

Wharfedale

W15/RS

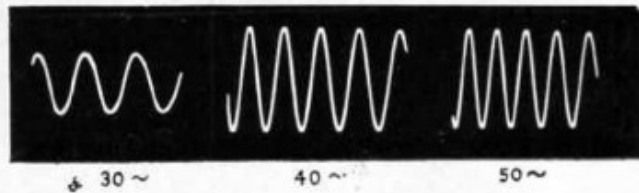


Converted to the RS type in June 1961, this magnificent bass unit has a smooth response up to 2,000 c/s and goes down to 25 c/s in suitable enclosures as small as 4 cu. ft. in volume. It is used in the Airedale cabinet model, which has achieved world fame for its magnificent bass. The following oscillograms, taken with an input at the remarkable level of 10 watts, illustrate the basic reason.

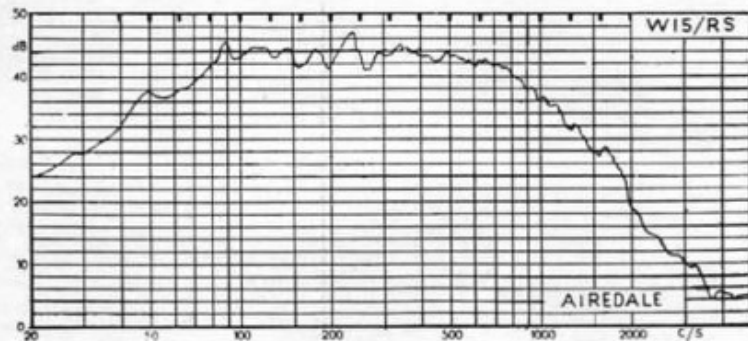
Impedance 12/15 ohms only.

Flux density 13,500 oersteds.
2" dia. centre pole.
Max. input 20 watts rms or 40 watts peak.
Frequency range 25-1,500 c/s.
Roll surround.

Waveform at 10 watts input level.



Response curve, also taken in Airedale 4 cu. ft. enclosure, with crossover at 400 c/s.



WHARFEDALE LOUDSPEAKER DATA

MODEL	BASS RESONANCE c/s	FLUX DENSITY Oersteds	TOTAL FLUX Maxwells	MAX. INPUT		WEIGHT Lb.	BAFFLE OPENING In.	CHASSIS DIA. In.	OVERALL DEPTH In.	FIXING HOLES PCD In.
				RMS Watts	PEAK Watts					
Super 3	Treble only	14,500	60,000	6	12	3½	3	3½	2½	3½
PST/4	Treble only	11,500	28,800	5	10	1½	3½	4½	2½	4½
8" Bronze	70/80	10,500	41,500	5	10	2½	7	8	3½	7½
8" Bronze/RS/DD	50/60	10,500	41,500	5	10	2½	7	8	3½	7½
Super 8/RS/DD	50/60	14,500	60,000	6	12	4½	7	8	3½	7½
10" Bronze/RS/DD	38/43	10,500	41,500	6	12	4½	8½	9½	4½	9½
Golden 10/RS/DD	38/43	14,500	60,000	8	16	5½	8½	9½	5½	9½
Super 10/RS/DD	38/43	16,000	85,000	10	20	10½	8½	9½	5½	9½
W12/RS/PST	26/32	14,000	156,000	15	30	12	10½	12½	5½	12½
RS/12/DD	26/32	14,000	156,000	15	30	12	10½	12½	5½	12½
Super 12/RS/DD	26/32	17,000	190,000	20	40	18½	10½	12½	7	12½
W12/EG	46/52	14,000	156,000	15	30	12	10½	12½	5½	12½
W15/RS	26/32	13,500	180,000	20	40	13½	12½	14½	7½	14½
W15/EG	36/42	13,500	180,000	20	40	13½	12½	14½	7½	14½

RS=Roll surround DD=Double diaphragm PST=Polystyrene diaphragm