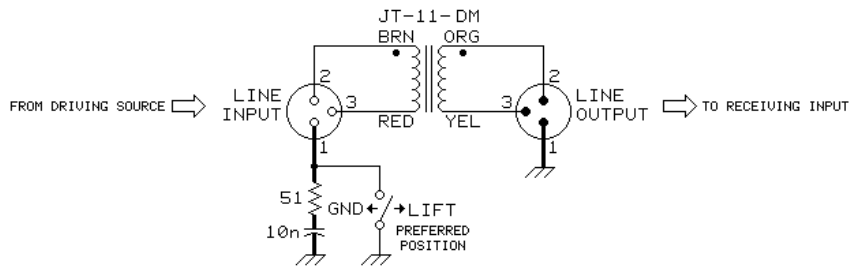


JT-11-DM BASIC "HUM STOPPER" TRANSFORMER ISOLATION BOX



AN OUTPUT TRANSFORMER BOX CAN BE VERY USEFUL TO REDUCE OR ELIMINATE "HUM" IN AUDIO SYSTEMS. IT WILL USUALLY DO A GOOD JOB AT ELIMINATING "HUM", BUT IS MUCH LESS EFFECTIVE AT THE HIGHER FREQUENCIES CONTAINED IN "BUZZ". IT WILL ALSO ALLOW AN "ACTIVE BALANCED" OUTPUT TO DRIVE GROUNDED (UNBALANCED) LOADS. AN INPUT TRANSFORMER, INSTALLED AT THE CABLE'S RECEIVE END, IS THE BEST SOLUTION FOR BOTH "HUM" AND "BUZZ". <SEE JENSEN AN003 FOR MORE DETAILED INFORMATION>

1. FOR LOWEST DISTORTION, OUTPUT IMPEDANCE OF THE DRIVING SOURCE SHOULD BE 600Ω OR LESS.
2. IF A METAL BOX IS USED, THE HOUSING OF J1 SHOULD BE INSULATED FROM IT BECAUSE, SHOULD THE MATING CONNECTOR HAVE PIN 1 TIED TO ITS SHELL, THE GROUND LIFT SWITCH WOULD HAVE NO EFFECT.
3. THE SERIES RC NETWORK PROVIDES SHIELD TERMINATION AT RADIO FREQUENCIES TO HELP REDUCE RFI PROBLEMS AT THE SYSTEM LEVEL.

jensen

AS036

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