

# HT2 CONDENSER HEADSET MICROPHONE

## OVERVIEW:

The HT2 is a professional pre-polarized headset condenser microphone for stage, presentation and broadcast applications. The HT2 is known for its excellent sonic characteristics, low profile, comfort and sound isolation from other instruments on stage. Designed for use with the Audix RAD360 wireless, the HT2 is also available in a wired version (Model HT2P).

Characterized with a uniformly controlled supercardioid polar pattern, the HT2 is designed to capture vocals from a comfortable distance of 2"-3" off axis. With a tailored frequency range of 50 Hz - 15 kHz, the HT2 will handle very high sound pressure levels of  $\geq 140$  dB without distortion.

The HT2 is easy to position, lightweight and manufactured with high standards and tight tolerances. Roadworthy construction includes a rubber coated metal frame, a high performance 5 mm capsule, black finish, laser etched model number and a 3' high quality cable terminating in a space saving mini-XLRf connector.

## SUPPLIED ACCESSORIES:

3' integrated mic cable with mini XLRf connector  
External foam windscreen (WSHT2)

## OPTIONAL ACCESSORIES:

APS911 - Battery operated phantom power adapter with on-off switch and bass roll-off

## MODEL VARIATIONS:

### For Wired Applications:

HT2P - Includes battery powered phantom power supply with on-off switch, bass roll-off and belt clip (APS911)



## FEATURES:

- Natural, accurate sound quality
- Highly sensitive
- Lightweight and comfortable
- Dual earpiece for added stability
- Flexible gooseneck for precise positioning
- Cable strain relief at back of frame for added security
- Durable construction

## APPLICATIONS:

- Vocals, lead and backing
- Speech
- Presentation



WSHT2



APS-911

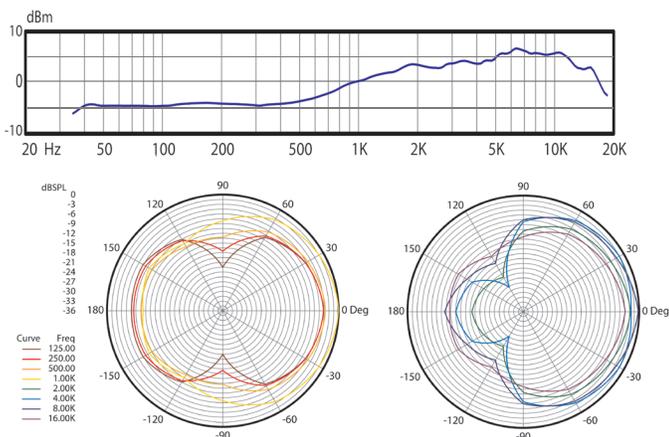


HT2 in use

**SPECIFICATIONS:**

<b>Transducer Type</b>	<b>Pre-Polarized Condenser</b>
<b>Frequency Response</b>	<b>50 Hz - 15 kHz</b>
<b>Polar Pattern</b>	<b>Supercardioid</b>
<b>Output Impedance</b>	<b>250 Ohms balanced</b>
<b>Sensitivity</b>	<b>4 mV / Pa @ 1k</b>
<b>Equivalent Noise Level</b>	<b>26 dB (A weighted)</b>
<b>Signal to Noise Ratio</b>	<b>68 dB</b>
<b>Maximum SPL</b>	<b>≥140 dB</b>
<b>Cable/Connector</b>	<b>Miniature 3 pin or 4 pin (HT54PIN) XLRf connector</b>
<b>Polarity</b>	<b>Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3</b>
<b>Housing/Finish</b>	<b>Flexible steel alloy / Black</b>
<b>Weight</b>	<b>68 g / 2.4 ounces</b>

**FREQUENCY / POLARS:**



\*\*\*All specifications subject to change without notice.

**SERVICE AND WARRANTY:**

This microphone is under warranty for a period of 3 years from any and all manufacturing defects. Should your microphone fail in any way, please contact the Audix Service department at 503-682-6933. A Return Authorization number is required before returning any products.

**CARE AND MAINTENANCE:**

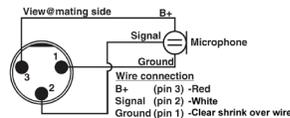
The HT2 is manufactured to exacting specs with roadworthy construction. However, the capsule is highly sensitive and should be handled with care. Avoid extreme temperatures and be sure to store your microphone in the pouch provided when not in use. Moisture of any kind can adversely affect the sound and performance of your microphone.

**ARCHITECTS AND ENGINEERS SPECIFICATIONS:**

The microphone shall be a back plate pre-polarized condenser with a supercardioid polar pattern. The microphone shall operate on 5-52 Volts biased from a wireless bodypack or phantom power and the nominal output impedance shall be equal to 250 ohms at 1 kHz. The microphone shall have a sensitivity of 5 mV / Pa at 1 kHz. The microphone shall have a maximum SPL level of ≥140 dB with a THD of 0.5%. The headset shall be made of rubber coated metal alloy with steel coiled gooseneck supporting the microphone element. The microphone shall be the Audix HT2.

**OPERATION AND MAINTENANCE:**

The HT2 is a low impedance microphone designed for use with the Audix RAD360 wireless bodypack. The HT2 may be used with other brands of wireless bodypacks, however, the connector and wiring will most likely have to be modified in order to match the specs of the system being used. (see wiring diagram of HT2)

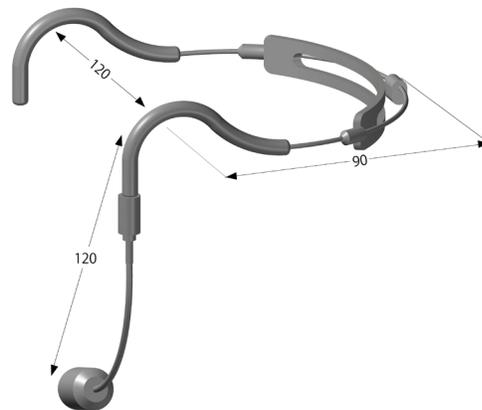


**HT2-P:** The wired version, HT2P should be plugged into one of the mic level inputs on your mixer, console, or recording device. The HT2P will NOT operate without phantom power voltage (9-48 Volts recommended) which is available on most professional mic preamps and mixing devices. If phantom power is not available on your equipment, you may use the APS911 phantom power supply which allows battery powered operation. Avoid plugging or unplugging the microphone from a PA system unless the channel is muted or the volume of the system is turned down. Failure to do so may result in a loud "popping" noise which could seriously damage the speakers in the PA system.

**USER TIPS:**

The HT2 is designed so that the headband is worn around the back of the head with the curved ear pieces resting around both ears. The dual ear system keeps the headset stable once it is in the desired position. The microphone is at the very end of the flexible boom and should be positioned on the user's left side of the cheek just off the corner of the mouth. The headset may be adjusted to fit by either loosening or tightening rubber strap that is attached in the middle of the headband. For optimum sound and performance, DO NOT put the microphone directly in front of the mouth as the pickup pattern of the mic is intended to pick up sound from off-axis. \*Further miking techniques may be found on our website at [www.audixusa.com](http://www.audixusa.com)

**DIMENSIONS (mm):**



[www.audixusa.com](http://www.audixusa.com)  
503-682-6933 Fax: 503-682-7114  
Audix Corporation 9400 SW Barber St. Wilsonville, OR 97070



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**AUDIX WARRANTY REGISTRATION FORM**

Name: \_\_\_\_\_ Model: \_\_\_\_\_  
 Company: \_\_\_\_\_ Serial Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Store: \_\_\_\_\_  
 City: \_\_\_\_\_ Store Location: \_\_\_\_\_  
 Prov./State: \_\_\_\_\_ Zip: \_\_\_\_\_ Purchase Date: \_\_\_\_\_  
 Phone: ( ) \_\_\_\_\_ Signature: \_\_\_\_\_  
 Email: \_\_\_\_\_ Date: \_\_\_\_\_

Please register your product online at [www.audixusa.com](http://www.audixusa.com) or mail this form to:  
Audix Microphones P.O. Box 4010 Wilsonville, OR 97070

Please Check all that apply:

Male  Female

Age:  18 or Under  19-25  26-35  36-45  46-55  55 +

Occupation:  Musician  Producer  Sound Eng.  Radio/TV  Production  Other \_\_\_\_\_

Primary Instruments:  Vocal  Guitar / Bass  Drums  Keyboard  Brass  Woodwinds  Strings  Other \_\_\_\_\_

Product to be used for:  Pro live sound  Pro recording  Home recording  Rehearsal  Installation  School  House of Worship  Other \_\_\_\_\_

How did you hear about Audix?  Magazine Ad  Online Ad  On-line Store  Friend  Salesman  Other \_\_\_\_\_

Do you own other Audix Products?  Yes  No  
 Model(s) \_\_\_\_\_  
 Have you visited the Audix website?  Yes  No