



Wharfedale Pro

Your full user manual can also be downloaded from [www.wharfedalepro.com](http://www.wharfedalepro.com)

# Programme-X Series QUICK START GUIDE

## Programme-X Series Product Specifications

Model Name	Programme-X105 / X105T	Programme-X205 / X205T	Programme-X108 / X108T	Programme-X206 / X206T	Programme-X406 / X406T
System Type	5" Passive	2 x 5" Passive	8" Passive	2 x 6.5" Passive	4 x 6.5" Passive
Configuration	Two-way	Two-way	Two-way	Two-way	Two-way
Frequency Response (+/-3 dB)	75 Hz - 20 KHz	70 Hz - 20 KHz	60 Hz - 20 KHz	65 Hz - 20 KHz	60 Hz - 20 KHz
Frequency Range (- 10 dB)	70 Hz - 20 KHz	65 Hz - 20 KHz	55 Hz - 20 KHz	60 Hz - 20 KHz	55 Hz - 20 KHz
Sensitivity (2.83 v / 1 m)	91 dB	94 dB	94 dB	96 dB	98 dB
Calculated Maximum SPL @1 m	116 dB	120 dB	122 dB	124 dB	129 dB
System Rated Impedance	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω
<b>Low Frequency Transducer</b>					
Size	127 mm / 5"	2 x 127 mm / 2 x 5"	203.2 mm / 8"	2 x 165.1 mm / 2 x 6.5"	4 x 165.1 mm / 4 x 6.5"
Voice Coil Size	25.5 mm / 1"	25.5 mm / 1"	51.5 mm / 2"	25.5 mm / 1"	25.5 mm / 1"
Rated Impedance	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω
LF Power (re:AES2-2012)	65 W	2 x 50 W	150 W	2 x 65 W	4 x 65 W
<b>High Frequency Transducer</b>					
HF Driver Type	Dome Tweeter	Compression Driver	Compression Driver	Compression Driver	Compression Driver
Voice Coil Size	25.4 mm / 1"	25.4 mm / 1"	25.4 mm / 1"	25.4 mm / 1"	25.4 mm / 1"
Exit Size	25.4 mm / 1"	25.4 mm / 1"	25.4 mm / 1"	25.4 mm / 1"	25.4 mm / 1"
Diaphragm Material	Titanium	Rugged Phenolic	Rugged Phenolic	Rugged Phenolic	Rugged Phenolic
Rated Impedance	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω
HF Power (re:AES2-2012)	15 W	20 W	20 W	20 W	20 W
Nominal Coverage (H x V)	60° x 60°	90° x 60°	90° x 60°	90° x 60°	90° x 60°
<b>Power</b>					
System Continuous Power	80 W	100 W	150 W	150 W	300 W
System Programme Power	160 W	200 W	300 W	300 W	600 W
System Peak Power	320 W	400 W	600 W	600 W	1200 W
Crossover frequency	2.3 KHz	2.0 KHz	2.0 KHz	2.1 KHz	2.1 KHz
Recommended HPF = BW 18 dB/oct.	58 Hz	55 Hz	38 Hz	38 Hz	32 Hz
Input Connector	Barrier Strip	Barrier Strip	2 x NL4 (speakON Compatible) + Barrier Strip	2 x NL4 (speakON Compatible) + Barrier Strip	2 x NL4 (speakON Compatible) + Barrier Strip
Input Connectors (T)	Barrier Strip	Barrier Strip	Barrier Strip	Barrier Strip	Barrier Strip
Transformer (T)	100 V / 70 V	100 V / 70 V	100 V / 70 V	100 V / 70 V	100 V / 70 V
Transformer Taps (70 V)	7.5,15,30,60 W	10,20,40,80 W	15,30,60,120 W	15,30,60,120 W	15,30,60,120 W
Transformer Taps (100 V)	15,30,60 W	20,40,80 W	30,60,120 W	30,60,120 W	30,60,120 W
<b>Hardware</b>					
Rigging	M8 x 14	M8 x 18	M8 x 18	M8 x 18	M8 x 18
Pole Mount	N/A	N/A	N/A	N/A	N/A
<b>Enclosure</b>					
Enclosure Material	MDF	MDF	MDF	MDF	MDF
Finish	Black / White Paint	Black / White Paint	Black / White Paint	Black / White Paint	Black / White Paint
Grille Material & Finish	Black / White Full (Steel)	Black / White Full (Steel)	Black / White Full (Steel)	Black / White Full (Steel)	Black / White Full (Steel)
<b>Dimensions - Unpacked</b>					
Height	304 mm / 11.97"	600 mm / 19.69"	458 mm / 18.03"	660.5 mm / 26"	980 mm / 38.58"
Width Front	184 mm / 7.24"	184 mm / 7.24"	248 mm / 9.76"	215 mm / 8.46"	215 mm / 8.46"
Width Rear	130 mm / 5.12"	130 mm / 7.24"	173 mm / 6.8"	140 mm / 5.51"	140 mm / 5.51"
Depth	205 mm / 8.07"	205 mm / 8.07"	275 mm / 10.83"	275 mm / 10.82"	275 mm / 10.82"
<b>Dimensions - Packed</b>					
Height	379 mm / 14.9"	675 mm / 26.6"	533 mm / 21.0"	735 mm / 28.9"	1055 mm / 41.5"
Width Front	250 mm / 9.8"	250 mm / 9.8"	324 mm / 12.8"	291 mm / 11.5"	291 mm / 11.5"
Width Rear	250 mm / 9.8"	250 mm / 9.8"	324 mm / 12.8"	291 mm / 11.5"	291 mm / 11.5"
Depth	274 mm / 10.8"	274 mm / 10.8"	345 mm / 13.6"	345 mm / 13.6"	345 mm / 13.6"
<b>Weight</b>					
Net Weight : Regular / T-Version	5.22 Kg / 6.42 Kg	9.34 Kg / 10.4 Kg	10.02 Kg / 12.94 Kg	11.36 Kg / 15.24 Kg	17.8 Kg / 21.0 Kg
Gross Weight : Regular / T-Version	6.59 Kg / 7.14 Kg	10.84 Kg / 11.9 Kg	11.8 Kg / 14.54 Kg	13.4 Kg / 17.28 Kg	20.7 Kg / 23.8 Kg
Included accessory	black / white U bracket	black / white U bracket	black / white U bracket	black / white U bracket	black / white U bracket

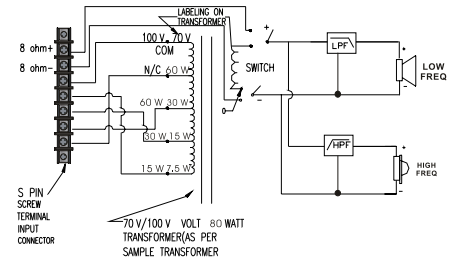
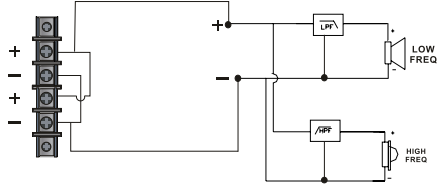
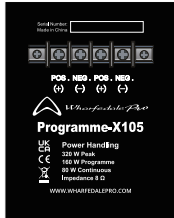
Note : Specifications may be subject to change without notice.

Programme-X is supplied with U brackets for easy install, but, for more installation versatility the following Wharfedale Pro brackets may be used.

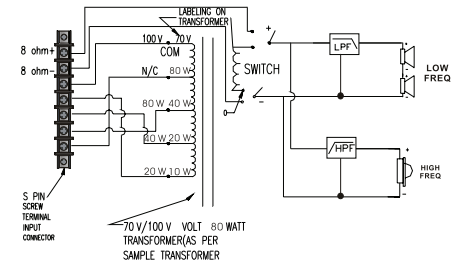
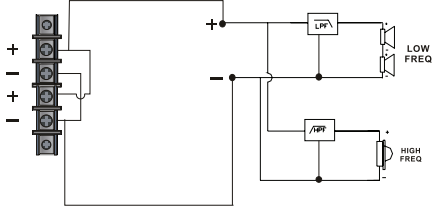
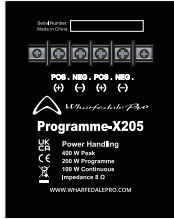
**WPB-4 :** Programme-X406 / X406T

**WPB-5 :** Programme-X108 / X108T  
Programme-X205 / X205T  
Programme-X206 / X206T

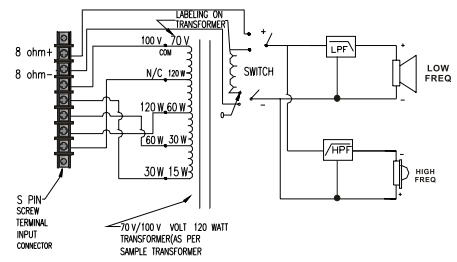
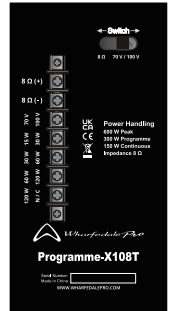
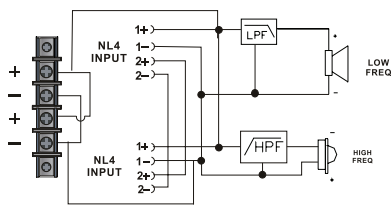
## Programme-X105 / X105T



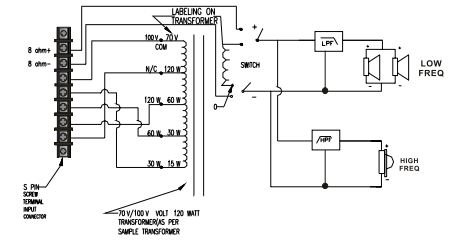
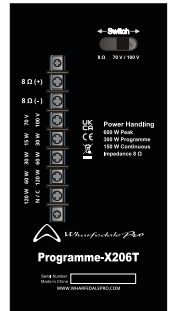
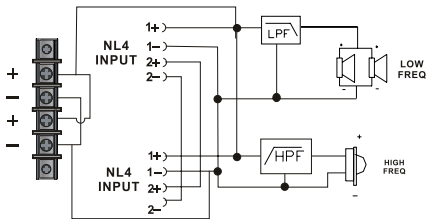
## Programme-X205 / X205T



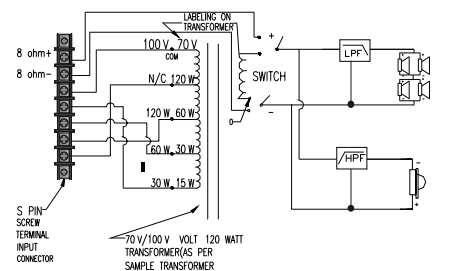
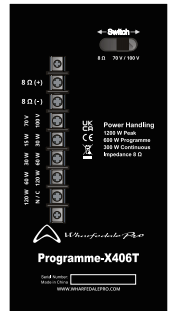
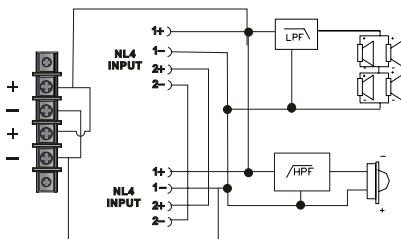
## Programme-X108 / X108T



## Programme-X206 / X206T



## Programme-X406 / X406T



## WHARFEDALE PRO LIMITED WARRANTY

Wharfedale Pro products are warranted of manufacturing or material defects for a period of three years from the original date of purchase. In the event of malfunction, contact your authorised Wharfedale Pro dealer or distributor for information.

Please be aware that the warranty details may differ from country to country. Contact your dealer or distributor for information (available at [www.wharfedalepro.com](http://www.wharfedalepro.com)). These terms do not infringe your statutory rights.



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