HP-1A INSTRUCTION SHEET

VIEW FROM COMPONENT SIDE OF BOARD

PARTS LIST
1 - 5.6K 1/8 watt resistor, 5% carbon film ........... $0.31 ea.
1 - 120K 1/8 watt resistor, 5% carbon film ........... $0.31 ea.
2 - 150K 1/8 watt resistor, 5% carbon film ........... $0.31 ea.
1 - 470K 1/8 watt resistor, 5% carbon film ........... $0.31 ea.
1 - 1.5M 1/8 watt resistor, 10% carbon Comp ........... $0.22 ea.
1 - 2.7M 1/8 watt resistor, 10% carbon Comp ........... $0.22 ea.
2 - MPS3939 Transisors, NPN, Silicon ................ $0.49 ea.
3 - 1800pf, 50v Capacitor, CW15 ceramic ........... $1.25 ea.
1 - .1uf, 50v Capacitor, CW15 ceramic ................ $2.00 ea.
1 - 10uf, 20v Capacitor, Tantalum ................... $0.87 ea.
1 - Printed Circuit Board ................................ $2.00 ea.
4 - Wires, colored #28, 12' long ....................... $0.10 ea.
1 - 4-40 angle, 90 degrees ............................ $0.15 ea.
1 - 4-40 spacer with (2) 4-40 screws .................. $0.15 ea.

HOOK-UP INSTRUCTIONS
1. Mount the board with the hardware supplied.
2. Hook-up red wire to +6 to 12vdc and black wire to ground.
3. Cut audio path in receiver and hook-up HP-1A input wire (yellow) and output wire (violet) in series with that broken path. The discriminator, where the input to the tone decoder is hooked is usually a good spot. Receivers that incorporate factory tone have high-pass filters in them or on the tone deck. Hook-up should be where that filter would have been connected. Use shielded wire if hum is present in the audio after installation.

Price: $4.88 each $12.95 ea.

Communications Specialists
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