCJA OBSŁUGI**

**[EN] [CZ] [SK] [HU] [PL]**

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## **Dear Customer:**

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Selecting fine audio equipment such as the unit you have just purchased is only the start of your musical enjoyment. Now it is time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion-and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing „comfort level“, adapts to higher volumes of sound. So what sounds „normal“ can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

### **To establish a safe level:**

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly and without distortion.

### **Once you have established a comfortable sound level:**

- Set the dial and leave it there.  
Taking a minute to do this now will help to prevent hearing damage or loss in the future.  
After all, we want you to listen for a lifetime.

## **⚠ Warnings**

In order to prevent accidents and fires, please follow the notices stated below:

- Please do use a 12V DC power instead of the 24V DC power.
- Please use car borne wires (or wires at AWG10, 1015 or above) as the machine's power cord, in order to prevent the ageing and insulation property descending of the power cord, which are caused by the overload of electric current.
- The power cord should be connected directly upon the 12V storage battery, instead of the wrong connection to car borne instruments and meters, or any other wires of which the electric current load is rather low, so as to prevent the impact among performance of the automobile.
- Please use fuses with the same type and specifications while changing them. Please do not use fuses with rather high or low electric current loads.
- One must connect a fuse or a circuit breaker nearby the anode side of the battery, in order to prevent fires caused by short-cut of the machine's power cord.

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## Features of System Protection

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- The input power has functions as overvoltage & underpressure protection (ranging from 8V to 17V).The machine will stop working once the power is lower than 8V or higher than 17V.
- In order to protect the speakers, the machine is equipped perfectly by overvoltage, underpressure, as well as temperature protection (85°C).The red light will be flashed on when the protection takes.

### **⚠ Notices**

- The machine is not able to continue working whenever any type of the protective functions is launched.The machine can continue to work normally only after the malfunctions are removed,The power supply is switched off, as well as the machine is restarted.
- The surface of the machine will be heated during its normal usage. Please do not assemble the machine upon materials or matters that are sensitive to heats.
- Please fix the machine inside your automobile stably and constantly by trust, in order to prevent body injuries or damages toward other components caused by impulsion upon or shaking of the machine.
- Please assemble the power amplifier (PA) machine to places with good aeration and heat elimination. Please do not assemble it to places with high temperature, rain or places interfering driving.
- Maintenance of the machine can be easily carried out through wiping off the dusts with dried cloths. Please do not use alcohols, or diluting and volatizing impregnants to clean the machine, otherwise the surface signs of the machine might be brushed off or discolored.
- One shall make sure that the power of speakers is higher than the rated output power of the PA machine. Otherwise it will cause the damage of speakers, or overvoltage protection might be induced upon the PA machine, whenever there is a high trend.
- The impedance of speakers should be conformed to the output impedance of the machine.

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## Installation Instruction

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Please read the users' manual by details before installation.

- Choose a suitable installation place according to the warnings and installation instructions stated above.
- Take the spare parts and components displayed in the installation illustrations out of the packing carton of the product.
- Installation steps:

**Step 1.** Mark the bodywork where you want to install the amplifier according to the measures indicated on figure 1.Take care how much space need to contain the whole amplifier and make sure that the amplifier must not crush the car body.  
Place the screws (4 × 12 mm) onto the point and push on the screws with a screwdriver so they make marks where the installation holes are to be located.  
Drill 2.5mm (1/8 inch) diameter holes at the point marked. Insert the two screws (4 × 12 mm) into the holes and screw down.

**Step 2.** Place the amplifier above the screws just installed, move the amplifier until the two locating holes on the amplifier aim at the screws, according to figure 2.

- Step 3.** Push the amplifier by direction indicated on figure 3, until it can't be moved any more.  
**Step 4.** Make marks at where the screws (4 × 15 mm) should be installed, remove the amplifier and drill 2.5 mm (1/8 inch) diameter holes at the point just marked. Install the amplifier like step 3 and insert the two screws (4 × 15 mm) into the holes just drilled then screw down stably.

- Check whether the current machine has been fixed tightly without loosens.

#### STEP 1:

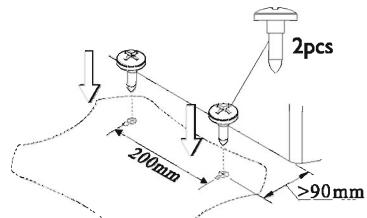


Figure 1

#### STEP 2:

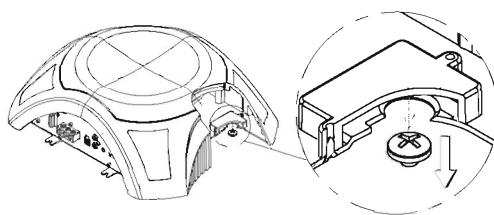
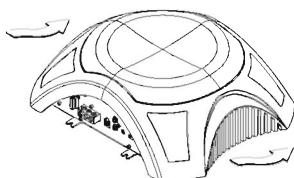


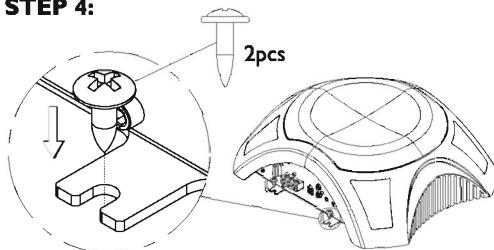
Figure 2

#### STEP 3:



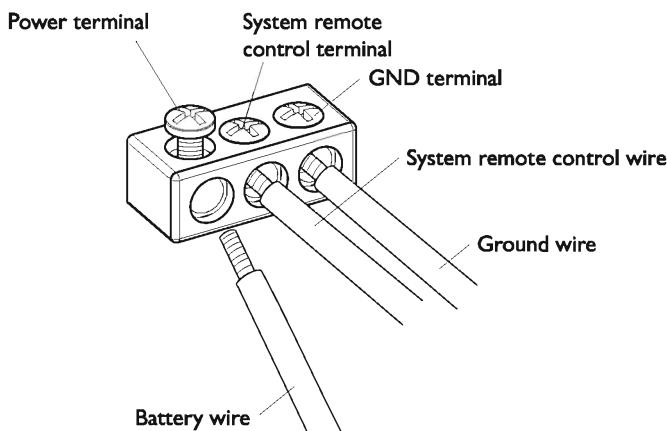
Obrázek 3

#### STEP 4:

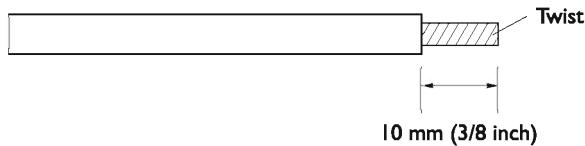


#### Connect the wires to terminal:

- fix the wires securely with the terminal screws.



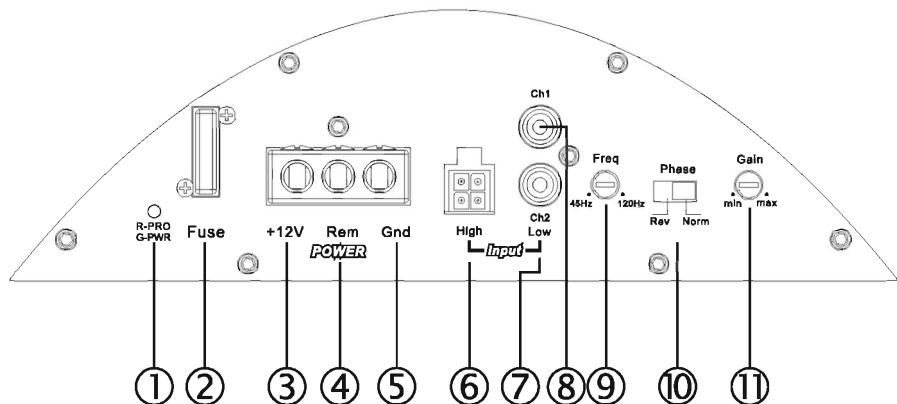
- expose the end of the speaker wires using nippers or a cutter by about 10 mm (3/8 inch) and twist.




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## Functional Description and Power Cord Connection:

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- ① The two-color indicating light. Green light flashes on indicates that the machine is in normal operation, while red light flashes on means that the machine has entered into protection mode.
- ② Fuse
- ③ DC +12V Power input
- ④ REM Input
- ⑤ Power Gnd
- ⑥ High level signal input
- ⑦ LOW level Signal Input Ch1
- ⑧ LOW level Signal Input Ch2
- ⑨ Crossover Frequency Adjustment
- ⑩ Phase Switch. REV as 180°, NORM as 0°
- ⑪ Gain (Volume) Adjustment

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## Trouble Shooting

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For simple problems during the course of installation, debugging and using of the power amplifier, users may shoot the troubles according to the information stated in the table below:

Symptoms	Reasons and Methods of Trouble Shooting
Power indicating Light Off	No effective connection of the power cord or grounding wire, please check the connection.
	No effective connection of the System remote control terminal, please check the connection.
	Fuse blows, please change the fuse.
	There is no +12V controlling voltage at the remote control line, please check whether the audio facilities has started working.
Speakers out of Sound	Whether the remote switcher is proper, please set up properly.
	No effective connection of the signal line, please check the connection.
	No output signals from audio facilities, please check whether the audio facilities have started to play.
	The PA machine has entered into the over-heated protection mode, please improve the heat elimination effects around the working environment of PA machine.
Sound Distortion	The signal has been peak clipped, reduce the PA volume.
	Inadequate settings of the switch. Please set the switch properly.
Sound Noise (only when starting the engine)	The signal input line is placed too close toward the power cord of the PA machine, please place the signal input line far away from the power cord of the PA machine.
	The signal input line is placed too close toward the power cords of other automobile facilities, please place the signal input line far away from the other automobile facilities.
	There is bad contact between the grounding wire of the PA machine and the metal grounding wire of the automobile. Please re-clean the paintings, rusts, dusts of the automobile metal grounding part (if any), then screw the grounding wire of the PA machine with it firmly to make sure a good connection.
	Unreasonable connection of the grounding wire. Please employ one-touch connection grounding, upon all grounding wires of the automobile audio facilities and the PA machine, in order to reduce interference.

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## Parameters

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The specifications may be altered without additional notice.

Max. Output Power .....	300 W
Rated Output Power .....	75 W
Output Impedance.....	4 Ω
Frequency Response .....	25 ~ 300 Hz.
Signal to Noise (A Weighted).....	98 dB
Sensitive Degree (Distortion Degree as 0.7 %).....	Rca input 150 mV
High Level Input .....	200 m ~ 2.0 V
Working Voltage .....	12 V ~ 15 V
Rated Power Consumption .....	250 W
Quiescent Power Dissipation.....	5.0 W
Dimension (D × W × H) mm.....	350 × 285 × 106
Weight (With Accessories).....	5.8 Kg

### Accessories of the Machine

Spare Parts & Components	Description	Specification	Qty. of item
	User manual	SCS WA0802	1PCS
	Fixed to the Car Body	4 × 15mm screw	2PCS
	Fixed to the Car Body	4 × 12mm special screw	2PCS
	FUSE	20A	1PCS
	High Input wire	5557-4P	1PCS

### **Disposal of Used Electrical & Electronic Equipment**

 The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this equipment at your applicable collection point for the recycling of electrical & electronic equipments waste.

In the European Union and Other European countries which there are separate collection systems for used electrical and electronic product. By ensuring the correct disposal of this product, you will help prevent potentially hazardous to the environment and to human health, which could otherwise be caused by unsuitable waste handling of this product. The recycling of materials will help conserve natural resources. Please do not therefore dispose of your old electrical and electronic equipment with your household waste. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

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