

HOO DOO HAND

HARMONICA WIRELESS SYSTEM

By

HOHNER



OWNERS MANUAL

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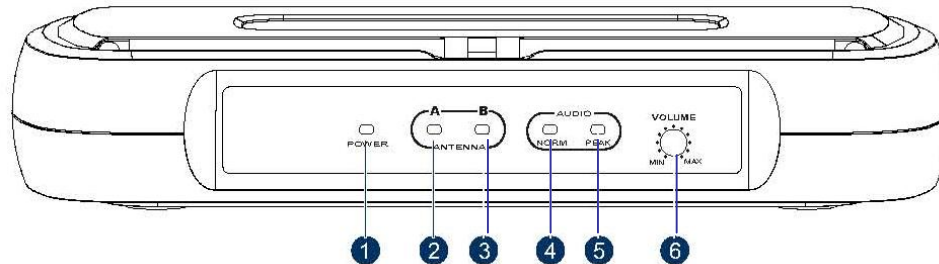
System Components

All Hoodoo Hand systems include:

- **HH1R** UHF Dual-Diversity Wireless Receiver
- HHT100 Wireless Belt-pack Transmitter
- HHD135-400 Class 2 Power Transformer (may vary by country)
- LAVHH1 Mini-Lavalier Microphone designed for Harmonica Use (T3 Connector)
- 2 Patented Hoodoo+Ring Clips for perfect Microphone placement
- 2 AA+Batteries
- 5 ft. ¼+to ¼+line cable (for connection to PA or Amplifier)

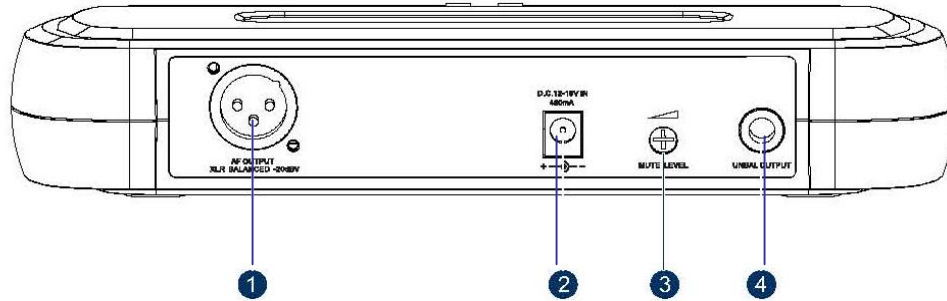
HH1R Wireless Receiver

Front Panel



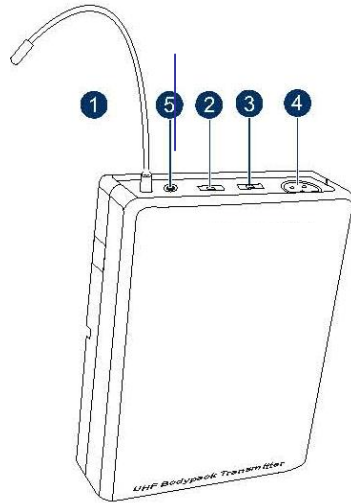
1. Power indicator
2. Channel **A**+Antenna LED Lamp . lights steadily when engaged
3. Channel **B**+Antenna LED Lamp
4. **NORM**+Audio Level Indicator . will light when level is nominal
5. **PEAK**+Audio Level Indicator . lights when input is overloaded
- If Lit, Adjust Sensitivity on HHT100 Transmitter
6. Output Level Control . Turn clockwise to increase volume

HH1R Wireless Receiver Rear Panel



1. XLR Balanced Output . connect to FOH PA system
2. AC Adaptor Jack (for use with included HHD135-400 power supply)
3. Mute Level
- This control is typically pre-adjusted from the factory; if you experience any interference, adjust clockwise until **NORM** audio level light goes out; back off slightly.
4. $\frac{1}{4}$ Unbalanced Output . for connection to FOH PA or Amplifier
(recommended use . connect to the Hohner Woodoo Box+Class A+Tube amp, designed specifically for harmonica!).

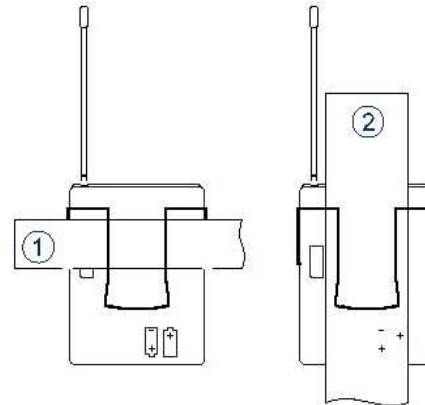
HHT100 Transmitter

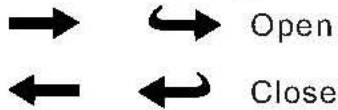
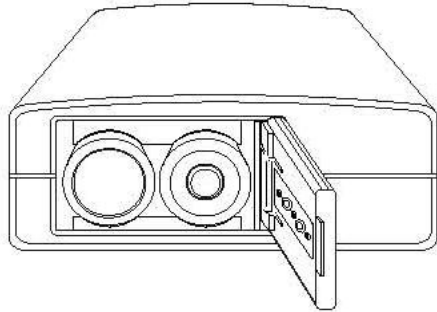


1. Antenna
2. Power Switch (ON/OFF/STANDBY)
3. Sensitivity Switch (Mic Level, 0dB, -10dB)
4. Input . T3 connector (for use with included LAVHH1 microphone)
5. Low Battery Indicator Light

Wearing the HHT100 Transmitter

Clip the transmitter to belt (1), or slide guitar/harp belt strap through the transmitter clip (2) as shown. For Best results, slide the transmitter until belt is pressed against the top of the clip.





Changing the Batteries

Expected life for two Alkaline batteries is approximately 8 hours. When the transmitter Battery indicator light glows red, the batteries should be changed immediately, as shown to the left.

TIPS FOR OPTIMUM PERFORMANCE

- **Maintain a line of sight between transmitter and antenna**
- **Avoid placing the receiver near metal surfaces or any digital equipment (Cd players, MP3 players, computers, etc.)**
- **Keep the receiver away from the wall and at least 3 ft. (1m) from the ground**
- **Cellular telephones and two-way radio can cause interference to the transmitting frequencies**

TROUBLESHOOTING

ISSUE	Indicator Status	Solution
No Sound or faint sound	Transmitter ON Indicator Stop flashing	Turn On Transmitter Verify that the +/- indicator on the battery match transmitter terminals
	Power Indicator Off	Verify AC adapter is securely plugged into Wall outlet and connector is plugged into DC input on rear panel
	Receiver NORM indicator glows	Turn receiver volume up Adjust sensitivity switch on transmitter
	NORM indicator OFF with transmitter ON	Check proximity of metal objects
	Transmitter low battery Indicator ON	Replace Batteries
Distortion or unwanted Noise Bursts	Receiver NORM indicator ON interference	Remove nearby sources of RF (MP3 players, cell phones, etc)
Distortion level increases	Transmitter low battery indicator ON	Replace batteries

SPECIFICATIONS:

LAVHH1 Mini Lavelier Microphone

- Element: Condenser
- Polar Pattern: Omni-Directional
- Sensitivity:-55 to +3 dB
- Output Impedance: 1.5KOhm +/- 30%
- SPL Max: 130dB
- Power Supply: 1.5V-10V DC
- Cable: 1.5mm X 1.2m
- Weight: 25g
- Mic Dimension: 6mm
- Fits into Patented Hoodoo+Ring Clip
400mA

HHT100 Transmitter

- Audio Level maximum: 0 dBV ~ +20 dBV
- Gain Adjustment Range: 30 dB
- Input Impedance: 5 KOhm
- Power Requirement: two AA Alkaline Batteries
- Average Battery Life: >8 hours (Alkaline)
- Dimensions: 85 X 65 X 23mm
3.35+H X 2.6+W X .9+D

HH1R Receiver

- Audio Output Maximum (1 kHz):
 - XLR: 200 ohm
 - ¼+Kohm
- XLR Out:
 - Pin 1 . Ground
 - Pin 2 . (+)
 - Pin 3- (-)
- Sensitivity: <-92dB
- Power Requirement: 12-18VDC 400mA (included)
- Dimensions: 235 X 118 X 44mm
9.25+H X 4.65+W X 1.75+D

HOHNER



Manufactured in China exclusively for **Hohner Inc.**

This Product is certified by the manufacturer to be **RoHS** compliant.

Due to ongoing product development, product specifications are subject to change without prior notice.

PN #HH1L1107.1US