

# WHIRLWIND HOTBOX Rev3 (mid 2001)

## INPUT JACK

Connecting signal source to this jack switches on the battery power.

## LED

When input is plugged in with battery power, indicates sufficient battery power and that unit's power is switched on. Will always remain illuminated when phantom power is present.

## THRU

A "Y" connection or "loop through" from the input.

## INPUT SELECT SWITCH

3-position switch that controls the battery on/off function and applies 20dB attenuation to the input when required.

**BATT OFF:** Battery power is turned off. The HotBox will still operate with phantom power when the switch is in this position.

**BATT ON:** The HotBox will operate on either battery or phantom power. (Battery may remain connected when operating with phantom power.)

**PAD:** The HotBox will operate on either battery or phantom power and an additional 20dB of attenuation is applied to the input signal. Use this position for connecting to strong line level signals or to power amplifier outputs.

**(WARNING! In PAD mode, the HOTBOX does not supply the proper amplifier load required by most tube type amplifiers. Do not use a tube amplifier's speaker output alone with the HOTBOX. You must also have a speaker or appropriate dummy load connected to avoid possible damage to the amplifier. The case of the Hotbox is connected to PIN 1 of its XLR output (system ground). Avoid touching the case of the HotBox to the metal chassis of instrument amplifiers.**

## GND LIFT

Disconnects the ground between the input and the XLR output when set to the LIFT position to help eliminate hum. Ground remains connected when set to the GND position. Can be used when powered with either battery or phantom power.

## XLR OUTPUT

A male XLR, provides a balanced low impedance signal for connection to balanced, low-Z equipment (mixing console, workstation, etc.)

## CHANGING BATTERIES

Remove bottom cover screws and slide tray out. Clips can be plugged together if using only phantom power. **CAUTION: Use only the #8-32 by 1/4" screws provided. Using longer screws will short out the circuit board and void the warranty.**

## WARRANTY

This product is warranted to be free of defects in materials or workmanship to the original purchaser for a period of 2 years from the date of purchase. Should warranty service be required, return the unit postage paid along with the original sales receipt to:

Whirlwind Music Dist., Inc.  
99 Ling Road  
Rochester NY 14612

Whirlwind will, at its option, repair or replace the unit. This warranty does not cover damage resulting from abuse, unauthorized modifications or use of the product in unintended applications.

## SPECIFICATIONS:

	<u>BATT OFF/ON</u>	<u>PAD</u>
Maximum Input Level	+15dBm (battery) +20dBm (48V phantom)	+35dBm (battery) +40dBm (48V phantom)
Input Impedance	1M Ohms	11k Ohms

Gain Structure	-20dBm	-40dBm
Residual Noise	-115dBm	-115dBm
Frequency Response	+/- 3dB, 20Hz to 20kHz	+/- 3dB, 20Hz to 20kHz

T.H.D. + Noise	.002%	.002%
Output Impedance	150 Ohms	150 Ohms
Power Requirements	48v phantom power or two 9V alkaline type batteries	
Battery Life	Approximately 300 hours	
Current Draw	< 4.0mA DC	