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## WamGra BY28 P

# WamGra BY28 P Bluetooth Speaker Night Light Alarm Clock User Manual

Model: BY28 P

## 1. INTRODUCTION

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Thank you for purchasing the WamGra BY28 P Bluetooth Speaker Night Light Alarm Clock. This device combines a high-quality Bluetooth speaker, a versatile night light with touch control, a digital alarm clock, and an MP3 player, offering multiple functionalities in one compact unit. Please read this manual carefully to ensure proper use and optimal performance.



**Image 1.1:** The WamGra BY28 P Bluetooth Speaker Night Light Alarm Clock, showcasing its main design and available color variations.

## 2. PACKAGE CONTENTS

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Please check the package for the following items:

- WamGra BY28 P Bluetooth Speaker Night Light Alarm Clock x 1
- User Manual x 1

## 3. PRODUCT OVERVIEW

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Familiarize yourself with the various parts and controls of your device.

# High Quality Bluetooth Speaker

super clear sound without noise, enjoy your music flawlessly



bluetooth 4.0  
distance:up to 10M



## micro SD/USB stick/AUX-IN Supported



Image 3.1: Overview of the device's features, including the control panel, Bluetooth connectivity, hands-free call function, and various input ports.

## Control Panel (Top)

- **Touch Mesh Net:** Controls light modes and brightness.
- **Power Button:** Turns the device on/off, displays time when light is off.
- **Mode Button:** Switches between Bluetooth, MP3, AUX, and Clock modes.
- **Volume Up/Next Track Button:** Increases volume, skips to next track.
- **Volume Down/Previous Track Button:** Decreases volume, skips to previous track.
- **Play/Pause/Call Button:** Plays/pauses music, answers/ends calls.

## Rear Ports

- **Micro SD Card Slot:** For playing MP3 files from a micro SD card.
- **USB Host Port:** For playing MP3 files from a USB flash drive.
- **AUX-IN Port:** For connecting external audio devices via a 3.5mm audio cable.
- **USB DC 5V Charging Port:** For charging the device.
- **ON/OFF Switch:** Main power switch.

## 4. INITIAL SETUP

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### 4.1 Charging the Device

1. Before first use, fully charge the device.
2. Connect the provided USB charging cable to the USB DC 5V charging port on the back of the speaker.
3. Connect the other end of the cable to a USB power adapter (not included) or a computer USB port.
4. The charging indicator light will illuminate. A full charge takes approximately 6 hours.
5. Once fully charged, the indicator light will turn off or change color.

The built-in rechargeable battery provides approximately 8 hours of operation, depending on usage (volume, light brightness).

### 4.2 Power On/Off

- To power on, slide the ON/OFF switch on the back of the device to the 'ON' position. The display will light up.
- To power off, slide the ON/OFF switch to the 'OFF' position.

## 5. OPERATING MODES

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### 5.1 Bluetooth Speaker Mode

The device functions as a Bluetooth 4.0 speaker, allowing wireless audio streaming from compatible devices up to 10 meters (32.81 feet).

1. Ensure the device is powered on.
2. Press the **Mode** button until you hear a voice prompt indicating Bluetooth mode. The Bluetooth indicator will flash.
3. On your smartphone, tablet, or other Bluetooth-enabled device, enable Bluetooth and search for available devices.
4. Select "BY28 P" from the list to pair. Once paired, you will hear a confirmation sound, and the Bluetooth indicator will stop flashing.
5. You can now play audio from your connected device.

### Hands-Free Calling

- When a call comes in during Bluetooth mode, press the **Play/Pause/Call** button to answer.
- Press the **Play/Pause/Call** button again to end the call.
- Press and hold the **Play/Pause/Call** button to reject an incoming call.

### 5.2 Night Light Mode

The device features a touch-activated lamp with warm white and color-changing light options.

# Smart Multi-Color Touch Bedside Lamp

## Warm White Light Mode



Tap once  
dim



Tap twice  
soft



Tap three times  
brightest



## Colorful Lights Mode

48 colors cycle automatically. If you want a certain color, press and hold the touch net until the color appear, then release



Tap sixth  
music light  
mode

Tap fifth  
cycling light  
mode

Tap fourth  
breathing light  
mode

Image 5.1: Visual guide for controlling the warm white and colorful light modes using the touch mesh net.

### Warm White Light Mode

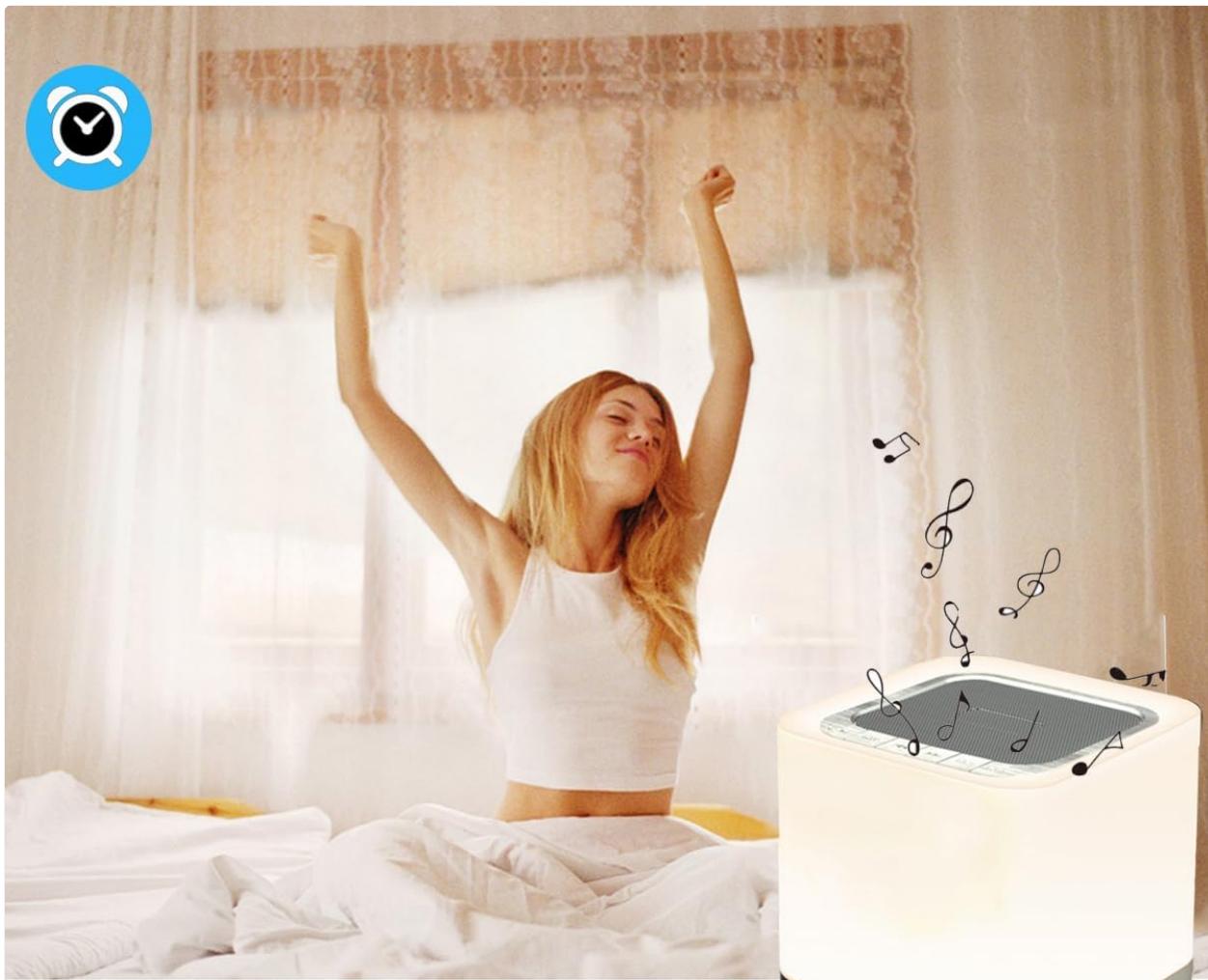
- Tap the top mesh net once to turn on the dim warm white light.
- Tap a second time for soft warm white light.
- Tap a third time for the brightest warm white light.
- Tap a fourth time to turn off the warm white light.

### Colorful Lights Mode (48 Colors)

- From any warm white light setting, press and hold the top mesh net until the light switches to the colorful mode.
- The colors will cycle automatically.
- To select a specific color, press and hold the touch net again when your desired color appears, then release. The light will stay on that color.
- To switch back to automatic color cycling, tap the mesh net.
- To turn off the colorful light, tap the mesh net until the light turns off.

### 5.3 Alarm Clock Mode

The device features a digital alarm clock with snooze function and the ability to set custom alarm sounds.



## Alarm Clock Mode

-You also can set other music as alarm sound  
From Micro SD card and USB disk.

**Image 5.2:** The alarm clock mode, highlighting the option to use custom MP3 songs as alarm sounds.

### Setting the Time

1. Press the **Mode** button until the clock display is active.
2. Press and hold the **Mode** button until the hour digits start flashing.
3. Use the **Volume Up/Next Track** and **Volume Down/Previous Track** buttons to adjust the hour.
4. Press the **Mode** button again to switch to minute adjustment. Adjust minutes using the volume buttons.
5. Press the **Mode** button a third time to confirm the time setting.

### Setting the Alarm

1. In clock display mode, press the **Alarm Clock** button (usually indicated by an alarm icon, or a long press of the Mode button after time setting).
2. The alarm hour digits will flash. Use the **Volume Up/Next Track** and **Volume Down/Previous Track** buttons to set the alarm hour.
3. Press the **Alarm Clock** button again to switch to minute adjustment. Adjust minutes using the volume buttons.
4. Press the **Alarm Clock** button a third time to confirm the alarm setting. The alarm icon will appear on the

display.

## Custom Alarm Sound (MP3)

- To use your favorite song as an alarm, save an MP3 file to a micro SD card or USB flash drive.
- Create a folder named "ALARM" on the root directory of your micro SD card or USB flash drive and place your desired MP3 file(s) inside.
- Insert the micro SD card or USB flash drive into the corresponding port on the device.
- The device will automatically use the MP3 file(s) in the "ALARM" folder as the alarm sound.

## Snooze Function

- When the alarm rings, tap the top mesh net once to activate the snooze function. The alarm will ring again after 5 minutes.
- To stop the alarm completely, quickly tap the top mesh net twice.

## 5.4 MP3 Player Mode

Play music directly from a micro SD card or USB flash drive.

1. Insert a micro SD card or USB flash drive containing MP3 files into the corresponding port.
2. Press the **Mode** button until you hear a voice prompt indicating MP3 mode (or card/USB mode).
3. The device will automatically start playing the MP3 files.
4. Use the **Volume Up/Next Track** and **Volume Down/Previous Track** buttons to navigate tracks.
5. Use the **Play/Pause** button to pause or resume playback.

## 5.5 AUX-IN Mode

Connect external audio devices using a 3.5mm audio cable.

1. Connect one end of a 3.5mm audio cable (not included) to the AUX-IN port on the back of the speaker.
2. Connect the other end to the audio output jack of your external device (e.g., MP3 player, laptop).
3. Press the **Mode** button until you hear a voice prompt indicating AUX mode.
4. Play audio from your external device. Volume can be controlled via both the speaker and the external device.

## 6. MAINTENANCE

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- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Keep the device away from water and excessive moisture. Although it has some water resistance, it is not fully waterproof.
- Avoid exposing the device to extreme temperatures or direct sunlight.
- If not used for a long period, charge the battery at least once every three months to prolong its lifespan.

## 7. TROUBLESHOOTING

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Problem	Possible Solution
Device does not power on.	Ensure the ON/OFF switch is in the 'ON' position. Check battery level and charge the device if necessary.

Problem	Possible Solution
No sound from speaker.	Check volume levels on both the speaker and the connected device. Ensure the correct mode (Bluetooth, MP3, AUX) is selected. For Bluetooth, ensure successful pairing.
Bluetooth pairing fails.	Ensure the speaker is in Bluetooth mode and discoverable. Turn off and on Bluetooth on your device. Move the speaker closer to your device.
Light does not respond to touch.	Ensure the device is powered on. Try tapping the mesh net firmly.
Alarm does not sound.	Verify the alarm time is set correctly and the alarm function is activated (alarm icon visible). Ensure MP3 files for custom alarms are correctly placed in an "ALARM" folder on the root directory of the storage device.

## 8. SPECIFICATIONS

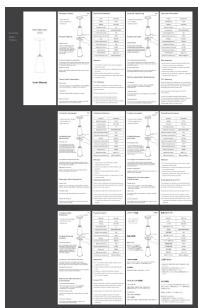
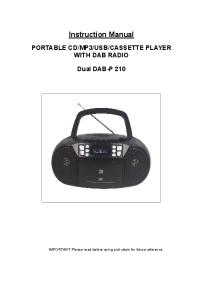
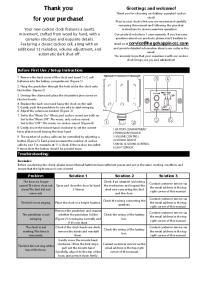
Feature	Detail
Model Name	BY28 P
Brand	WamGra
Product Dimensions	3.9"D x 3.9"W x 4.4"H (10cm D x 10cm W x 11.2cm H)
Item Weight	1.35 Pounds (0.61 kg)
Speaker Type	Portable Bluetooth Speaker
Speaker Maximum Output Power	5 Watts
Wireless Communication Technology	Bluetooth 4.0
Bluetooth Range	10 Meters (32.81 Feet)
Connectivity Technology	Bluetooth, Auxiliary (3.5mm), USB
Control Method	Touch
Power Source	Battery Powered (1 Lithium Ion battery included)
Battery Capacity	4400 mAh
Charging Time	Approximately 6 Hours
Special Features	Color Changing Light, Dimmable Light, Rechargeable, MP3 Player, Hands-Free Call

## 9. WARRANTY AND SUPPORT

This product comes with a limited warranty. Please refer to the warranty information provided at the time of purchase for details regarding coverage and duration.

For technical support, troubleshooting assistance, or warranty claims, please contact your retailer or the manufacturer directly. Contact information can typically be found on the product packaging or the brand's official website.

### Related Documents - BY28 P

	<p><a href="#">Smart Table Lamp User Manual - Features, Specifications, and Operation</a></p> <p>Comprehensive user manual for the Smart Table Lamp, detailing its features, technical specifications, touch controls, color temperature adjustments, dimming capabilities, and FCC compliance. Includes information for both wired and wireless charging models.</p>
	<p><a href="#">InterM EVP-1010-P Event Player: Instant Audio Playback Solution</a></p> <p>The InterM EVP-1010-P is a versatile event player designed for instant audio playback in various venues like companies, schools, and public offices. It supports up to 10 MP3 audio files stored on an SD card, with playback triggered by front panel buttons or rear panel contact inputs. Learn about its features, operation, applications, and specifications.</p>
	<p><a href="#">Dual DAB-P 210 Portable CD/MP3/USB/Cassette Player with DAB Radio Instruction Manual</a></p> <p>Comprehensive instruction manual for the Dual DAB-P 210 portable audio system, detailing its features including CD, MP3, USB, cassette playback, DAB, and FM radio. Covers setup, operation, safety guidelines, and specifications.</p>
	<p><a href="#">Huge Happiness Cuckoo Clock User Manual &amp; Setup Guide</a></p> <p>Comprehensive setup instructions, troubleshooting guide, and product information for the Huge Happiness battery-operated cuckoo clock (models SP851215-P, SP120913).</p>
	<p><a href="#">Brother VC-500W Compact Color Printer User's Guide</a></p> <p>This user's guide provides essential information for setting up and operating the Brother VC-500W Compact Color Printer. It covers safety instructions, component identification, wireless connectivity, software usage with P-touch Editor, and troubleshooting tips for optimal performance.</p>



### [Tock the Learning Clock - Educational Toy for Teaching Time](#)

Learn to tell time with Tock the Learning Clock, an interactive educational toy from Learning Resources. Features analog and digital time display, quiz mode, music, and an 'OK to Wake' light for children aged 3+.