TRANSFORMERS

TRHL TRHLM TRSP1F TRSP2F TRSP600L

Whirlwind's transformers are the product of our desire to supply the highest quality transformers at ANY price. Constructed to rigid quality-control specifications, they are used in the most demanding recording and live sound applications.

We have designed our transformers from the ground up. New core and housing materials, special windings, Faraday shielding, high level-handling capabilities and frequency response were all considerations in design. As a result, we offer three types that fit any audio transformer application.

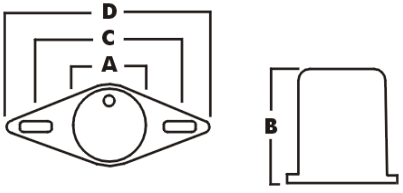
The TRHL series is designed to convert high impedance signals to low impedance. (TRHLM features a metal can for extra shielding.)

The TRSP1F and TRSP2F facilitate microphone isolation and splitting.

The TRSP600L is designed for isolating, balancing and splitting line level audio signals. It features a dual secondary that may be wired in series as a single secondary mode or wired as a dual secondary with each output at 6dB down from the input.

In addition, Whirlwind distributes premium Lundahl and Jensen transformers and these transformers may be special ordered in many Whirlwind products.

Dimensions in Inches (Not to scale)



Model	A	B	C	D
TRHL	N/A	.750	1.375	1.625
TRHLM	.938	1.375	1.172	1.406
TRSP1F	.938	1.375	1.172	1.406
TRSP2F	.938	1.375	1.172	1.406
TRSP600L	N/A	1.200	1.75	2.060

Model	Input Impedance (Ohms)	Output Impedance (Ohms)	Frequency Response (Hz)	THD @ 1kHz	Max Input* (dBu)	Max Input @ 20Hz (dBu)	# of Inputs	# of Outputs	Pri to Sec Loss (dB)	Metal Can	Faraday Shield
TRHL	20k	150	20-20k	0.05%	+16	N/A	1	1	22	No	Yes
TRHLM	20k	150	20-20k	0.05%	+16	N/A	1	1	22	Yes	Yes
TRSP1F	150	150	20-20k ±0.63dBV	0.005%	+16	-.5	1	1	0.88	Yes	Yes
TRSP2F	150	150 X 2	20-20k ±0.56dBV	0.005%	6	-.5	1	2	0.97	Yes	Yes
TRSP600L	600	600 or 150 X 2	20-20k	.005%	+26	+20	1	1 or 2	1.5 or 6	No	No

*100 Hz to 20kHz; All measurements at 0dBv = .775VRMS;
THD measured at 0dBu except TRSP600L at +10dBu.