

TANNOY:EFX 5.1

HOME THEATRE SYSTEM



S E T U P G U I D E

TANNOY:EFX 5.1 | WIDEBAND TECHNOLOGY

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Tannoy adopts a policy of continuous improvement and product specification is subject to change.

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WIDEBAND TECHNOLOGY

S E T U P G U I D E

IMPORTANT

A mains cable is supplied - where the moulded plug is fitted with a mains fuse, always replace with the same type and rating. If the fitted plug is unsuitable for your type of outlet sockets, it should be cut off and disposed of safely. The wires in the mains cable are coloured in accordance with the following code:

GREEN AND YELLOW	EARTH
BLUE	NEUTRAL
BROWN	LIVE

As the colours of the wires in the mains cable may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

- The wire that is coloured GREEN and YELLOW must be connected to the terminal in the plug that is marked either by the letter E, the earth safety symbol, or coloured GREEN or GREEN and YELLOW.
- The wire which is coloured BLUE must be connected to the terminal in the plug which is marked by the letter N or coloured BLACK.
- The wire which is coloured BROWN must be connected to the terminal in the plug which is marked by the letter L or coloured RED.
- Ensure that the terminals are tightened securely, and no loose strands of wire are present. Ensure cord grip is clamped over outer sheath of cable, rather than over the wires.

FUSE PROTECTION

An additional mains fuse is provided in the IEC power inlet on the amplifier panel, removable with a screwdriver. A fuse of the same type and rating must always replace this.

The correct type is 5mm x 20mm Time Delay (Type T):

- T1.6AL / 125V for AC 220-240V/ 50Hz operation,
- T800mAL/ 250V for AC100-120V/ 60Hz operation.



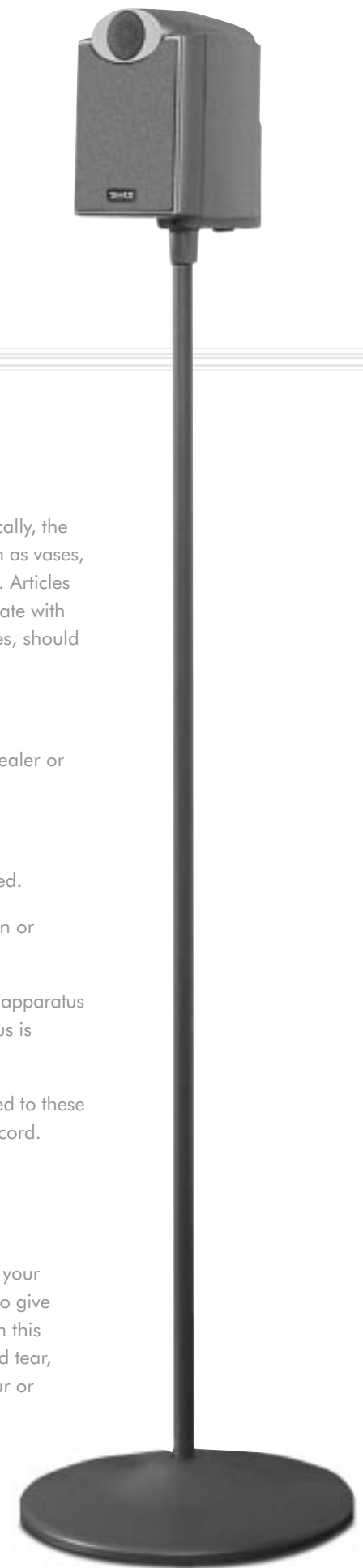
FOR YOUR OWN PROTECTION

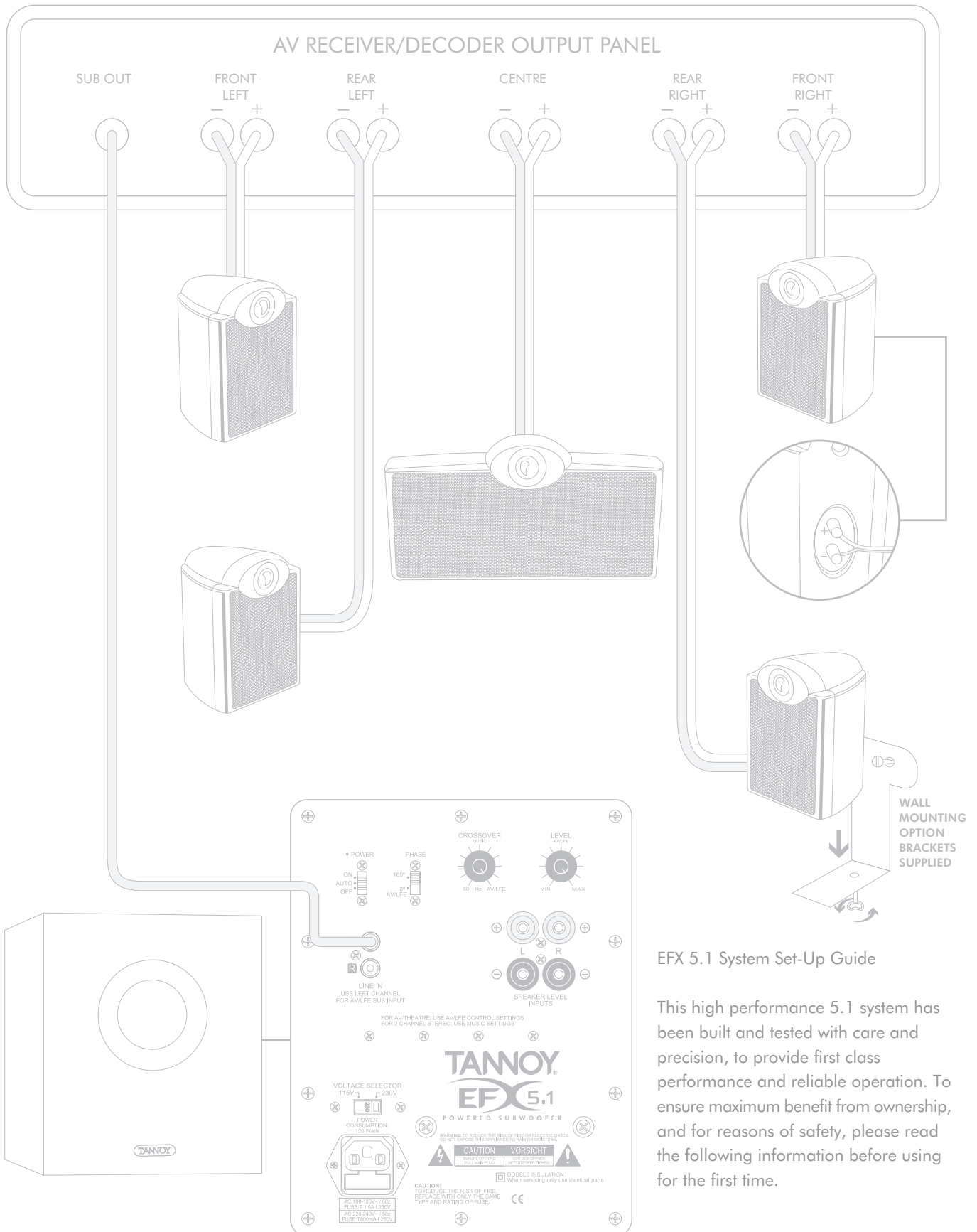
- Store the complete packaging in case it is needed for re-use.
- Never expose the unit to moisture, water and extremes of temperature or humidity. Specifically, the unit shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the unit. Allow 150mm behind the unit to allow for sufficient ventilation. Articles such as newspapers, tablecloths, curtains etc must not impede the ventilation. Do not operate with the rear panel facing a radiator or heater. No naked flame sources, such as lighted candles, should be placed on the apparatus.
- Never remove the rear panel of the unit, as there is a risk of electric shock.
- There are no user serviceable parts inside the unit. Always refer servicing to your Tannoy dealer or authorised service agent.
- Avoid violent shocks to the unit during packing or transportation.
- Do not plug the unit into the mains until all other connections have been made and checked.
- Due to the powerful magnet within FX 5.1 subwoofer, do not place within 1m of a television or computer monitor.
- When set to the 'standby' and 'off' functions, a small amount of current continues to flow to the apparatus when not in use. If not used for a long period of time, it is recommended that the apparatus is completely disconnected at the AC mains socket.
- Terminals marked with the flash symbol are hazardous live and the external wiring connected to these terminals requires installation by an instructed person or the use of a ready-made lead or cord.
- This apparatus is designed for use in moderate climates.

WARRANTY

Please complete and return the enclosed warranty registration document - this does not limit your legal rights. This equipment has been produced and tested with care and precision. It is built to give first class service and carries a 1-year warranty. 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.

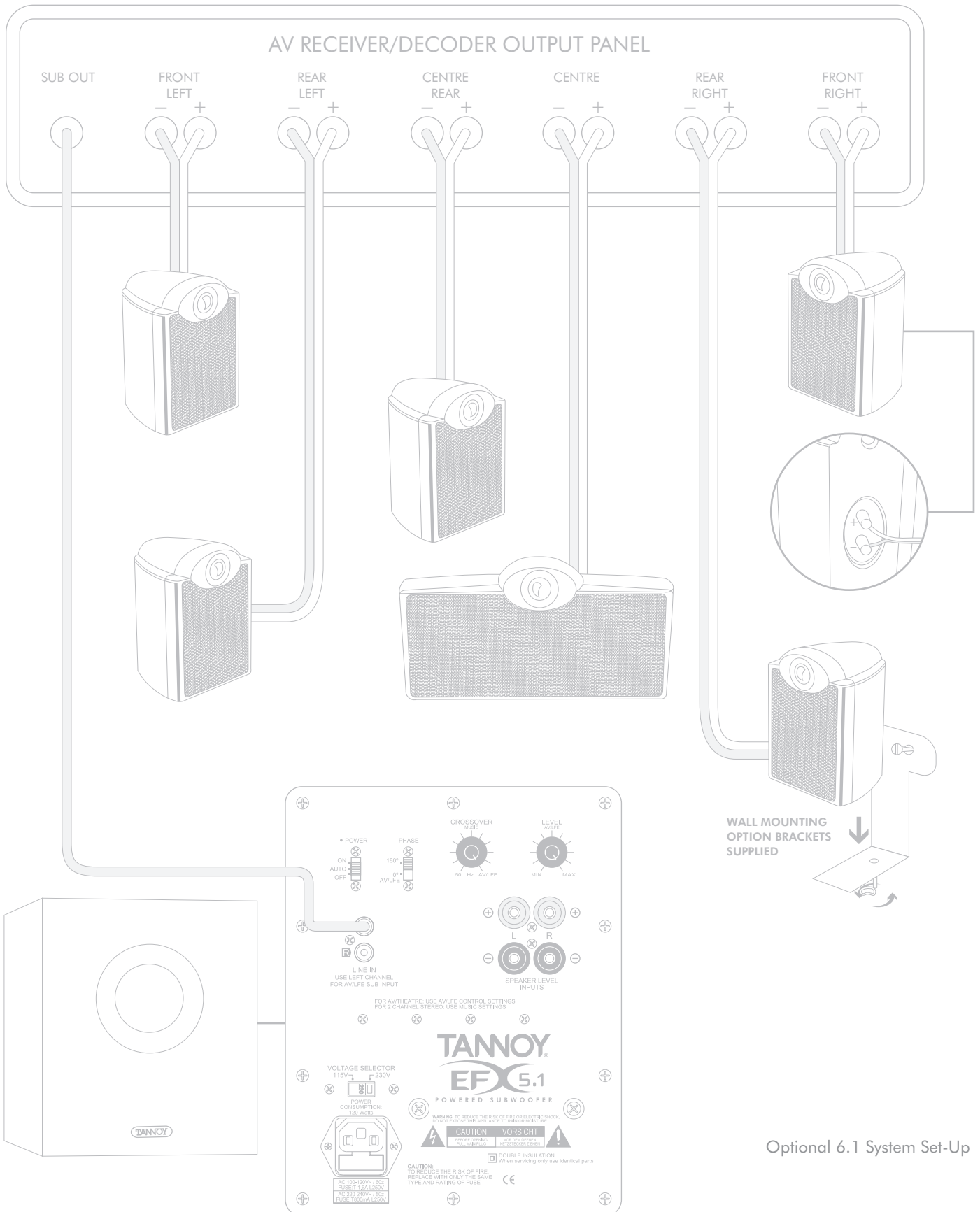
If you suspect a problem with your loudspeakers, please contact your local Tannoy dealer who will be able to advise on appropriate action.





EFX 5.1 System Set-Up Guide

This high performance 5.1 system has been built and tested with care and precision, to provide first class performance and reliable operation. To ensure maximum benefit from ownership, and for reasons of safety, please read the following information before using for the first time.



Optional 6.1 System Set-Up

CONNECTING THE EFX SUBWOOFER TO YOUR SYSTEM

The EFX subwoofer may be connected in any one of the following ways:

LINE LEVEL

- Using the subwoofer output on your A/V receiver or decoder connect a single RCA interconnect to either the left or right line input on the subwoofer rear panel. This is the ideal connection type as the subwoofer output contains the low frequency information from all channels.
- If no subwoofer or spare line outputs exist you may connect using a Y-split connector on the main preamplifier output connections. Use a Y-split on both right and left outputs and connect these via an RCA interconnect to the left and right inputs on the subwoofer rear panel.
- Alternatively, if your preamplifier has a spare set of line level outputs, connect left and right to the EFX subwoofer L and R inputs using screened cable.

HIGH LEVEL

- Use your amplifier's speaker out terminals. To accommodate the connection of two sets of cables, red (+) goes to red (+), and black (-) to black (-), twist wires together and connect to the amplifier terminals.
- Alternatively use the 'A & B' speaker outputs on the amplifier if provided - A to your main speakers and B to the EFX subwoofer. Do this using a length of speaker cable for each channel, wire your amplifier outputs to the HIGH LEVEL input terminals, on the subwoofer amplifier panel. Ensure there are no stray wire strands that could possibly short together and damage both the amplifier and subwoofer.

WARNINGS

- Double-check all connections before switching on the EFX system and your amplifier.
- Ensure that the polarity of the speaker cables from your amplifier to the subwoofer is correct - failure to observe this will result in damage to your amplifier.
- When using the HIGH LEVEL inputs, ensure that your amplifier is not configured in bridge mode; damage could result to either the amplifier or the subwoofer. If in doubt consult your dealer.

SETTING UP

Ensure the POWER switch is in the OFF position. You can operate the EFX subwoofer in two modes, AUTO and ON. Set to AUTO, the unit remains switched off until a signal is present (power saving), set to ON the unit runs continuously. Connect the EFX subwoofer to a convenient mains socket using the lead and plug supplied.

Set the EFX subwoofer VOLUME to MIN, PHASE SWITCH to 0°, CROSSOVER to AV/LFE. Set your 5.1 or 6.1 receiver/decoder to SMALL SPEAKERS, LFE or SUB output to ON and play a favourite disc. Switch the EFX subwoofer to ON and set the VOLUME to AV/LFE. Assess the bass signal strength and adjust VOLUME accordingly. The purpose of a subwoofer is to enhance the bass or low frequencies but not to overpower the music or film dialogue. Set up can be checked by using the noise signal calibration facility in most 5.1 or 6.1 receivers/decoders.

POSITIONING

As the EFX subwoofer produces low frequencies only, it is difficult to detect its location by ear. It can therefore be placed anywhere in the room, but optimum performance will be gained by locating the subwoofer between the front pair of speakers. Bass output will increase next to a wall or especially in a corner; so use the VOLUME control to compensate if moving your subwoofer around.

AUTO POWER/ SLEEP FUNCTION

The EFX subwoofer can be left permanently on in AUTO mode, under which conditions it will revert to 'sleep' mode after approximately 20 minutes. If not using your subwoofer for some time, switch OFF and remove the power cable from the mains outlet.

POWER REQUIREMENTS

Check that the voltage rating displayed on the rear panel is correct for your area before connecting. If it is incorrect, move the voltage selector on the rear panel to the appropriate voltage. The panel mounted fuse should also be changed to the correct rating (see below, under FUSE PROTECTION). If in any doubt, consult your Dealer or Authorised Service Agent.

CENTRE & SATELLITES

PERFORMANCE

Recommended amplifier power	15 - 100 Watts
Maximum Sensitivity (2.83Volts @ 1m)	85dB
Nominal impedance	6 ohm
Frequency response (-6dB)	140Hz-78kHz
Drivers	HF: 15mm (5/8 inch) titanium dome, Neodymium magnet system LF: 75mm (3 inch) paper cone
Crossover frequency	4.5kHz (mid to high) 140Hz (to subwoofer)
Magnetic shielding	Yes
Satellite Weight	750gms (1.65lbs)
Satellite Dimensions H x W x D	140 x 97 x 95mm (5 1/2 x 3 7/8 x 4 5/16 inches)
Centre Weight	1.5kg (3.3lbs)
Centre Dimensions H x W x D	120 x 230 x 95 mm (4 3/4 x 9 x 3 3/4 inches)
Finish	Silver or black
Supplied accessories	Wall mounting brackets 25 metres (82 ft 6 inches) speaker cable
Optional accessories	Satellite floor stands available in matching silver & black

SUBWOOFER

PERFORMANCE

Power output	100W Watts
Frequency response (-6dB)	45Hz - 140Hz
Driver	200mm (8 inch) paper cone
Inputs	Twin line or speaker level
Power requirements	115 or 230V AC / 50 - 60 Hz, switching facility on amplifier panel, 160VA max
Fuse ratings	AC100-120V / 60Hz - Fuse: T1.6A L /125V. AC 220-240V / 50Hz - Fuse: T800mA L /250V
Additional features	ON / OFF/ AUTO power function
Weight	9 Kg (20lbs)
Dimensions H x W x D	345 x 250 x 370 mm (13 5/8 x 10 x 14 5/8 inches)
Finish	Silver or black

Due to our policy of continuous improvement, this is a specification update sheet that should be read along with the manual as it provides the latest correct information. All specifications may be subject to further change without notice.

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