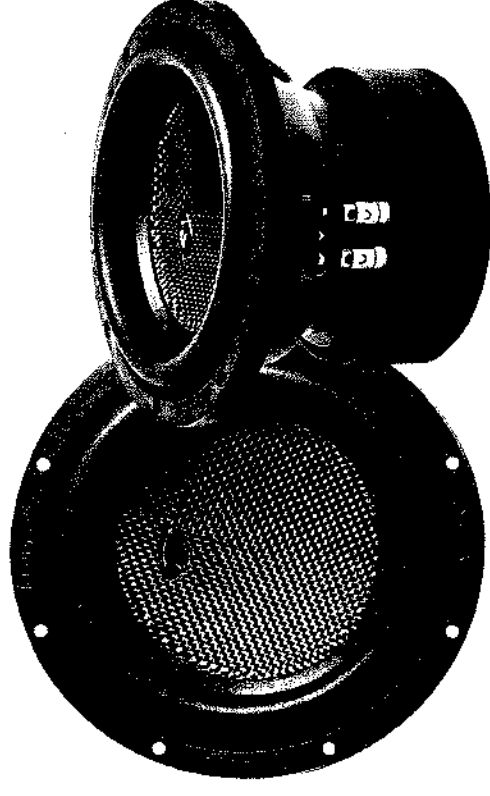


IN PHASE

USER GUIDE



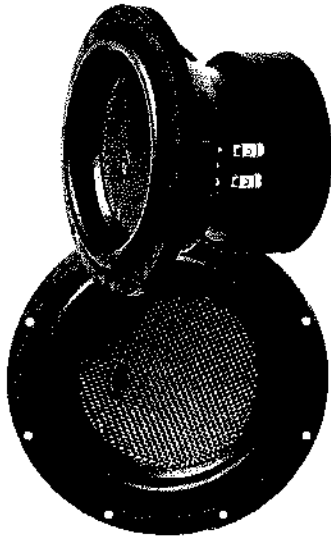
XT Series Subwoofers

XT6 | XT8 | XT10 | XT12

Dear Customer,

Thank you for purchasing this In Phase Product.

In Phase is proud to introduce a new series of professional subwoofers designed in Britain by a team of dedicated engineers our goal is to provide you, our customer, with the absolute best subwoofer on the market.



XT Series Features:

- Heavy gauge stamped basket with black powder finish
- Kevlar fiber enhanced nonpress paper cone
- Hi-roll foam surround
- Black kevlar woven dust cap
- 2" High-temp 4-layer aluminium voice coil
- 1-pc 2-layer black poly-cotton spider
- Tinsel woven on spider
- Double stacked 90o0z magnets
- Black finish T-yoke with VC direct cooling vents

XT Series Specification:

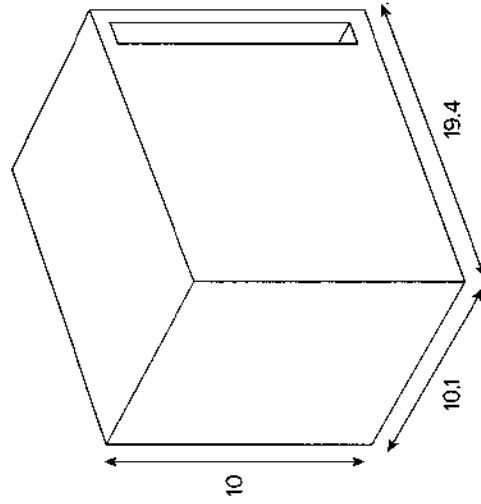
Model	Power RMS in Watts	Power Peak in Watts	Fs Hz	Qts	Vas L	Spl dB	Imp Dual ohm	Size inches
XT6	250	800	53.1	0.550	3.061	81.2	2	6
XT8	300	1000	42.457	0.369	9.011	84.2	2	8
XT10	350	1200	39.217	0.445	20.297	85.8	2	10
XT12	400	1400	35.184	0.513	53.632	88.4	2	12

XT Series Enclosure Design:

XT series enclosure design supplied are based on construction material of 18mm MDF. Measurements provided are internal measurements and do not take into account the chosen thickness of construction material.

Driver	Gross int vol	Port area & Length	Height	Width	Depth
XT6	0.54	9.65 sq" vent x 26" long	10	13	12
XT8	0.96 [^] ft	11.25 sq" vent x 22" long	10	18	8.7
XT8	1.59 [^] ft	20.0 sq" vent x 23" long	12	22	10.5
XT10	1.59 [^] ft	20.0 sq" vent x 23" long	12	22	10.5
XT10 / XT12	1.88 [^] ft	24.0 sq" vent x 22" long	12	25	10.9
XT12	2.22 [^] ft	28.0 sq" vent x 21.5" long	14	26	10.6
XT12	2.51 [^] ft	32.0 sq" vent x 21" long	14	28	11

Measurements in INCHES



Example using 18mm MDF

Before construction:

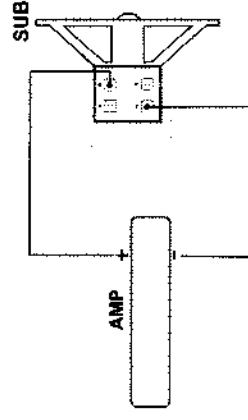
Please note all measurements provided are for guidance only and will differ to your installation. You will need to consider port location and speaker depth. Some measurements will need to be adjusted to suit individual construction plans.

How to connect your subwoofer

This section offers instructions on connecting your subwoofer in a mono and stereo configuration. Each side of the voice coil is 2 ohm each. Most amplifiers are 4 ohm stable in mono. Please connect using diagrams and descriptions below.

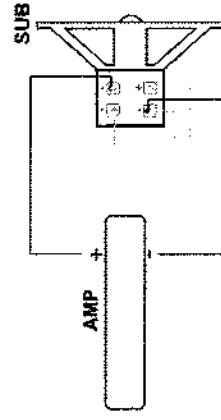
(Note: Please consult your amplifier user guide when connecting)

Connection in Series



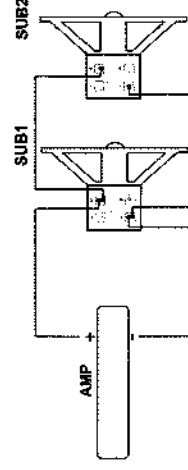
Speaker Terminal Left -
Positive to Negative to Negative on Amp
Speaker Terminal Right -
Negative to Positive - to Positive on Amp

Connection in parallel

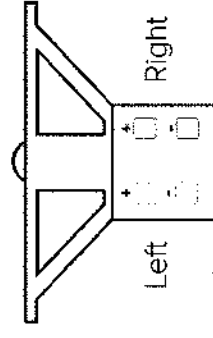


Connect Left and Right Positives -
Then connect to Positive on Amp
Connect Left and Right Negatives -
Then connect to the Negative on Amp

Connection in parallel using two subs in stereo



Connect all speaker Positives to
Positive on Amp
Connect all speaker Negatives to
Negative on Amp



Recommended Amplifiers

Wired in	4Ohm Mono	Two woofers wired in Series, then Parallel (Mono)
XT6 x 1	IPA 601	2 Ohms IPA 8701D
XT8 x 1	IPA 1601	2 Ohms IPA 9701D
XT10 x 1	IPA 1601	2 Ohms IPA 9701D/ IPA 3001D
XT12 x 1	IPA 1601	2 Ohms IPA 9701D/ IPA 3001D

For further details on recommended amplifiers please visit www.inphaseaudio.co.uk