

# HAMMER SE

## User Guide

Document reference: HAMMER SE User Guide 25v9  
Distribution date: January 30, 2023  
© 2025 THOR AV. All rights reserved.

# THOR:

## THOR LIMITED WARRANTY

THOR AV products are warranted to the original purchaser to be free of defects in materials and workmanship from date of purchase as follows:

### **MICROPHONES**

MICROPHONES, CABLES, ACCESSORIES, ADAPTERS: 1 YEAR

During this period, THOR AV will, at its discretion, repair the defective unit or replace it with a new or rebuilt one. This warranty excludes:

- Abuse, misuse, shipping damage or accident
- Operation contrary to the instructions in the product instruction manual
- Wear and tear
- Events categorized as force majeure or any other sources beyond the control of the manufacturer
- Another device that is connected to the product
- Any modification, alteration, or repair made by any unauthorized party or without prior written consent
- General maintenance and servicing

All implied warranties, including warranties on merchantability and fitness, are limited in time to the length of this warranty. Some states do not allow time limitations on implied warranties, so this limitation may not apply to you. THOR AV's liability is limited to the repair or replacement of its product. THOR AV shall in no way be held liable for incidental or consequential damages resulting from the use of their product or its software, including, without limitation, damages from loss of business profits, business interruption, loss of business information or other pecuniary loss. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

### **REPAIR POLICY**

Please contact support to obtain an RMA number prior to returning your product to THOR AV. Do not return the product to the place of purchase. Write the RMA number on the outside of the shipping carton. Any product sent to us without a valid RMA number will be refused.

Shipping Address:      THOR AV  
Attn: RMA Number  
8821 Zealand Ave. N  
Brooklyn Park, MN 55445 USA

Include the following with the product: a brief description of the problem, your name, return shipping address, phone number and the RMA number. Do not include any accessories. THOR AV is not responsible for any damage to or loss of the product during transit. We recommend that customers obtain a receipt and tracking number for all packages shipped to us. Turnaround time on repairs is generally ten business days. If you live outside of the United States, please contact your local distributor for warranty service.

### **WARRANTY SERVICE**

You will be responsible for shipping charges to THOR AV and the product will be returned via non-express shipping by THOR AV. We reserve the right to inspect any product that may be the subject of any warranty claim before repair is carried out. Final determination of warranty coverage lies solely with THOR AV.

### **NON-WARRANTY SERVICE**

If it is determined that the product does not meet the terms of our warranty, you will be billed for labor, materials, return shipping and insurance. There is a \$100 USD minimum charge for materials and labor. Appropriate shipping charges will be applied. We require payment in advance of repair by credit card; we accept Visa and Master Card. In the event the charges are over the minimum charge, THOR AV will contact you and inform you of the cost of the repair before any work is completed.

# THOR:

## TABLE OF CONTENTS

### **WARRANTY**

<b>THOR LIMITED WARRANTY</b>	<b>II</b>
------------------------------	-----------

### **OVERVIEW**

<b>HAMMER SE MICROPHONE</b>	<b>4</b>
<b>SPECIFICATIONS</b>	<b>5</b>
Data	5
Colors	6
<b>ANATOMY</b>	<b>7</b>
Parts	7
Connectors	8
Dimensions	9

### **USING HAMMER SE MICROPHONE**

<b>BEST PRACTICES</b>	<b>10</b>
<b>PLACEMENT</b>	<b>10</b>
<b>HEADSET ADAPTER</b>	<b>10</b>
<b>CABLING</b>	<b>11</b>

### **APPENDIX**

<b>FAQS</b>	<b>12</b>
<b>CONTACT</b>	<b>13</b>

# THOR:

## HAMMER SE MICROPHONE

---



### HAMMER SE HEADSET MICROPHONE

The THOR Hammer SE (single ear) headset microphone is a high performance microphone that features omnidirectional condenser capsules. Carefully tuned for clear, articulation of both male and female voices, these headset microphones are perfect for houses of worship, presenters, theater and broadcast. The mic system features a lightweight, flexible boom, an optional wrap-around headband for dual-ear security, and a detachable, easy-to-replace cable.

- Omni-directional capsule
- Incredibly lightweight
- 3 color options to match skin tones
- Single-ear design with dual-ear adapter included
- Compatible with most wireless transmitter manufacturer's

Hammer SE-9 features a 90mm (3.5in) boom

Hammer SE-11 features a 115mm (4.5in) boom

# THOR:

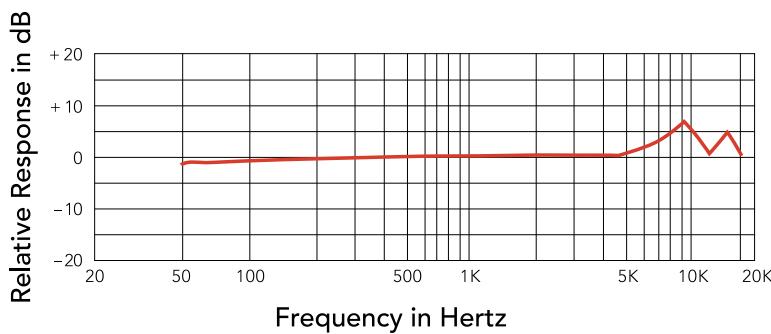
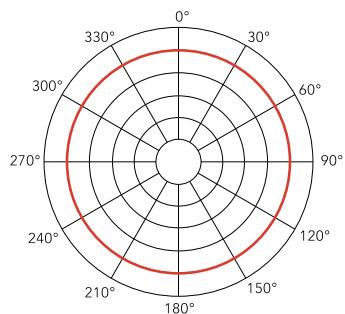
## DATA

---

Pattern:	Omnidirectional
Sensitivity, Typical, at 1 kHz:	-47 dB re 1 V/Pa (4.5 mV/Pa)
Frequency Response:	20 Hz – 20 kHz
Max SPL 1 kHz at <1% THD:	115 dB SPL Peak
Output Impedance:	1,000 Ω
Weight:	2 grams without cable
Style:	Single ear ambidextrous Dual ear adaptor - Left side
Boom Length:	90mm (SE-9) 115mm (SE-11)
Color:	Black, Brown, or Tan
Cable Thickness:	1.3 mm x 1.2 M / .05" x 47"
Capsule Housing:	4 mm x 8.75 mm (.16" x .34")
Boom Diameter:	1 mm

---

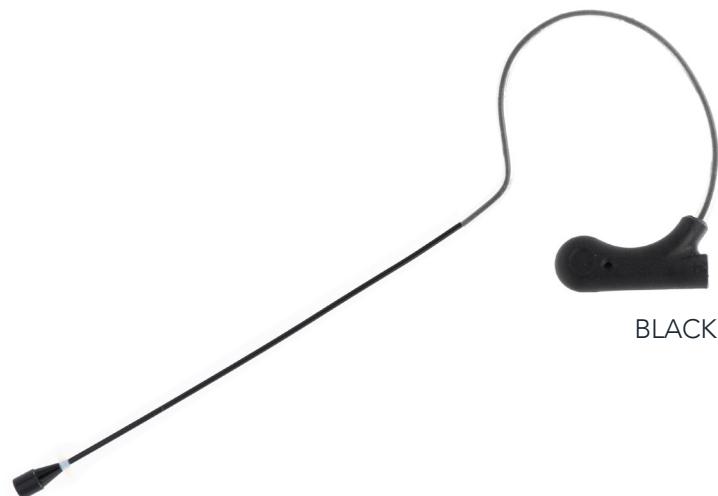
### OMNIDIRECTIONAL POLAR PATTERN



# THOR:

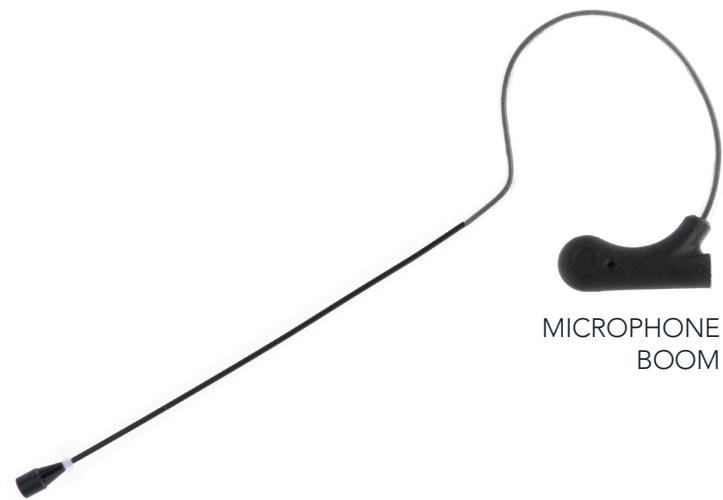
## COLORS

---



# THOR:

## PARTS



MICROPHONE  
BOOM



HEADSET  
ADAPTER



CABLE



CLIP



POP FILTER

# THOR:

## CONNECTORS

---

TA4F



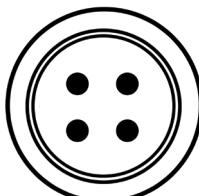
---

3.5MM



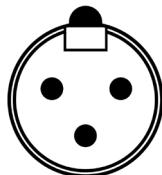
---

HIROSE



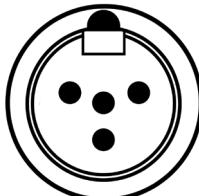
---

XLR3



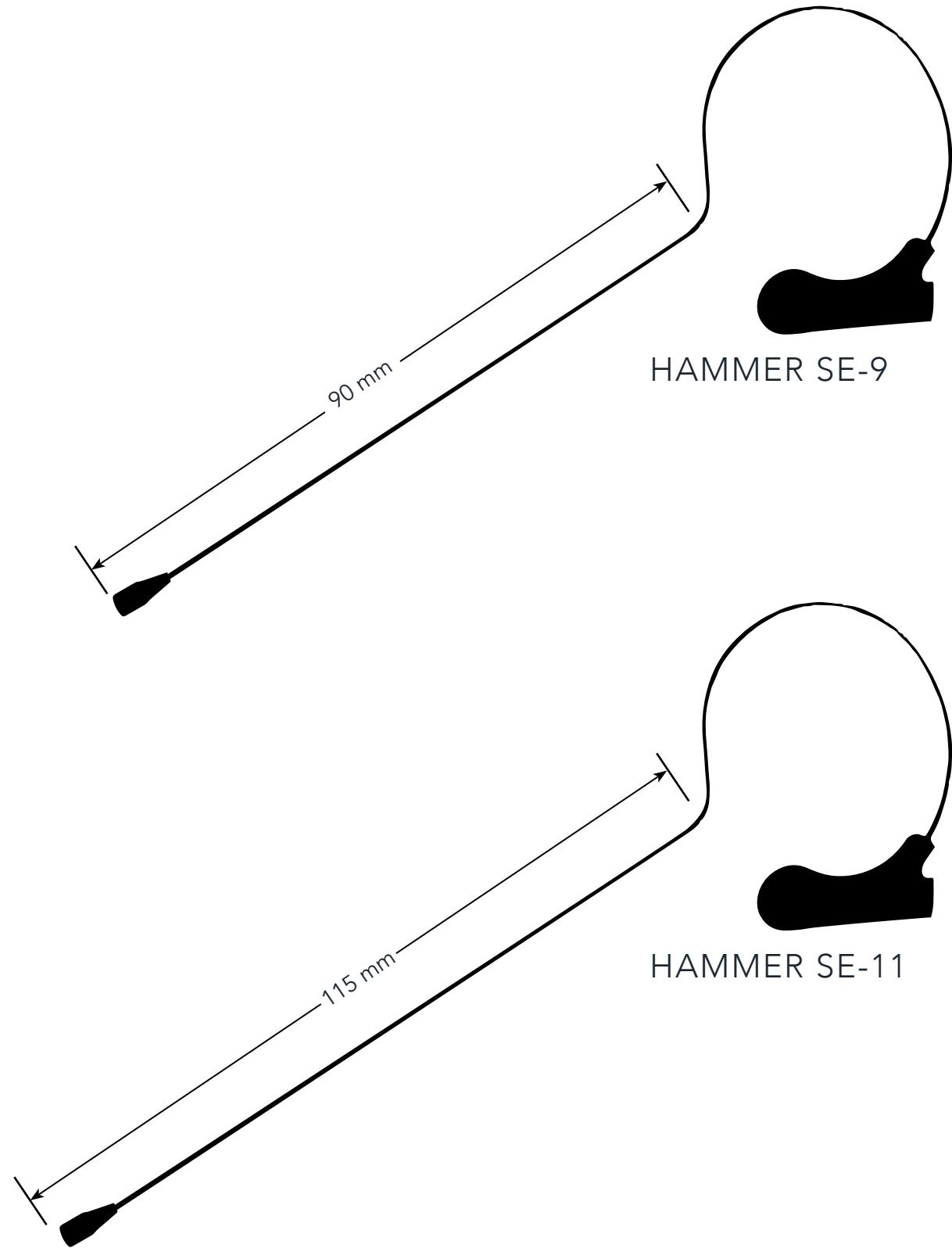
---

MIPRO



# THOR:

## DIMENSIONS



# THOR:

## BEST PRACTICES

### BEST PRACTICES FOR USING HEADWORN MICROPHONES

- Dedicate each microphone to a single user for consistent audio mixing performance.
- Choose the appropriate microphone boom length for the user.
- Instruct the user on proper placement with minimal microphone boom adjustments.
- Store each microphone in low-humidity environments.

## PLACEMENT

### MIC PLACEMENT

- Install the pop filter on the microphone boom. (Optional)
- Position the microphone and ear hook around the ear.
- Gently bend the boom to position the microphone capsule just below the corner of the mouth.
- To decrease pops and plosives, avoid placing the microphone directly in front of the mouth.



## HEADSET ADAPTER

### ATTACHING THE HEADSET ADAPTER

- Insert the front of microphone ear hook (bottom) from the back and gently move forward.
- Place the headset adaptor around the back of the head, with the boom on the left side.

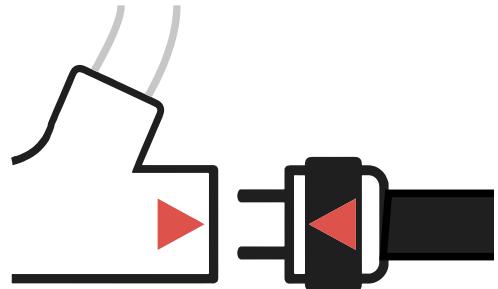


# THOR:

## CABLING

### REPLACING CABLE

- Grab the bottom of the ear hook and the cable connector.
- Firmly pull them straight out.
- To reconnect, align the arrows.
- Carefully and firmly insert connector into microphone ear hook.



# THOR:

## FAQS

---

What type of mics are the Hammer SE9 and SE11

Omnidirectional single ear headworn mics with high gain before feedback.

---

What is the difference between the Hammer SE9 and SE11

The only difference is the microphone boom length. The SE9 has a 90mm boom and is ideal for small to medium sized heads. The SE11 is for larger sized heads.

---

What type of mic connectors are available

TA4F, 3.5mm, XLR3, Hirose4, and MIPRO. Be sure to check with your manufacturer for connector type.

---

What colors are available

Black, Brown, & Tan

---

Is the dual-ear headset adaptor included with the purchase

Yes

---

What are some ways to optimize the performance of your mic

Adjust the gain accordingly on the microphone channel on your audio console. Position the mic capsule close to the user's face and directed just below the corner of the mouth to avoid plosives. Tweak the channel EQ as needed based on uniqueness of the room, how your audio system is EQ'd, and by using HPF and LPF. Dedicating one microphone for each user prolongs the performance life.

## SUPPORT **CONTACT**

(763) 999-4253  
[support@thorav.us](mailto:support@thorav.us)

### SUPPORT PROCESS

Please contact support to obtain an RMA number prior to returning your product to THOR AV. Do not return the product to the place of purchase. Write the RMA number on the outside of the shipping carton. Any product sent to us without a valid RMA number will be refused.

Shipping Address:  
**THOR AV**  
**Attn: [RMA#]**  
**8821 Zealand Ave. N**  
**Brooklyn Park, MN 55445 USA**

Include the following with the product: a brief description of the problem, your name, return shipping address, phone number and the RMA number. Do not include any accessories. THOR AV is not responsible for any damage to or loss of the product during transit. We recommend that customers obtain a receipt and tracking number for all packages shipped to us. Turnaround time on repairs is generally ten business days. If you live outside of the United States, please contact your local distributor for warranty service.

NOTE: For product repair, use only certified THOR technicians.

***Removal of the microphone capsule (enclosed in mic cap) or the cap, voids the product warranty.***

### **WARRANTY SERVICE**

You will be responsible for shipping charges to THOR AV and the product will be returned via non-express shipping by THOR AV. We reserve the right to inspect any product that may be the subject of any warranty claim before repair is carried out. Final determination of warranty coverage lies solely with THOR AV.

### **NON-WARRANTY SERVICE**

If it is determined that the product does not meet the terms of our warranty, you will be billed for labor, materials, return shipping and insurance. There is a \$100 USD minimum charge for materials and labor. Appropriate shipping charges will be applied. We require payment in advance of repair by credit card; we accept Visa and Master Card. In the event the charges are over the minimum charge, THOR AV will contact you and inform you of the cost of the repair before any work is completed.

**THOR AV**  
8821 Zealand Ave. N  
Brooklyn Park, MN  
55445 USA

**Phone**  
(763) 999-4253

**Email**  
[sales@thorav.us](mailto:sales@thorav.us)

**Website**  
[www.THORav.us](http://www.THORav.us)