

EDGE



Setting the streets alight..

SUBWOOFER MANUAL

EDP122-E6

EDP122SPL-E6

EDP152SPL-E6

OWNERS MANUAL

Congratulations on purchasing your EDGE subwoofer. Please read this manual in order to fully understand how to get the best results from this product and ensure that all advice on how to look after the product is followed.

Thank you for buying EDGE, we hope you enjoy listening to your product as much as we enjoyed creating it.

CAUTION



DO NOT EXPOSE THIS PRODUCT TO DAMP OR MOISTURE - doing so may result in fire, shock or damage to the product.

BEFORE WIRING DISCONNECT THE CABLE FROM THE POSITIVE BATTERY TERMINAL - failure to do so may result in electric shock or injury.

ENSURE GOOD AND CORRECT CONNECTIONS - failure to make the correct connections may result in fire or damage to the product.

DO NOT USE ANY FUNCTIONS OF THIS EQUIPMENT THAT MAY TAKE YOUR CONCENTRATION AWAY FROM DRIVING YOUR VEHICLE - do not set up your amplifier whilst driving, doing so may result in an accident. For prolonged setting up, make sure that your vehicle is stationary and in a safe location.

KEEP THE VOLUME AT A LEVEL SO YOU CAN STILL HEAR OUTSIDE NOISE - failure to do this may result in an accident. EDGE equipment is capable of producing sound levels that can permanently damage your hearing. EDGE recommends caution when listening at high volume. For safe and enjoyable listening the sound should be comfortable and clear without distortion.

CAUTION

Never connect any speaker lead to the car chassis. This can cause severe damage to your speaker /car radio /amplifier.

Before drilling or cutting any holes, investigate the layout of your vehicle thoroughly.

Use caution when working near the fuel / hydraulic lines and electrical wiring.

Observe the correct polarity when wiring, improper phasing may cause a loss of bass response.

Ensure that no moving parts catch on the speaker or grill (e.g. window or door handles, or window glass inside the door)

INSTALLATION

- The quality of the installation will affect the system performance and reliability.
- Contact your nearest authorised EDGE dealer if you are unsure about the installation of this product.
- Please mount this unit away from any potential hazards.
- Minimising the length of wires will provide higher audio output from the system.
- The speaker should be securely fastened to the mounting position using the screws provided.
- Pre drill your mounting holes using a drill and position with the template provided.
- Be sure to investigate your mounting area thoroughly for electrical wires, brake or fuel lines or fuel tank to prevent causing any damage.

LIMITED WARRANTY

All EDGE products carry a full 12 month warranty, valid from the date of the original receipt and proof of purchase. It is recommended that the online warranty card is completed within seven days of the original purchase date and the original receipt and packaging should be retained.

If the product develops a problem any stage during the warranty period, it should be returned to the point of purchase in it's original packaging, and complete with no items missing. If the store is unable to repair the product it may have to be returned to EDGE.

A full description of EDGE warranty information can be found on our website:

www.edgearaudio.com/warranty

WHAT IS NOT COVERED

- Damage to product due to improper installation.
- Subsequent damage to other components.
- Damage caused by exposure to moisture, excessive heat, chemical cleaners and / or UV radiation.
- Damage through negligence, misuse, accident or abuse. Repeated returns for the same fault may be considered abuse.
- Any cost or expense related to the removal and / or re-installation of the product.
- Damage caused by amplifier clipping or distortion.
- Items repaired or modified by any unauthorised repair facility.
- Return shipping on non defective items.
- Products returned without a returns authorisation number.
- Damage to product due to use of sealant.

INTERNATIONAL WARRANTY

Contact your international EDGE dealer or distributor concerning specific procedure for your country's warranty policies. **www.edgearaudio.com**

WARNING

EDGE equipment is capable of sound pressure levels that can cause permanent damage to your hearing and those around you. Please use common sense when listening to your audio system and practice safe sound.

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RUN IN PROCEDURE

EDGE recommends that you follow the run in procedure for the subwoofer detailed below.

When your subwoofer is used for the first time, like most brand new items it is naturally very stiff and rigid. It will take time for the moving parts of this subwoofer to loosen up before the subwoofer will be ready to deliver its full potential.

For the first thirty hours it is recommended that you play the subwoofer at low to medium volumes, gradually increasing the volume level as time progresses. As a guide, if you listen to your subwoofer for one hour every day it will take a month for the subwoofer to run in properly.

You will notice a big change in the sound of the subwoofer over this period. As the spider and surround begin to run in the sound will get deeper and harder, also the output of the subwoofer will increase as the suspension loosens up.

The subwoofer is like your car's engine, it needs a few thousand miles before you can drive it to its full potential. Driving it into the redline from the first day will mean engine damage is certain and will not be covered by warranty.

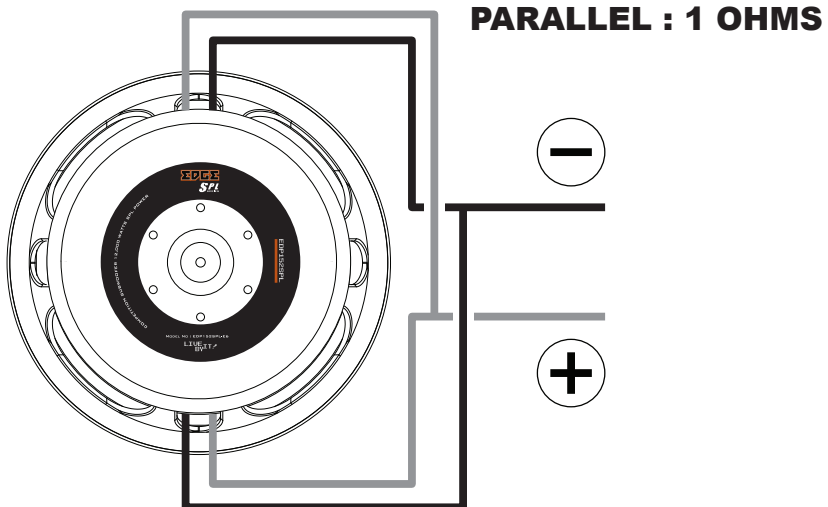
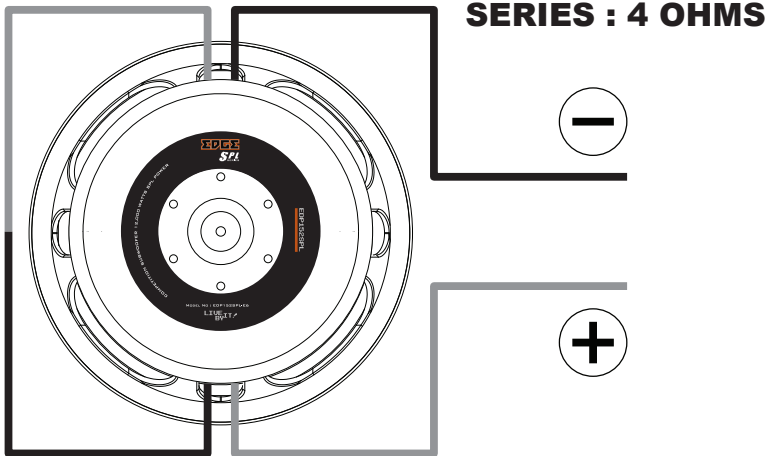
Failure to follow this simple procedure is the most common reason for a subwoofer to fail after a very short period of time.

TS PARAMETERS

| Parameter | EDP122SPL-E6 | EDP122-E6 | EDP152SPL-E6 |
|-----------|------------------------|-----------------------|------------------------|
| Recv | 3.6 Ohm | 3.6 Ohm | 4 Ohm |
| F0 | 37.5Hz | 49.5Hz | 40.2Hz |
| SD | 47.144 | 47.144 | 73.062 |
| Mmd | 250g | 250g | 250g |
| BL | 21.98 TM | 27.22TM | 29.895 TM |
| Qms | 6.667 | 5.668 | 0.066 |
| Qes | 0.587 | 0.506 | 0.543 |
| Qts | 0.539 | 0.464 | 0.499 |
| NO | 0.148% | 0.226% | 0.286% |
| SPL | 83.7dB | 85.6dB | 86.6dB |
| Vas | 17.020 mm ² | 9.739 mm ² | 24.728 mm ² |
| Cms | 53.928 uM/N | 30.860 uM/N | 32.622 uM/N |
| Krm | 14.211 mOhm | 17.289 mOhm | 24.860 mOhm |
| Ern | 0.830 | 0.805 | 0.799 |
| Mms | 334.435g | 334.435g | 480.851g |
| Mmd | 328.550 | 328.550 | 469.496 |
| Kxm | 101.433mH | 140.877 | 190.618mH |
| Exm | 0.645 | 0.600 | 0.593 |

WIRING CONNECTIONS

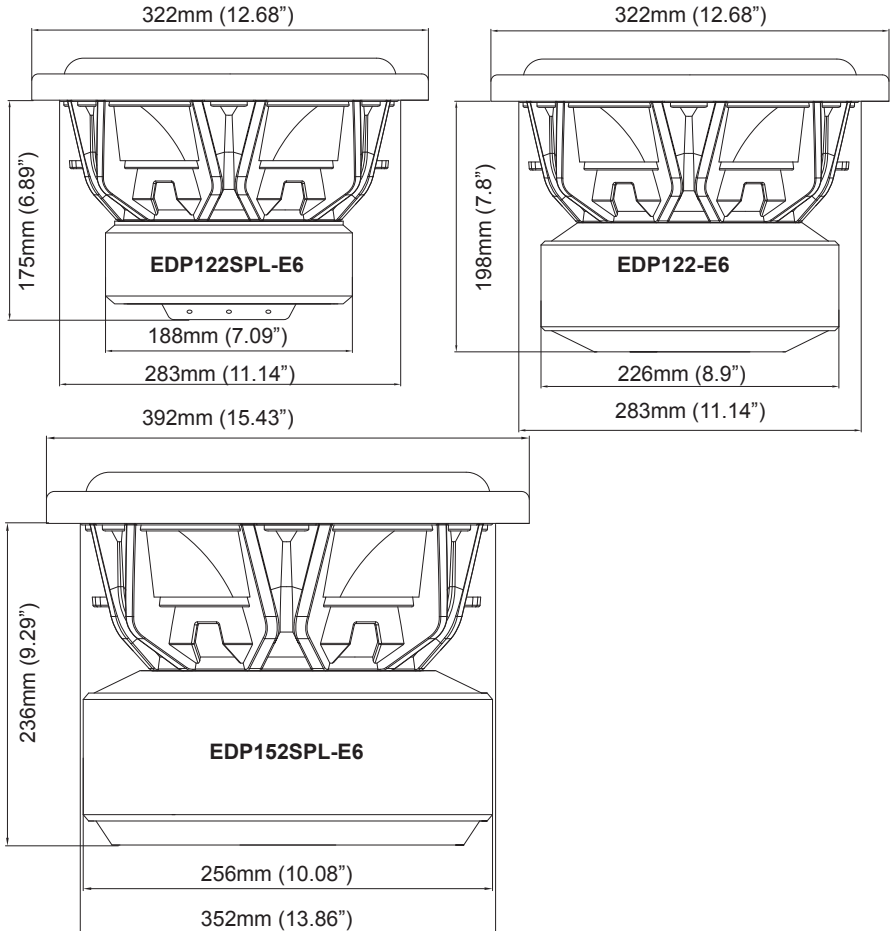
Please follow the wiring diagram below and ensure that correct polarity is observed as incorrect wiring may cause the subwoofer to be out of phase with the rest of the system and result in a loss of bass.



SPECIFICATION

| Model | EDP122SPL-E6 | EDP122-E6 | EDP152SPL-E6 |
|---------------------|---------------|---------------|--------------|
| Type | Subwoofer | Subwoofer | Subwoofer |
| Speaker Size | 12" (322mm) | 12" (322mm) | 15" (392mm) |
| RMS Power | 1500 watts | 2500 watts | 4000 watts |
| Peak Power | 4500 watts | 7500 watts | 12000 watts |
| Minimum Input (RMS) | 750 watts | 1250 watts | 2000 watts |
| Sensitivity | 83.7dB | 85.6dB | 86.6dB |
| Frequency Response | 25Hz - 1500Hz | 25Hz - 1500Hz | 20Hz - 850Hz |
| Impedance | Dual 2Ω | Dual 2Ω | Dual 2Ω |

DIMENSIONS



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