

TOP SECRET

THIS IS THE A-BOX OPERATION MANUAL

ADVANCED INSTRUCTIONS ARE CONTAINED

**USING THE PRODUCT WITHOUT READING
THE INFORMATION CONTAINED IN ATTACHED
DOCUMENTS COULD LEAD TO DAMAGE**

RESPONSIBILITY OF PERSONS HANDLING THE OWNERS GUIDE

- 1. Exercise the necessary safeguards to prevent unauthorised disclosure by never leaving the documents unattended except when properly secured in a locked safe**
- 2. Transfer the documents only to persons who need to know and who possess the required security clearance.**
- 3. Obtain a receipt whenever relinquishing control of the documents**

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This cover sheet should be removed when documents are filed in a permanent file, declassified, destroyed, or mailed.

(This cover sheet is unclassified when separated from classified documents)

TOP SECRET

PREVIOUS EDITIONS OF THIS LABEL ARE OBSOLETE

WARNING

IMPORTANT SAFETY INFORMATION

- Read this instruction manual carefully and completely before using the product.
- Always include this instruction manual when passing the product to third parties.
- Do not operate an obviously defective product.

PREVENTING DAMAGE TO HEALTH AND ACCIDENTS

- Do not listen at high volume levels for long periods of time to prevent hearing damage.
- Keep the product, accessories and packaging parts out of reach of children and pets to prevent accidents and choking hazards.
- Do not use the product in an environment that requires your special attention (e.g. in traffic).
- Always keep the product dry and do not expose it to extreme temperatures (heater, extended exposure to sunlight, etc.) to avoid corrosion or damage to internal components.
- Only use attachments/accessories supplied or recommended by Thodio.
- Only use the product in environments where wireless Bluetooth® transmission is permitted.

SAFETY INSTRUCTIONS FOR RECHARGEABLE BATTERIES

In extreme cases, abuse or misuse of rechargeable batteries can lead to:

- ⇒ explosion,
- ⇒ fire development,
- ⇒ heat generation or
- ⇒ smoke or gas development.

How to handle batteries properly:

- ⇒ Dispose of products with built-in rechargeable batteries at special collection points or return them to Thodio.
- ⇒ Switch battery-powered products off after use.
- ⇒ Only charge rechargeable batteries at ambient temperatures between 10°C/50°F and 40°C/104°F.
- ⇒ When not using rechargeable batteries for extended periods of time, charge them regularly (about every 3 months).
- ⇒ Do not heat above 70 °C/ 158 °F, e.g. do not expose to sunlight or throw into a fire.



Congratulations on the purchase of this Thodio. We have put more than 18 years of passion, feedback, experience and craftsmanship into creating this product so it will provide you with premium quality, portable sound for many years to come.

INCLUDED:

- 1 x .50CAL A-BOX
- 1 x Automatic battery charger
- 1 x Power cord for the battery charger
- 1 x 3.5mm Minijack AUX cable

MANUAL CONTENTS:

- 1 Specifications
- 2 Powering on
- 3 Connecting the audio source to your A-BOX
- 4.1 Selecting the audio source input
 - ⇒ 4.2 Aux input
 - ⇒ 4.3 Guitar input (optional)
 - ⇒ 4.4 Bluetooth (optional)
 - ⇒ 4.5 WiFi (optional)
- 5 USB charge ports (optional)
- 6 Installing the battery pack
- 7 Charging the integrated battery
- 8 Tips for longevity
- 9 Troubleshooting
- 10 Warranty

1 SPECIFICATIONS

- ⇒ 4 inch custom Thodio K SX4 high power long throw coaxial Kevlar speakers with 3/4 inch Soft Dome tweeters and audiophile filter components.
- ⇒ Highly efficient 320 Watts Class D amplifiers capable of processing High Resolution audio.
- ⇒ Integrated HD Aptx/AAC Bluetooth receiver*.
- ⇒ Integrated High Res WiFi receiver*.
- ⇒ Minijack 3.5mm aux input.
- ⇒ Integrated rechargeable battery lasting up to 26, 52* or 78* hours per charge.
- ⇒ Dual USB QC 3.0 type-A and type-C charge ports*
- ⇒ Guitar input*.
- ⇒ External volume control with power switch.
- ⇒ The battery indicator light in the bass reflex port in the front of the A-BOX indicates the battery status with the colors white (battery between 100-66% full), orange (battery between 66-33% full) and red (battery between 33-0% full).
- ⇒ Dimensions 11.8 x 6.1 x 7.7 inches / 30 x 15.5 x 19.5cm L x W x H.
- ⇒ Weight 12.1 or 12.8 or 13.4 pounds / 5.5 or 5.8 or 6.1kilos depending on battery.
- ⇒ Including a fully automatic charger (comes with US, UK, Australian or EU plug (power cord can easily be exchanged with any standard IEC320 C7 power cord)) and works with all net voltages worldwide (110-240V AC) which can be used as a permanent power supply.
- ⇒ Including a 3.5mm minijack plug aux cable.
- ⇒ Including a 2 year warranty, we will make sure your unit functions like it should during this period.

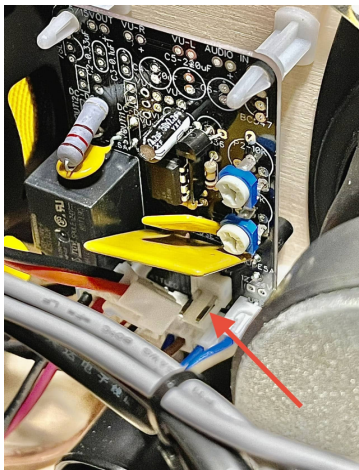
*Features marked with a * are optional features.*

2 INSTALLING THE BATTERY PACK

The battery is really easy to install in the following 6 steps.

1 Carefully open the latch on the right side of the A-BOX, the side with the on/off/volume knob and fully open up the lid until it supports itself. It may require some force to open the latch

2 Before placing the battery, plug in the battery cable first with the white plug (clip facing downwards) onto the white connector with 2 metal pins directly underneath the big yellow square component on the control board in between the speakers:



3 Cover the Velcro in the box with a piece of paper or plastic to avoid early contact with the Velcro on the battery. Carefully position the battery all the way down in the middle of the A-BOX with its cable pointing upwards and to the right, then pull out the separation paper and push the battery carefully against the velcro on the back panel until it is firmly in place.

4 Tuck the cable away down to the right between battery and the amplifier and underneath the other wiring.

5 Close the lid while carefully aligning the volume control knob to the hole in the latch to avoid damage or friction.

6 Now you are ready to rock!

If you have any questions, please contact us at thodio@gmail.com

3 POWERING ON

The knob located on the right side of the A-BOX in the middle of the latch, functions as the power switch and volume control. Turn it clockwise, the first click will power the A-BOX on, the rest of the rotation will regulate the volume upwards, always start with a low volume level when connecting your audio source.

4 CONNECTING THE AUDIO SOURCE TO YOUR A-BOX

4.1 SELECTING THE AUDIO SOURCE INPUT (with Guitar input and or WiFi only)

The source selector switch is located on the left side of the A-BOX in between/next to the antenna(s). The amount of settings is determined by the amount of options added to your A-BOX. If you have a full option A-BOX, the settings from left to right, clockwise will be as follows: 1 AUX input, 2 Guitar input, 3 Bluetooth, 4 WiFi in the order of the most simple input to the most advanced.

If you opted for WiFi only for example, there will be only 2 settings: 1 AUX input, 2 WiFi.

4.2 AUX INPUT

Make sure your A-BOX is switched off, then plug in the provided minijack cable or a similar high quality audio cable into the AUX input bus located on the left of the A-BOX, slightly above the charge bus (do not insert the mini jack cable into the charge port). Then connect the audio source to the other end of the cable. Now start playing music on a low volume on the audio device and switch on your A-BOX, gradually increasing the volume until the desired level is reached. When disconnecting the audio source it is recommended to switch your A-BOX off until it is reconnected again.

4.3 GUITAR INPUT (optional)

Make sure your A-BOX is switched off and the Guitar input is selected with the source selector switch, then plug in your guitar cable into the guitar input port located on the left side of the A-BOX, slightly below the charge bus (do not insert the guitar cable into the charge bus). Then connect the guitar to the other end of the cable. Now make sure the volume on your guitar is set low and switch on your A-BOX, gradually increasing the volume until the desired level is reached. When disconnecting the guitar it is recommended to switch your A-BOX off until it is reconnected again or switched to another connected input source.

4.4 BLUETOOTH (optional)

Switch on your A-BOX, pause your music and put your Bluetooth audio source device in pairing mode, the name "Thodio" will appear in your device list, tap/click it to connect. Once connected, turn the volume on your device down before you start playing music and then gradually turn up the volume until the desired level is reached. Once paired and when switching on, the A-BOX will connect automatically to any nearby paired device with Bluetooth switched on.

4.5 WiFi (optional)

Step 1 Download the WiFi app but do not open it yet:

IOS:

<https://apps.apple.com/us/app/wiim-home/id1573883295>

Android:

<https://play.google.com/store/apps/details?id=com.linkplay.wiimhome>

Step 2 Turn on the A-BOX and wait for 20 seconds until you hear the chime indicating the WiFi on your A-BOX is ready.

Step 3 Before opening the app, connect to your speaker like you would connect to a WiFi network, look for the name Wireless Speakers_XXXX or similar in your WiFi network device and select it.

Step 4 Now you can open the app and follow the instructions.

Step 5 After connecting the speaker to your network tap skip and done and your speaker is ready for use.

It is also possible to connect to your iBox's WiFi directly without a wifi network available, outdoors for example. Go to your smartphone/tablet's wifi settings and look for the WiFi module's name in the list and select it, then choose it as an output source on your smartphone/tablet to play audio.

5 USB CHARGE PORTS (optional)

The optional USB charge bus can be used to recharge/power 2 USB powered devices like smartphones and tablets up to 3.1A while the A-BOX is powered on. It is recommended not to use the USB port and minijack input connected to 1 device at the same time.

New for the 2024 model:

In between the USB charge ports there is a red LED display voltmeter/battery gauge indicating the current battery voltage between +/- 20.0 and 29.4 volts. You can consider the last 2 digits as the battery charge level percentage for example: 28.7 = 87% charge left.

6 CHARGING THE INTEGRATED BATTERY

Your A-BOX has an integrated Li-Ion battery pack with 26, 52 or 78 hour play time per charge at medium volume. It takes about 4, 8 or 12 hours to recharge the pack fully depending on the battery pack installed.

The battery indicator light in the bass reflex port in the front of the A-BOX indicates the battery status with the colors white (battery between 100-66% full), orange (battery between 66-33% full) and red (battery between 33-0% full).

The unit will shut down automatically when the battery is empty, recharge to power the unit back on again.

The light might blink when it is on the tipping point between white and orange or orange and red, this usually happens when playing music because of the voltage fluctuations.

Charging can be started at any time, there is no need to drain the battery completely.

To recharge the battery, plug in the provided charger into a power outlet (110-240V AC) and connect the charger to the charge port on the left side of the A-BOX, directly above the USB charge ports.

The battery will begin to charge immediately and the light on the charger will turn from green to red until the unit is charged and then changes back to a green light.

The charger will stop charging automatically once the battery is charged.

The A-BOX can be used while charging and the charger can function as a permanent power supply when left connected to the A-BOX.

7 TIPS FOR LONGEVITY

Opening/closing your A-BOX. When you open your A-BOX, please make sure the unit is switched off and disconnected from the charger and do not insert any (metal) objects into the A-BOX. When closing the A-BOX lid, align the hole in the latch with the power/volume knob before closing it fully to avoid damaging the power/volume knob.

Speakers/components: Please keep the volume below any audible distortion to ensure the longest life of the audio components.

Battery: To get the longest life out of your battery use it regularly, keep the electrons flowing by using the battery. Disconnect the charger after charging is finished, when the led on the charger switches from red to green. When storing the unit longer than 2 weeks make sure it is charged about 50%.

8 TRAVELING WITH THE A-BOX

In case you would like to travel with the A-BOX and take it on any public transportation/airplane, we recommend that you cover or remove the explosives sticker from the back of the A-BOX. New stickers are available through Thodio. Using/traveling the A-BOX with the sticker applied is at your own risk.

9 TROUBLESHOOTING

Bluetooth: If the Bluetooth connection is not functioning/connecting/pairing, please make sure the device you are trying to connect is within 3 feet of the A-BOX and turn off the A-BOX for 10 seconds, then turn the A-BOX back on again. Also make sure to empty the list of Bluetooth devices in the device you are trying to connect and that there is no other device already connected to your A-BOX. Then try to reconnect. If there is still no connection possible, please contact us at thodio@gmail.com

Wifi: If the WiFi connection is not functioning/connecting please make sure the unit is fully charged.

When moving from one network to another, in some cases the WPS button on the WIFI module needs to be pushed and held for 8 seconds, after this leave the unit cycle to the reset for 2 minutes, after a reboot the unit can be installed and connected again with the app as instructed in chapter 3.5.

If there is still no connection possible, please contact us at thodio@gmail.com

10 WARRANTY

The Thodio A-BOX comes with a 2 year warranty and we will make sure that your unit functions like it should during this period. In case of any defect or improper functioning of the A-BOX, please contact us at thodio@gmail.com