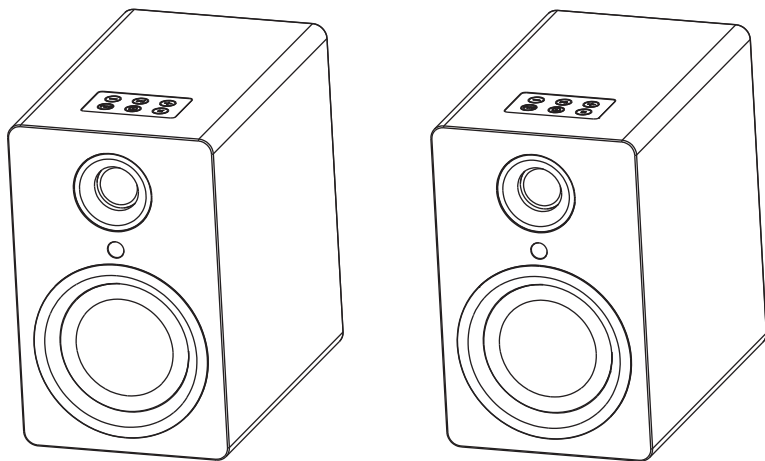


Bluetooth Hi-Fi Stereo True Wireless Speaker Set

AB-T50PB/AB-T50PW/AB-T50BMS/AB-T50BMG

AB-T50BOK/AB-T50WOK/AB-T50BWAT

AB-T50RWAT/AB-T50RWMP/AB-T50RMP/AB-T50CY



User Guide

Dear Valued Customer

Thank you for deciding to purchase this Mitchell Acoustics product. This instruction manual will give you a general idea of how this device operates, as well as providing you with information on safety procedures and cleaning. In order to maintain this product in good condition, and to ensure its safe operation, please take a few minutes to read and carefully follow all the safety and operating instructions found in this manual.

Please retain this instruction manual for future reference and pass it along with the device if handed over to a third party. Should you have any additional questions regarding the operation or installation of this device, or should any problems arise from its use, then please contact a specialized dealer or our service team for further information.

We assume no liability for any damage incurred as a result of improper use resulting from failure to comply with the safety instructions found in this manual. Under such circumstances all claims under warranty will become null & void. We assume no liability for any consequential damage!

This product is EMV-certified and complies with all European and National guideline requirements. A declaration of CE conformity has been established for this product. Certification has been documented and entrusted to the manufacturer

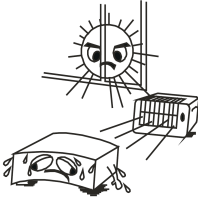

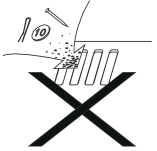
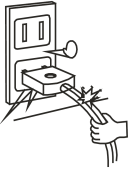
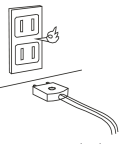
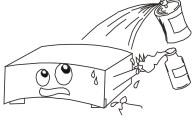


CE



1. Intended Use

This device is an integrated active speaker designed to have various hi-fi components or Bluetooth devices connected to its inputs.

Please adhere to all of the safety information and instructions found in this instruction manual.

 <ul style="list-style-type: none"> ● Avoid high temperatures Allow for sufficient heat dispersion when installed on a rack. 	 <ul style="list-style-type: none"> ● Keep the set free from moisture, water, and dust. 	 <ul style="list-style-type: none"> ● Do not let foreign objects in the set.
 <ul style="list-style-type: none"> ● Handle the power cord carefully. Hold the plug when unplugging the cord. 	 <ul style="list-style-type: none"> ● Unplug the power cord when not using the set for long periods of time 	 <ul style="list-style-type: none"> ● Do not let insecticides, benzene, and thinner come in contact with the set.
	 <p>*(For sets with ventilation holes)</p> <ul style="list-style-type: none"> ● Do not obstruct the ventilation holes 	 <ul style="list-style-type: none"> ● Never disassemble or modify the set in any way.

Explanation of symbols



An exclamation mark is intended to inform the user of important information, operation or maintenance instructions, or that special attention is required.



This symbol is intended to alert you to the presence of unprotected live parts or components found within the product's enclosure, or of dangerous connections that upon contact may be of sufficient magnitude to constitute a risk of electric shock. Cables intended for such connections should only be connected by qualified personnel or you should only use ready-to-connect cables. There are no user-serviceable parts found inside the device, therefore the device need never be opened.

2. Safety Information

The following safety and hazard warnings are not only for the protection of your device, but also serve as a protection against potential health hazards. Please take time to read the following instructions carefully.



We assume no liability for personal or property damage resulting from the failure to comply with the safety instructions, or from improper operation or handling. Under such circumstances, all claims under warranty will become void

- For safety and licensing (CE) reasons any unauthorized modification and/or changes to the device is prohibited and will void the warranty and all warranty claims.
- Any persons operating, installing, setting up, or servicing this device must be trained and qualified accordingly, and observe these operating instructions.
- Ensure that the device has been set up correctly by following all the instructions found in the instruction manual



- This is a protection class II device. Make sure that the voltage supply of the power outlet used meets the required voltage specifications 230V/~50 Hz.



- Power supply cables should be routed so that they are not likely to be walked on, squashed or pinched by items placed upon or against them. Pay particular attention to cords at plugs, power outlets, and at the point at which they exit from the device. Avoid exposing the cable to extreme heat or cold. Ignoring the above mentioned instructions could result in cable damage and present the danger of an electric shock.



- Should any obvious damage be seen on the device or on the connection cables, do not contact them in any way. Switch of the corresponding circuit breaker in the power distribution panel first, before carefully unplugging the power plug from the wall outlet. Do not operate the device further! Please contact or take it to a qualified service technician or specialty workshop.
- In order to completely cut off the power supply to the device, unplug the power plug from the wall outlet. Merely turning the device off with the ON/OFF button is not sufficient. Also make sure that power outlets are easily accessible.
- Always pull on the plug's grips and never on the cable to remove it from a wall outlet. Unplug the device from the power outlet if not in use for a longer period of time.
- For safety reasons, always unplug the device from the power outlet during thunder storms.
- Eliminate potential tripping hazards by routing cables in such a way that no one can trip or stumble over them.
- Never use the device, if the power cable or device is damaged.

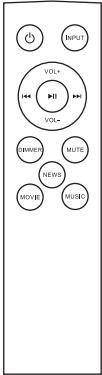
- Keep packaging and protective foil away from children at all times to avoid the danger of suffocation.
- The device should never come into contact with water or moisture.
- To prevent the risk of fire or electric shock make sure that liquids, such as dripping or splashing water, rain or moisture, do not come in contact with the device and power supply plug
- Operate this device in a moderate climate and never expose it to extreme temperatures, such as high humidity.
- Condensation can build up suddenly if the device is brought from a colder area into a warmer area (e.g. when transporting). Should this happen, allow the device to warm up to room temperature first before using.
- Care should be taken so that liquids do not come in contact with the interior, this is why containers containing liquids, e.g. buckets, vases or plants should never be placed anywhere near this product, including the power supply plug. This could not only damage the device, but also present a fire hazard.
- It is imperative to avoid contact with moisture e.g. never operate in the bathroom.
- Make sure the device is properly ventilated during operation and never operate it in constricted areas, such as for example in a bookcase or shelf. Never block ventilation openings with magazines, tablecloths, curtains or similar.
- Make sure the device is placed on a firm and stable surface.
- Never place any sources of fire on top of or near the device and power supply plug (e.g. lighted candle).
- Please note that excessive sound pressure created when listening to loud volume levels with earphones or headphones can lead to permanent hearing damage.
- Please adhere to the additional safety information found in the individual chapters of this instruction manual.
- When connecting other devices, please refer to the safety and operating instructions found in the literature accompanying the device.
- Please contact our technical hotline or a service technician for further information, should you be in doubt about device operation, safety or when making connections, or if any questions arise that are not explained within this manual.
- Contribute to a better environment by using a designated recycling site for the disposal of packaging material.



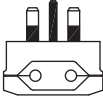
3. Accessories

The following accessories are supplied with the product. Please check all these parts are present before proceeding. Please inform your dealer if any part is missing or damaged.

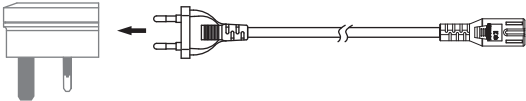
1 x Remote control handset



2 x LVD Switch Plug



2 x UK cable



2 x UL cable



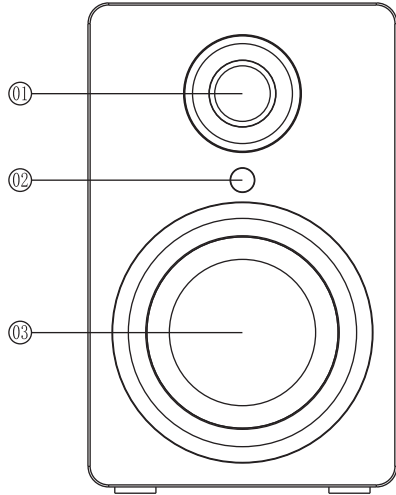
2 x Adaptor



4. Description of Parts

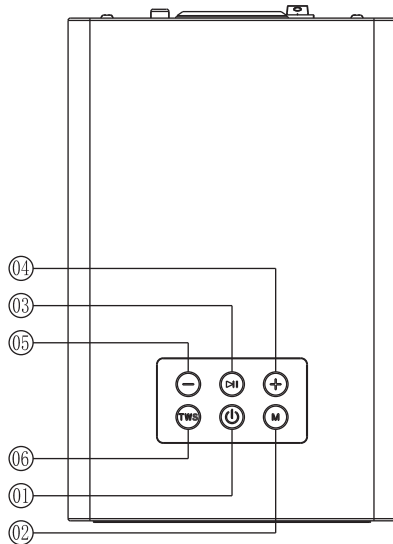
Front

- 1. Treble Speaker
- 2. Remote Control Receiver
- 3. Bass Speaker



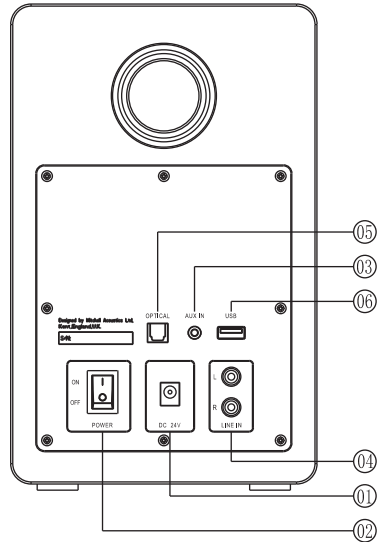
Top Panel

- 1. **Power button:** press and hold for 2 seconds to turn on, press and hold for 5 seconds to turn off.
- 2. **Mode Button:** Press and hold for 2 seconds for option list, in a sequence of function is BT / AUX / LINE / OPTICAL.
- 3. **Play/Pause button:** Press and hold to play the track, then press and hold to pause the track.
- 4. **Volume+ / Next Button:** Long press to access the next track in the playlist. Short press to increase the volume.
- 5. **Volume- / Previous Button:** Long press to access the last track in the playlist. Short press to lower the volume.
- 6. **TWS button:** Short press either one to connect the speakers, the unit will be automatically on TWS mode. (The units will automatically attempt to connect via TWS when powered on so use of this button is only necessary if pairing ever fails due to repositioning the speakers)



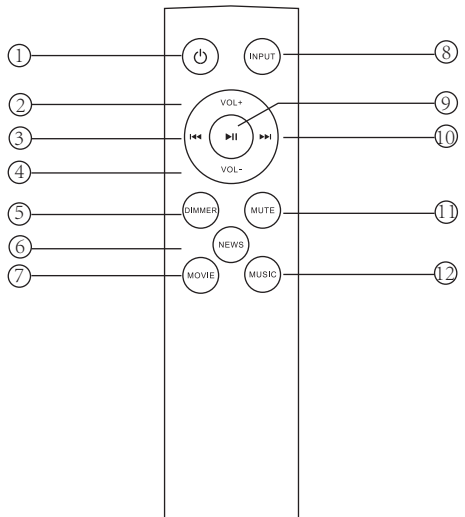
Rear Panel

1. DC in 24V 3A. Insert the round connector at the end of the AC adaptor cable.
2. Power On/Off switch
3. AUX IN 3.5mm stereo jack socket
4. RCA Left and Right stereo line input
5. OPTICAL IN for TOSLINK optical input (OPTICAL CABLE NON INCLUDE)
6. USB input for USB music source



Remote Control Handset

1. **Power On** from standby mode
2. **Volume Up**
3. **Previous Track**
4. **Volume Down**
5. **Dimmer Control**
6. **EQ – News**
7. **EQ – Movie**
8. **INPUT – BT/AUX/LINE/OPTICAL**
9. **PLAY/PAUSE**
10. **Next Track**
11. **MUTE**
12. **EQ - Music**



Dear Customer!



Note:
Do not throw batteries and rechargeable batteries into household waste!

Consumers are legally obligated to return used and rechargeable batteries, whether they contain harmful substances* or not, to designated recycling areas, disposal sites, or stores where batteries/rechargeable batteries can be bought. By doing so, you are fulfilling all legal battery recycling and disposal obligations and are contributing to a better environment. Make sure batteries are completely discharged before disposing!

*) marked with Cd = cadmium Hg= mercuric Pb= lead

Inserting/changing batteries

Remove the battery compartment cover carefully.

Remove the used battery.

Insert a new CR2025 lithium battery, observing the correct polarity as displayed inside the remote.

Push in the cover until it clicks.

Information on handling batteries and rechargeable batteries

Please adhere to the following information when handling batteries and rechargeable batteries.



- Keep batteries out of children's reach.
- Batteries are hazardous and do not belong in household waste.
- Ensure correct polarity when inserting batteries.
- Always remove batteries when the remote control is not in use for long periods of time.
- Never leave batteries lying around unsupervised. If swallowed these could pose a choking hazard to children and pets. Seek emergency medical care immediately, should this happen.
- Never expose batteries to extreme temperatures, such as sunlight, fire, ovens, etc. there is a risk of explosion!
- Make sure that batteries are not dismantled, short-circuited or are thrown into fire. Never re-charge non-rechargeable batteries. There is a risk of explosion!

- Always follow the manufacturer's instructions when recharging rechargeable batteries.
- Touching leaking or damaged batteries could cause skin burns. Use protective gloves suitable for handling such batteries.
- Always ensure that the device has been turned off after use.
- Always change/replace all batteries at the same time.
- If required clean battery and device contacts before inserting.

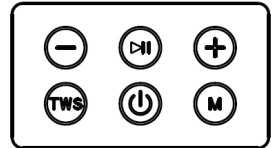
5. Initial Set Up

Power Connection

1. Use the supplied AC power cable and connect the supplied AC adaptor.
2. Connect the power adaptor cable to the back of each device.
3. Connect the AC power cable to the mains supply.
4. Switch the power on via the on/off switch on the rear of each speaker.

Initial Power On

1. Power on each speaker by pressing  on the top panel.



TWS (True Wireless Stereo) Connection

1. Make sure that the speakers do not have an active Bluetooth connection with a device.
2. Press the "TWS" button on one of the speakers to initiate the automatic pairing mode between the two units. There is an audible tone to confirm TWS pairing.

NB: The speaker on which you pressed the TWS button becomes the 'master' and the other speaker will become the 'slave'. In TWS mode, only the 'master' speaker supports AUX / LINE IN / OPTICAL connections. USB connection is not supported in TWS mode so sound will only come from the speaker into which the USB device is connected.

It is not necessary to complete the TWS steps above for each use. Once completed during initial setup, the speakers will automatically connect to each other.

Bluetooth Connection

3. On your device's Bluetooth menu, look for 'uStream One' and select it to connect.
4. You will hear a voice confirmation from the speaker to confirm connection.
5. You can now enjoy music from your device via any of your music apps.

Connecting Other Devices.

You may wish to connect other devices to the uStream One such as an external music player or a turntable. There are 3 external auxiliary connections that can be used, but remember, they must be connected to the 'master' speaker in order to hear stereo sound from both speakers simultaneously.

The possible connections are:

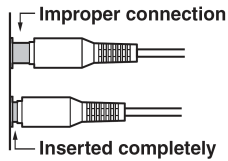
1. RCA left and right
2. 3.5mm stereo line in jack
3. Optical TOSLINK

Connection of Analog RCA Audio Cables

Pay attention to the plug colours and the left and right channels when connecting RCA audio cables.



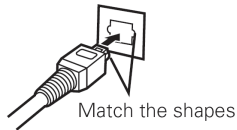
Ensure a good connection by making sure to insert plugs completely. Failure to insert fully can cause noise or malfunctions.



To prevent unwanted interference, keep audio cables as far apart from power cables as possible.

Correct Connection of Optical TOSLINK Cables

Be careful to match the shapes correctly on the optical cables.



6. Troubleshooting

PROBLEM	POSSIBLE SOLUTION
No power when switched on	<ul style="list-style-type: none">- Wall socket not switched on or faulty- Plug not fully inserted into wall socket- Fuse in plug may have blown.- Internal mains fuse has blown inside the AC adaptor, this will need to be replaced by a qualified service technician
No sound	<ul style="list-style-type: none">- Power not turned on- Volume setting too low- No input audio equipment is connected or is faulty- Correct audio input source not selected on top panel
No sound in one channel	<ul style="list-style-type: none">- Audio source input cables connected incorrectly or damaged- TWS function not activated
Loud buzz or hum	<ul style="list-style-type: none">- Audio input cables damaged or not correctly connected
Remote control not working	<ul style="list-style-type: none">- Check if the batteries have been inserted correctly.- If batteries are flat, replace them with new ones.- Remove any objects found between the remote control and the remote sensor.- Make sure the distance between the remote control and the device does not exceed 8 m
Buttons do not function (on the unit and/or remote control)	<ul style="list-style-type: none">- Turn the unit off and then on again.- As an alternative, turn the unit off, unplug it from the power outlet and plug in again.



Any repairs other than those mentioned above are to be carried out solely by an authorised technician.

7. Specifications

Rated Output Power	50 watts per channel
THD (Total Harmonic Distortion)	< 0.1 % (1 kHz 1 W)
Frequency Response	20 Hz-20 kHz
Signal to Noise Ratio	>75dB
Digital Inputs	OPTICAL x 1
Analog Inputs	RCA L+R, 3.5mm stereo jack
Wireless Connection	Bluetooth V5.0 dual mode
Bluetooth Range	10 metres (33ft)
Speaker Drivers	Woofer (bass) driver 4" CLARiF Tweeter (treble) 1.5" driver CLARiF
Power Supply	DC 24V 3A, AC adaptor 110-240V, 50-60 Hz
Dimensions	(W x H x D) : 150 x 230 x 235 mm
Weight	3.3 kg each speaker

NOTE: Specifications and design are subject to possible modifications without notice



Important Notice

Please note that electrical and electronic devices must never be disposed of in regular household waste!

Consumers are legally obligated and responsible for the proper disposal of electronic devices by returning them to collection sites designated for the recycling of electrical and electronic equipment waste after the useful life of the device has come to an end. For more information concerning collection sites and correct disposal please contact your local authority or waste management company. The presence of the above symbol on a device, or its packaging or within the instruction manual indicates that the item must not be disposed of in normal unsorted municipal waste.

In doing so you are fulfilling all recycling and disposal obligations and are optimising and contributing to a better environment. These disposal regulations apply to batteries and rechargeable battery disposals as well. Most batteries contain hazardous chemicals which can contaminate the environment and human health if they are discarded in ordinary household waste. According to legislation batteries are to be returned to the place of purchase or disposed of at a designated recycling site

Manufacturer's Name: Cybo Global(ShenZhen)Limited
Address: Unit 2B,2/F,Building 27,Wisdomland Business Park, Nanshan District, Shenzhen, China.

Product name : Bluetooth True-wireless Speaker

Model number: AB-T50,AB-T50(uStream One), AB-T50PB, AB-T50PW, AB-T50BMS,AB-T50BMG, AB-T50BOK, AB-T50WOK, AB-T50BWAT, AB-T50RWAT, AB-T50RWMP, AB-T50RMP, AB-T50C, uStream One

Operating Temperature: -10° C to 40° C



This device in compliance with the essential requirements and other relevant provisions of Directive

2014/53/EU. All essential radio test suites have been carried out.

1. The product shall only be connected to a USB interface of version USB 2.0
2. Adapter shall be installed near the equipment and shall be easily accessible.
3. The plug considered as disconnect device of adapter.

BT:2402-2480MHz RF Max Power:-0.19dBm



This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance

could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

DECLARATION OF CONFORMITY

I hereby declare that the product

Bluetooth True-wireless Speaker

Model: AB-T50, AB-T50(uStream One), AB-T50PB, AB-T50PW, AB-T50BMS, AB-T50BMG, AB-T50BOK, AB-T50WOK, AB-T50BWAT, AB-T50RWAT, AB-T50RWMP, AB-T50RMP, AB-T50C, uStream One

(Name of product, type or model, batch or serial number)

System components:

BT Antenna

Type: PCB Antenna;

Gain: 0 dbi

Adapter

Model: GME72F-240300FDR

Input: 100-240V~50-60Hz 1.5A

Output: 24V---3A 72W

Hard Ware Version: REV1.0

Soft Ware Version: V1.0

satisfies all the technical regulations applicable to the product within the scope of Council Directives 2014/53/EU:

HEALTH & SAFETY (Art. 3(1)(a)):

EN 62479:2010

EN 62368-1:2014+A11:2017

Electromagna Compatibility Art.

ETSI EN 301 489-1 V2.2.3 (2019-11)

3.1(b):

(Draft) ETSI EN 301 489-17 V3.2.2 (2019-12)

EN 55032:2015

EN 55035:2017

EN61000-3-2:2014

EN61000-3-3:2013

Art. 3.2 Effective Use of Spectrum

ETSI EN 300 328 V2.2.2 (2019-07)

(Title(s) of regulations, standards, etc.)

All essential radio test suites have been carried out.

NOTIFIED BODY: MiCOM Labs Inc

– **Address:**

575 Boulder Court
Pleasanton
CA 94566, USA
Identification Number: 2280

MANUFACTURER or AUTHORISED REPRESENTATIVE:

– **Address:**

Cybo Global(ShenZhen)Limited
Unit 2B,2/F,Building 27,Wisdomland Business Park, Nanshan District,
Shenzhen, China.

This declaration is issued under the sole responsibility of the manufacturer and, if applicable, his authorised representative.

Point of contact: *Seven*

2020-06-12

Name (in block letter)	Seven Du
Title (in block letter)	Manager
Company Name	Cybo Global(ShenZhen)Limited
Address	Unit 2B,2/F,Building 27,Wisdomland Business Park, Nanshan District, Shenzhen, China.
Email	seven@cyboglobal.com
Tel	8622 1131 -836