



USER MANUAL

MANUAL DEL USUARIO

KARAOKE MICROPHONE

BAUHN®



After Sales Support • Servicio Posventa 864581

US

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Model/Modelo: BKM-20 12/2026

ORIGINAL INSTRUCTION MANUAL • MANUAL DEL USUARIO ORIGINAL

V01/0025

MADE IN CHINA • HECHO EN CHINA

IMPORTED & SOLD
EXCLUSIVELY BY
ALDI
IMPORTADO Y
EXCLUSIVA POR
BAUMIA, IL 60510



1 GENERAL INFORMATION



This user manual (hereinafter referred to as the “manual”) is part of the product and contains important information regarding startup and usage. Please read the manual carefully especially the safety section before using the product. Failure to follow the instructions in this manual may result in serious injury and/or damage to the product.

Keep this manual for future reference. If you pass the product on to a third party, make sure to include this manual. If you need a digital copy of the manual, please contact the service center. These instructions can also be downloaded online via the following link: <https://downloads.maginn.de/en/downloads/operation-manual/>

2 SAFETY

2.1 EXPLANATION OF SIGNAL WORDS

The following signal words are used in this manual, on the product, and/or on the packaging.



» This signal word indicates a hazardous situation which, if not avoided, will result in death or serious injury.



» This signal word indicates a hazardous situation which, if not avoided, could result in death or serious injury.



» This signal word indicates a hazardous situation which, if not avoided, may result in minor or moderate injury.



» This signal word also indicates a hazardous situation which, if not avoided, may result in property damage.



» This signal word is used to highlight helpful tips and best practices that are not related to personal injury.

2.2 EXPLANATION OF SYMBOLS

The following symbols are used in this manual, on the product, or on the packaging.



Read the manual carefully before you use the product.



Products marked with this symbol are operated with direct current (DC).



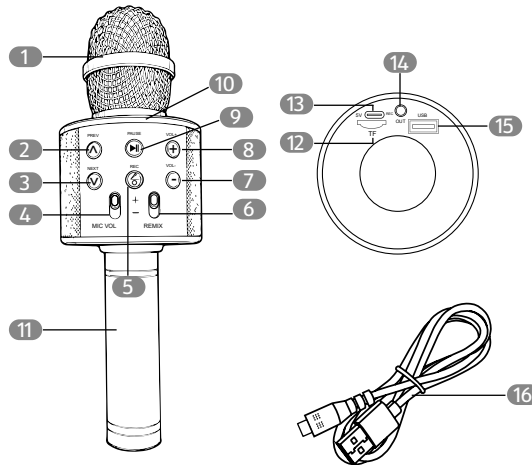
Use the product only in dry indoor environments.



Products marked with this symbol can cause hearing damage due to high sound pressure from extreme volume levels.

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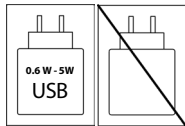
3 PRODUCT OVERVIEW



- 1 Microphone head
- 2 Previous button (PREV)
- 3 Next button (NEXT)
- 4 Mic volume slider (MIC VOL)
- 5 REC button
- 6 Remix slider (REMIX)
- 7 VOL+ button
- 8 VOL- button

- 9 Play/pause button
- 10 Power on/off button
- 11 Handle
- 12 TF card slot
- 13 Charging port
- 14 AUX jack
- 15 USB port
- 16 Type-C cable

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This symbol shows that a USB power adapter is not included in the scope of delivery. It also indicates power sources with an output power in the range of 0.6W - 5W are recommended for safe use with the device. Certain power adapters (presumably those outside the specified power range) are not permitted or should not be used with the device.

2.3 GENERAL SAFETY INSTRUCTIONS



» Improper use of the product may result in an increased risk of injury.

- Store the product and accessories in a place that is out of reach of children.
- This product can be used by children from the age of 8 and above, as well as by persons with reduced physical, sensory, or mental abilities or a lack of experience and knowledge, if they are supervised or have been instructed in the safe use of the product and understand the resulting dangers.
- Children should not play with the product.
- Cleaning and user maintenance should not be carried out by children unless they are 8 years of age or older and are under supervision.



» There is a risk of choking due to swallowing or inhaling small parts or films.

- Do not store any packaging materials used (bags, polystyrene pieces, etc.) within reach of children.
- Do not allow children to play with the packaging material.



» Faulty electrical installation, excessive mains voltage, or mishandling can cause electric shock.

- The product must not be immersed in water or other liquids. Never touch the product with wet hands.
- The product must not be exposed to dripping or splashing water. Do not place any objects filled with liquid on or near the product, such as vases.
- Plug in the product only when the mains voltage of the socket matches the specifications on the nameplate.
- Connect the product only to an easily accessible socket to quickly disconnect it if necessary.
- Do not use the product or the USB charging cable if they are damaged or defective.
- If the product is defective, it must be repaired by the manufacturer, the manufacturer's customer service, or a person with similar qualifications to avoid any risk.
- Opening the housing is prohibited, and repairs can only be carried out by a qualified professional. In such cases, contact a professional workshop. If repairs are carried out by the user, or if there is an inadequate connection or mishandling, any liability and warranty services are excluded.
- Repairs can only be performed using parts that match the original device specifications. This device contains electrical and mechanical parts essential for protection against hazardous sources.
- Never store the product in such a way that it could fall into a basin or sink. Never retrieve an electrical device if it has fallen into water.
- Never insert objects into the housing of the product.
- Always turn off the product and unplug it when not in use, when cleaning it, or if a malfunction occurs.



» Improper handling can lead to damage to your product and your health. Please follow these instructions carefully:

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4 BEFORE FIRST USE

4.1 CHECK PRODUCT AND CONTENTS



» Keep all packaging materials away from children and pets – these materials pose potential hazards, such as choking or swallowing small parts.



» Be careful when opening the packaging to avoid damaging the product. Do not use sharp objects.

1. Remove the product from the packaging.
2. Remove all packaging materials and any plastic or protective films.
3. Check that all items are included (see chapter **PRODUCT OVERVIEW**).
4. Inspect the product and its components for damage. If you notice any damage, do not use the product. Instead, contact the service center using the contact information provided on the cover page of this manual.

5 USE

5.1 CHARGING THE PRODUCT

1. Connect the charging cable **16** to the product and plug it into a power source.
2. The red indicator light will remain on to confirm the product is charging.
3. Once fully charged, the red indicator light will turn off.

5.2 POWER ON / OFF

1. Long press the power on/off button **10** to turn the product on.
2. The indicator light will turn on to confirm the product is powered on.
3. Long press the power on/off button **10** to turn the product off.
4. The indicator light will turn off to confirm the product is powered off.

5.3 BLUETOOTH CONNECTION

1. Turn on the product. A prompt sound will indicate the product is ready to pair.
2. The blue indicator light will flash to indicate the product is in pairing mode.
3. Activate Bluetooth on your device and select the „BKM-20“ from the list of available devices.
4. A prompt sound will confirm a successful connection and the blue indicator light will remain steady.



» The product will automatically reconnect to the last connected device when turned on.
» Keep the product within a reasonable range of the connected device to maintain a stable Bluetooth connection.

5.4 IF BLUETOOTH CONNECTION IS UNSUCCESSFUL

If you cannot connect your device to the product, try the following steps:

1. Make sure the product is turned on and in pairing mode.
2. Check your device's Bluetooth setting and ensure Bluetooth is enabled.
3. Delete the product from the list of paired devices on your smartphone or tablet. Then, search again and select the product to re-pair.
4. Move the device closer to the product and ensure there are no obstacles such as walls or metal objects between them.

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- Do not attempt to open or remove parts during operation.
- The product may only be operated with the supplied attachment. To avoid hazards, only operate after the attachment is properly attached!
- Clean the product as described in the „Cleaning“ chapter.
- Use the product only for its intended purpose and with the recommended accessories and components. Improper or incorrect use is dangerous.



» Danger of product damage due to improper placement/use.

- Do not place the product on the edge of a table; it could tip over and fall.
- Always place the product with the stand, if any, on heat-resistant, stable flat surface.
- If you notice any damage from transportation, contact the service immediately.



» Improper battery handling may cause leakage, explosion, or fire, leading to burns or toxic exposure.

- Keep batteries out of reach of children. In case of accidental injury, seek immediate medical attention.
- This product contains a built-in rechargeable battery, which is not replaceable. When the battery reaches the end of its life, dispose of the entire product properly in accordance with local regulations.
- Do not short-circuit, disassemble, or attempt to open the battery. This may cause overheating, fire, or explosion.
- Never expose the battery to fire or water.
- Do not expose batteries to mechanical stress.
- Avoid applying mechanical stress to the battery.
- Keep the product away from extreme temperatures and direct sunlight, such as near radiators or other heat sources.
- Leaking or damaged batteries can cause chemical burns. Use protective gloves when handling and avoid contact with skin, eyes, or mucous membranes.
- If battery acid contacts the skin or eyes, rinse immediately with plenty of clean water and seek medical attention.
- Stop using the product if the battery shows signs of leakage, swelling, or damage.
- Do not exceed the recommended charging time. Overcharging can lead to overheating and reduce battery lifespan.
- A battery subjected to extremely low air pressure that can result in an explosion or the leakage of flammable liquid or gas.



» Under the environment with electrostatic discharge (ESD), the product may malfunction and need user reset to recover.

2.4 INTENDED USE

The product is designed exclusively for personal entertainment purposes, including karaoke singing and music playback via Bluetooth or TF card. It is intended for private, non-commercial use only. Improper use may result in injury or damage to the product. The manufacturer and retailer accept no liability for any damage, loss, or injury caused by improper or incorrect use of the product.

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5. Disconnect other Bluetooth devices that may be connected to your phone or tablet.
6. Restart both the product and your device, then try pairing again.

5.5 MODE SWITCHING

Short press the power on/off button **10** to change between the following modes:

- Bluetooth Mode — Connect to your device via Bluetooth to play music.
- TF Card Mode — Insert a TF card with music files to play music directly from the product.
- USB Mode — Insert a flash drive containing MP3 files into the USB port **15** to play music directly from the product.



» TF Card Mode and USB Mode are only available when a TF card or flash drive is inserted.
» If an audio cable is connected to the AUX jack **14**, the audio will be output to the connected external speaker or audio device. You can still use the power on/off button **10** to change the audio source while AUX is connected.

5.6 MUSIC PLAYBACK CONTROLS

1. Short press the play/pause button **9** to play or pause the current track.
2. Press the previous button **2** to go to the previous song.
3. Press the next button **3** to go to the next song.
4. Press the VOL+ button **8** to increase the music volume.
5. Press the VOL- button **7** to decrease the music volume.



» Music playback controls are available in Bluetooth Mode, TF Card Mode, USB Mode and AUX Output Mode only.

5.7 MICROPHONE VOLUME ADJUSTMENT

1. Slide the MIC volume slider **4** up towards the + position to increase the microphone volume.
2. Slide the MIC volume slider **4** down towards the - position to decrease the microphone volume.

5.8 MAGIC SOUND EFFECTS

The product offers magic sound effects that change the tone and character of your voice while singing.

1. Long press the REC button **5** for 3 seconds to activate the magic sound effect.
2. Speak or sing into the microphone head **1** and your voice will be transformed into the selected sound effect.
3. Long press the REC button **5** for 3 seconds again to switch to the next magic sound effect.

5.9 REMIX EFFECT

The remix effect adds an echo to the microphone sound. Adjusting the slider will control the intensity of the effect.

1. Slide the remix slider **6** up to increase the echo effect.
2. Slide the remix slider **6** down to decrease the echo effect.

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5.10 TF CARD PLAYBACK, FLASH DRIVE AND AUX OUTPUT
5.10.1 TF CARD PLAYBACK
1. Insert a TF card containing music files into the TF card slot 12 .
2. The product will automatically begin playback.
3. Use the music playback controls to manage the songs.
5.10.2 FLASH DRIVE
1. Insert a flash drive containing MP3 files into the USB port 15 .
2. The product will automatically begin playback.
3. Use the music playback controls to manage the songs.
5.10.3 AUX OUTPUT
1. Connect an audio cable to the AUX jack 14 .
2. The audio will be output to the connected external speaker or audio device.

6 TROUBLESHOOTING		
PROBLEM	REASON	SOLUTION
The product does not turn on	- Battery is empty - Power button not held long enough	- Charge the product and try again - Long press the power button for 3 seconds
The product is not charging	- Charging cable is not properly connected - Faulty charging cable	- Check and reconnect the charging cable - Try using a different charging cable
No sound from the speaker	- Volume is set too low - The product is not connected to a device	- Increase the music or microphone volume - Ensure the product is properly connected via Bluetooth or TF card
Bluetooth connection unsuccessful	- Device is out of range - Too many paired devices	- Move the device closer to the product - Delete old paired devices and re-pair
Poor sound quality	- Microphone volume is too high - Device is too far from the product	- Reduce the microphone volume using the MIC slider - Move the device closer to the product

7 CLEANING AND MAINTENANCE
DANGER! RISK OF ELECTRIC SHOCK! » All maintenance work other than that mentioned in these instructions should be carried out by a professional repair center. Contact customer service for maintenance work.
WARNING! RISK OF ELECTRIC SHOCK OR SHORT CIRCUIT! » Never immerse the product in water or other liquids. Prevent water or other liquids from entering the housing.
CAUTION! RISK OF DAMAGE! » Do not use aggressive cleaning agents, brushes with metal or nylon bristles or sharp or metallic cleaning objects such as knives, hard spatulas and the like. These could damage the surfaces of the product.
7.1 CLEANING

- Switch off the product and disconnect all cables before cleaning.
- Clean the housing with a soft, slightly damp cloth.
- If necessary, use a mild detergent. Do not use solvents, abrasive cleaners, or alcohol-based agents, as these may damage the surface.
- Ensure that all parts are completely dry before using or storing the product again.
- Keep the USB ports and control buttons free of dirt and moisture.

7.2 STORAGE
CAUTION! RISK OF DAMAGE! » Avoid and protect the product from dust, water, moisture, frost, extreme temperatures, high humidity and direct sunlight.
- Before storage, clean all parts as described in the chapter CLEANING AND MAINTENANCE. - Dry the product completely before storage. - Always store the product in a cool, clean and dry place. - Store the product out of the reach of children and pets.

8 TECHNICAL DATA	
Bluetooth® Version:	V6.0
Bluetooth® Frequency:	2402-2480MHZ
Maximum Transmission:	-3dbm
Signal Range:	up to 10 meter
Playing time:	up to 3 hours (medium sound level)
Charging time:	approx. 1 - 2 hours
Battery:	3.7V DC, 1,200 mAhLi-Ion
Input:	5V DC, 1A
Charging Function:	TYPE-C
Operation Temperature:	10 - 45°C
Connections:	Bluetooth, USB, Aux-Out, TF card
Dimensions:	approx. 230 x 76 x 76 mm
External power source included:	No
Power source input range:	0.6 W - 5 W
Registered trademark:	
Manufacturer name:	Xinxiang Hongli Supply Source Technology Co.,Ltd.
Manufacturer postal address:	West Section of Xinglong Road, Xinxiang Economic Development Zone, Xinxiang County, Xinxiang City, Henan, P.R. China
Manufacturer website or email address:	470028873@qq.com / http://www.xxshldy.com/
Removable / Non-removable:	Non-removable
Hazardous substances present:	The battery contains substances classified as hazardous under EU chemicals legislation. These include lithium compounds and a flammable electrolyte system (e.g. lithium cobalt oxide and lithium hexafluorophosphate).
	Under normal conditions of use, the battery does not present a hazard. If damaged, punctured or improperly handled, the battery may release corrosive and irritating substances.
	The battery does not contain mercury (Hg), cadmium (Cd) or lead (Pb).
Usable extinguishing agent	In case of fire, use dry chemical extinguishers. Carbon dioxide (CO ₂) extinguishers are also suitable. Water may be used with caution, as burning particles may be ejected.
	The battery contains critical raw materials as defined under EU legislation, including lithium, cobalt and natural graphite, each present in concentrations exceeding 0.1 % (w/w).

Battery weight:	34 g
NOTE	» Design and technical data are subject to change without notice.
9 DISPOSAL INSTRUCTIONS	
9.1 DISPOSE OF PACKAGING	
Dispose of the packaging according to type. Put cardboard and carton in the waste paper bin and foil in the recycling bin.	
9.2 DISPOSE OF THE PRODUCT	
Old appliances may not be disposed of in the household trash! – Should the product no longer be capable of being used at some point in time, dispose of it in accordance with the regulations in force in your city or state. – Please ensure your recycling information conforms with the local regulations and EPA recommendations (www.epa.gov).	
9.3 FCC COMPLIANCE STATEMENT	
Identification of the product: Karaoke Microphone BKM-20. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. The device has been evaluated to meet FCC/IC RF exposure requirement. The device can be used in portable exposure condition without restriction.	FC
FCC responsible party: Aldi Inc., Batavia, IL 60510, USA / www.aldi.us	

NOTE! The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user 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.