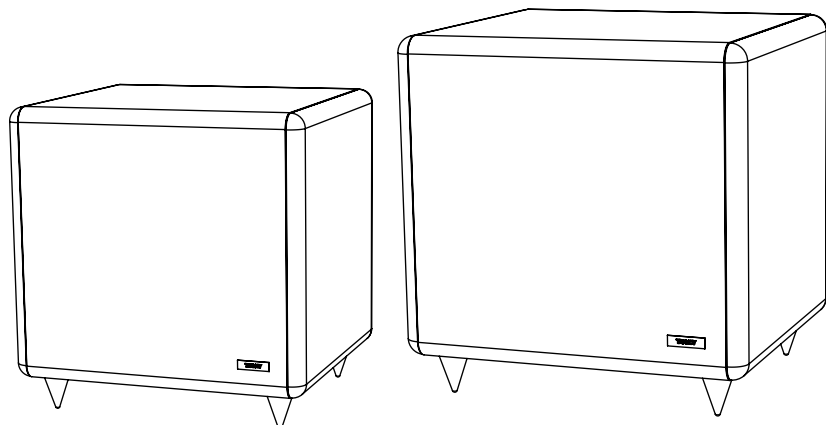


TANNOY[®]

TS2 SUB


OWNER'S MANUAL




IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water. To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. This apparatus is not suitable for in wall mounting.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Route the power cord to prevent risk from being walked on or pinched by objects, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. To completely disconnect this equipment from the mains, disconnect the power supply cord plug from the receptacle.
12. The mains plug of the power supply cord shall remain readily operable.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. This apparatus has been equipped with a rocker type AC mains switch. The switch is located on the rear panel and should remain readily accessible to the user
15. Only use attachments/accessories specified by the manufacturer.
16. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
17. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used use caution when moving the cart/apparatus combination to avoid injury from tip-over.





The lightning flash with arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage " within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

The below warning is located on the rear of the unit:

	CAUTION	
	RISK OF ELECTRIC SHOCK DO NOT OPEN	
	ATTENTION	
	RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR	

WARNING:

FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS COULD RESULT IN FIRE, ELECTRIC SHOCK, OR OTHER INJURY OR DAMAGE.

Voltages in this equipment are hazardous to life. No user-serviceable parts inside. Refer all servicing to qualified service personnel.

Check that the voltage rating displayed on the rear panel is correct is correct for your area before connecting. If it is incorrect, please refer to your local dealer or authorised service agent. Use only with the detachable power cord supplied with the apparatus, or by your local distributor or dealer.

STRONG MAGNETIC FIELD

Due to the powerful drive unit magnet, do not place within 1 metre (3 foot) of a cathode ray tube (CRT) television or monitor. There is no issue with plasma and LCD devices.

FCC INFORMATION (USA ONLY)

CAUTION: Any change or modification to this unit could void your authority to operate this equipment, granted by the FCC.

This apparatus has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in residential installations. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used according to these instructions, may cause harmful interference to other electronic equipment. However, there is no guarantee that interference will not occur in all installations. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the receiver.
- Connect the equipment to an outlet on a different circuit than the receiver.
- Consult your dealer or an experienced radio/ television technician for help.



This equipment has undergone safety and EMC testing, and complies with the European Low Voltage Directive 73/23/EEC and Electromagnetic Compatibility Directives 89/336/EEC and 2004/108/EC.

WARRANTY

No maintenance of this Tannoy Subwoofer is necessary.

This equipment has been produced and tested with care and precision. It is built to give first class service and carries a 2 year warranty on the electronics and 5 years on the drive unit. If the equipment proves to be defective within this period for any reason other than accident, misuse, unauthorised modification or fair wear and tear, Tannoy will repair any such defect or, at our option, replace it without charge for parts, labour or return carriage. This warranty is given in addition to the customer's statutory rights.

Please register your Tannoy product online at www.tannoy.com.

If you suspect a problem with your subwoofer, please contact your local Tannoy dealer who will be able to advise on appropriate action. If you require further assistance, then we ask you to deal directly with your local Tannoy distributor. If you cannot locate your distributor, please contact us directly:

Customer Services, Tannoy Ltd., Rosehall Industrial Estate, Coatbridge, North Lanarkshire, ML5 4TF, Scotland

Telephone: 01236 420199 (National)
+44 1236 420199 (International)

Fax: 01236 428230 (National)
+44 1236 428230 (International)

Email: enquiries@tannoy.com

DO NOT SHIP ANY PRODUCT TO TANNOY WITHOUT PREVIOUS AUTHORISATION

INTRODUCTION

Thank you for selecting Tannoy loudspeakers developed in the UK by our dedicated team of design engineers. They are the choice of discriminating music lovers the world over. Musical excellence is designed into our loudspeakers from the start. Careful selection of the very best components combined with strict quality control procedures in the production process ensures this level of excellence is maintained. To gain maximum performance from your loudspeakers, please take time to read this owner's manual in full before installation.

Loudspeakers are electromechanical devices that 'run-in' through use; performance will therefore improve after an initial period of 24hrs use. Once they have been further run-in over a longer period, there will be clear enhancement of the stereo imaging, mid-band quality and bass performance characteristics.

We are confident that you will continue to enjoy your new Tannoy subwoofer for many years to come.

UNPACKING

To unpack the subwoofer, remove the tape from the top of the carton then fold the flaps right back before inverting the carton and contents. Lift the carton clear of the contents, then remove all inner packaging.

Check carefully for any sign of transit damage. In this unlikely event, notify your shipping company and/or dealer as soon as possible for advice. It is recommended you store all the packaging to allow protected transport in future.

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Ensure that the following accessories are present:

- Mains cord appropriate to your country of use.

POSITIONING

The performance of any subwoofer is greatly influenced by the room placement. Corner placement will increase the amount of bass, by using either of the corners next to the front channel loudspeakers. Placing centrally along this wall will result in less bass, while moving the subwoofer out into the room will give less bass still. Be prepared to experiment with both position and the subwoofer controls to get the best results.

Remember that the object of a subwoofer is to enhance the output of your main speakers, not overpower it.

CONNECTING TO YOUR SYSTEM

ALWAYS MAKE AND CHECK ALL CONNECTIONS BEFORE PLUGGING THE SUBWOOFER INTO THE MAINS.

FOR LINE LEVEL CONNECTION

For use with an AV receiver or DVD receiver, connect a screened phono cable from the receiver SUB output to the L/LFE low level phono input on the rear of the subwoofer.

NOTE: FOR THIS MODE OF OPERATION, THE CROSSOVER FREQUENCY CONTROL ON THE SUBWOOFER SHOULD BE INITIALLY SET TO 'BYPASS'- YOUR AV RECEIVER OR DVD RECEIVER WILL DETERMINE THE EXACT CROSSOVER FREQUENCY, TYPICALLY 80HZ.

If you are using the subwoofer with a 2 channel or stereo system and your preamplifier has a spare set of outputs, connect left and right to the subwoofer L/LFE and R inputs using screened phono cables, and adjust the crossover frequency control to match the low frequency roll off of your main loudspeakers. If unsure, you may need to experiment.

If you wish to 'daisy chain' two subwoofers for use in a larger room, the OUTPUT phono connection(s) on the first subwoofer can be connected to the INPUT phono connection(s) on the second subwoofer, using screened cable(s).

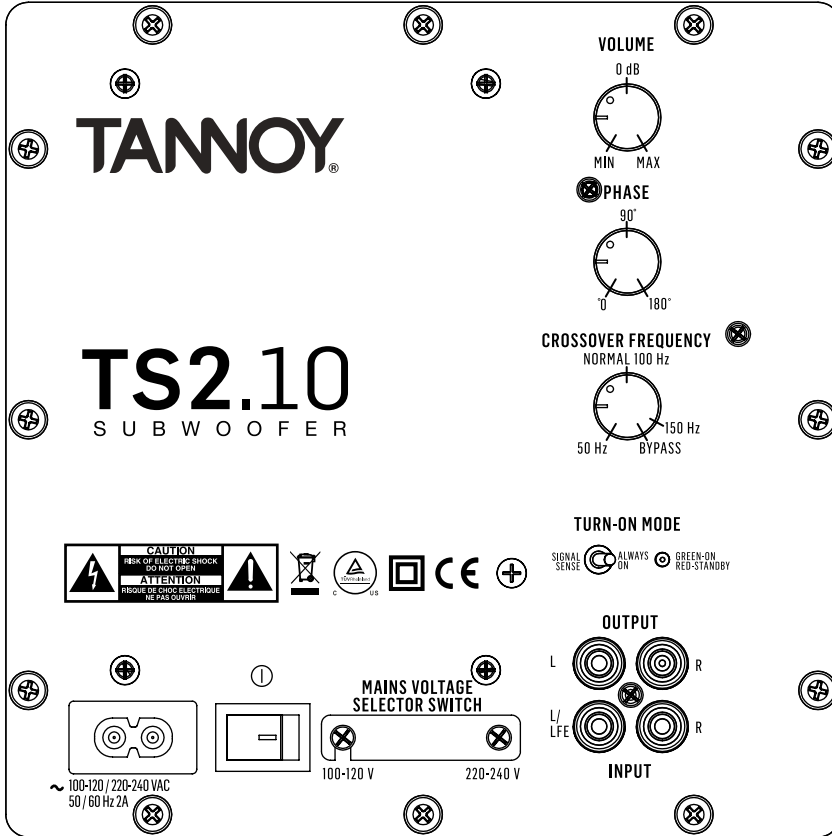
SETTING UP

Ensure the POWER switch is in the OFF position. You can operate the TS2-10 and TS2-12 subwoofers in two modes, SIGNAL SENSE and ALWAYS ON. Set to SIGNAL SENSE, the unit remains switched off until a signal is present (power saving), set to ALWAYS ON the unit runs continuously.

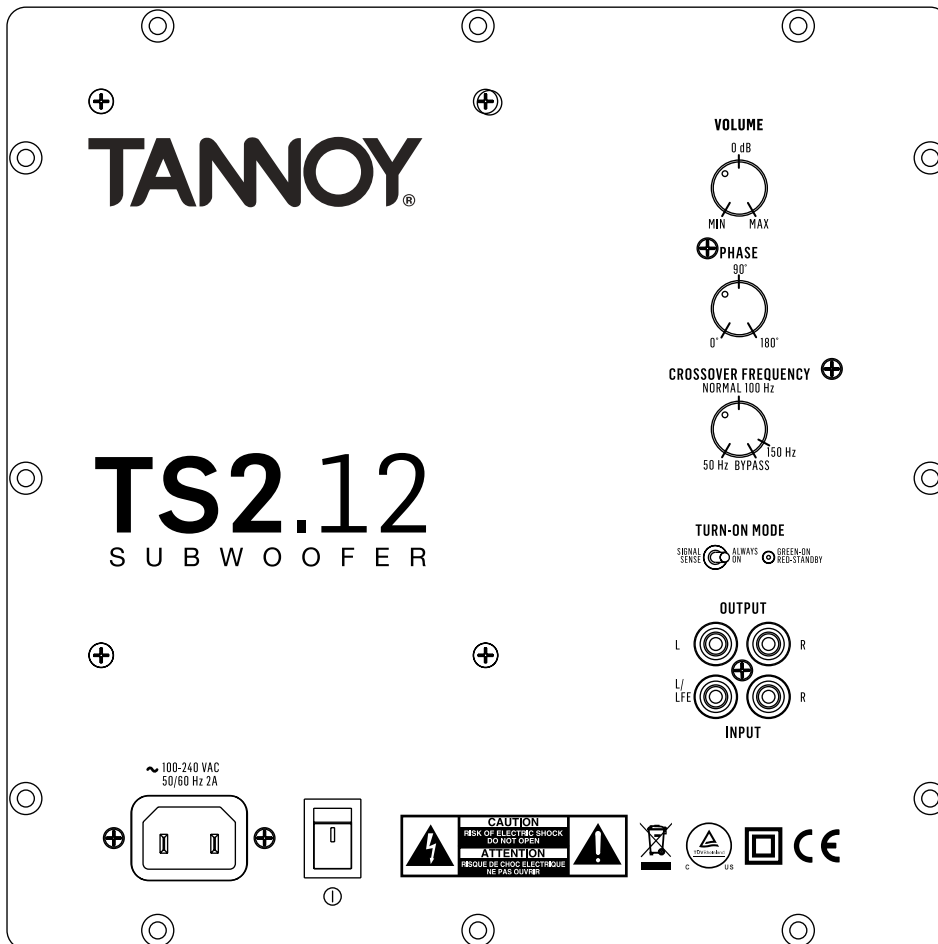
Connect the subwoofer to a convenient mains socket using the lead and plug supplied.

Set the VOLUME control to mid position, PHASE SWITCH to 0°, CROSSOVER FREQUENCY to BYPASS. Set your AV receiver/decoder to LFE or SUB output to ON and play a selection of music and movie material to establish optimum settings. Having established roughly the correct volume setting, adjust the PHASE control to see if a stronger bass response can be achieved at the listening position. Some further fine tuning may be possible by adjusting the CROSSOVER FREQUENCY control.

REAR PANEL LAYOUT TS2.10



REAR PANEL LAYOUT TS2.12



TECHNICAL SPECIFICATIONS

	TS2.10	TS2.12
Output Power	300W RMS	500W RMS
Low Frequency Response (-6dB) (Typical In Room)	24Hz	21Hz
Inputs	2 x Phono Line Level, LFE or stereo	
Outputs	2 x Phono Line Level, LFE or stereo	
Input Filter	50- 150Hz, 2nd Order Low Pass, with BYPASS Provision	
Driver Type	250mm (10") Active & Passive ABR	300mm (12") Active & Passive ABR
Enclosure Type	Closed Box, Side Firing	
Enclosure Volume	23.1 litre (0.82 cu. ft.)	37.5 litre (1.32 cu. ft.)
Additional Features	Variable Phase Control, 0 - 180 degrees Signal Sense or Always On operation	
Enclosure Dimensions, (W x H x D)	390 x 380 x 328mm (15.36 x 14.96 x 12.91")	440 x 430 x 378mm (17.33 x 16.93 x 14.88")
Enclosure Weight	14.5 kg (32 lbs)	18.2 kg (40.1 lbs)
Packed Weight	16.5 kg (36.4 lbs)	20.7 kg (45.6 lbs)
Mains Voltage	100-120V/ 220-240V switchable 50/60Hz	100-240V 50/60Hz

NOTE: Tannoy adopts a policy of continuous improvement and product specification is subject to change without notice.

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