

twin x



The Wharfedale Pro TWIN X Series of professional loudspeakers are compact, high efficiency point source systems designed to meet demanding professional applications requiring both sonic quality and integrity. The TWIN X Series is especially suited to high quality sound reinforcement applications where the power response and overall performance give exceptional results even in challenging acoustic spaces. Whether applied to a reverberant or “dry” club type acoustic environment the TWIN X integrates successfully with the room for superior sound quality with a minimum of equalization and tuning. Due to the co-axial design the TWIN X also provides excellent stage monitoring in near field situations.



Wharfedale
Pro

features

- Proprietary designed, high efficiency, high power Wharfedale Professional coaxial two-way full-range drive units (full range units).
- Sophisticated crossover design enables smooth power and frequency response control through crossover region.
- Speakon™ connectors
- Protective full steel grille
- High power output, low distortion sound quality
- Trapezoidal array design
- Low profile ceiling mounting – low profile stage monitor
- Pole mount socket for portable sound system use
- Integral High Frequency Driver Overload protection “PRO-TECH”™
- Strong construction of acoustically inert 18 mm birch plywood.
- Available in white finish



specifications

MODEL NAME	TWIN-X 8	TWIN-X 10	TWIN-X 12	TWIN-X 15	TWIN-X 15SB	TWIN-X 18SB
Driver	1 x 8" coaxial full range speaker	1 x 10" coaxial full range speaker	1 x 12" coaxial full range speaker	1 x 15" coaxial full range speaker	1 x 15" bass unit	1 x 18" bass unit
Power handling (watts)						
Continuous	100	150	200	300	600	600
Music	200	300	400	600	1200	1200
Peak	400	600	800	1200	2400	2400
Nominal impedance	8Ω	8Ω	8Ω	8Ω	4Ω	4Ω
Sensitivity (1W@1m)	94dB	96dB	98dB	99dB	99dB	102dB
SPL (peak)	120dB	124dB	127dB	130dB	130dB	132dB
Frequency response	65Hz-20kHz	60Hz-20kHz	55Hz-20kHz	45Hz-20kHz	40Hz-160kHz	35Hz-160kHz
Effective crossover point	2.3kHz	2.2kHz	2.0kHz	2.1kHz	--	--
Weight						
Gross weight	15kg	19.8kg	23.5kg	34kg	48.5kg	64.5kg
Net weight	13kg	17.5kg	21.5kg	31kg	45.5kg	62.5kg
Input connector	Speakon™ type	Speakon™ type	Speakon™ type	Speakon™ type	Speakon™ type	Speakon™ type
Dimensions (H x W x D)	373 x 288 x 250mm	434 x 322 x 319mm	508 x 377 x 370mm	568 x 460 x 428mm	646 x 460 x 618mm	720 x 538 x 692mm
Dispersion (H x V)	60° x 60°	70° x 70°	70° x 70°	70° x 70°	--	--
HF driver protection	Protection lamp	Protection lamp	Protection lamp	Protection lamp	--	--
Handles quantity	1	1	1	1	2	4
LF driver size	8"	10"	12"	15"	15"	18"
Magnet weight	925g	1345g	1345g	2467g	2690g	3150g
LF coil size	50mm/2"	50mm/2"	65mm/2.5"	77.06mm/3"	100mm/4"	100mm/4"
Frame material	Die cast aluminium	Die cast aluminium	Die cast aluminium	Die cast aluminium	Die cast aluminium	Die cast aluminium
HF coil size	2"	2"	2"	2"	--	--
Exit size	1"	1"	1"	1"	--	--
Diaphragm material	Titanium	Titanium	Titanium	Titanium	--	--
Phase plug type	Radial	Radial	Radial	Radial	--	--
Finish	Tough Black Paint	Tough Black Paint	Tough Black Paint	Tough Black Paint	Tough Black Paint	Tough Black Paint
Construction material	18mm birch plywood	18mm birch plywood	18mm birch plywood	18mm birch plywood	18mm birch plywood	18mm birch plywood
Grille	Full punched steel	Full punched steel	Full punched steel	Full punched steel	Full punched steel	Full punched steel



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