

Bluetooth Multimedia Stereo Headset

Ancilla Mag

User's Manual



Ancilla Mag Features



Clear conversations!

Ancilla Mag ensures high quality sound even in noisy environment. You can have clear conversations anywhere, anytime.



Stereo sound!

Enjoy music stored in your Bluetooth phone or MP3 player in high quality stereo sound. Connect Ancilla Mag to a Bluetooth audio player and listen to music in stereo without worrying about missing a call.



Wireless freedom with Bluetooth technology!

Ancilla Mag allows wireless connection with a Bluetooth device within a 10m (30ft) range setting you free from cumbersome cables.

Table of Contents

Getting Started

■ Safety Precautions.....	4
■ What's in your Mag Package	6
■ Mag Overview	6
■ Button Functions	7
■ LED Indicator	8
■ Charging the Battery	8
■ Putting on Mag	10

Using Mag

■ Turning ON/OFF	11
■ Pairing Mag with a Bluetooth Device	12
■ Connecting Mag to a Bluetooth Phone.....	14
■ Making a Call	15
■ Answering a Call	16
■ Connecting Mag to a Bluetooth Audio Device	17
■ Listening to Music	18

Others

■ Troubleshooting	21
■ FCC	22
■ Warranty	23
■ Specifications	24



Safety Precautions

Take the following safety precautions when using Mag.



Do not disassemble, repair or alter the headset yourself.

- You risk electric shock and damaging the internal circuit board of the headset.



Do not drop, knock or shake the headset. Avoid putting the headset in contact with sharp-edged items such as knife or nails.

- Rough handling can damage the headset.



Keep the headset and battery charger dry.

- Humidity or moisture can damage the headset and cause electric shock. If the headset gets wet, wipe off with a dry cloth and allow it to dry completely.



Use the headset with Bluetooth devices within a 10m (30ft) range.

- Beyond this range, the sound will be distorted or cut off.



Limit phone conversations to a minimum while driving.

- Check the local laws and regulations on using headsets while driving before use.



Turn off the headset in places where the use of headset is prohibited.

- Using the headset in such places may create Radio Frequency interference and cause danger.



Avoid using the headset in proximity with Radio Frequency emitting equipment (i.e. TV, wireless LAN, microwaves).

- Radio Frequency emitting equipment may cause interference with the headset.



Charge the headset with the battery charger adapter provided in this package.

- Using other adapters may cause the headset to malfunction or explode.



Keep out of reach of children.



Use the headset at temperatures between -10°C (14°F) and 50°C (122°F).



Keep the headset away from heat and extended exposure to direct sunlight.

- Extended exposure of the headset to heat may cause malfunction, explosion and fire.



For information about customer service, visit <http://bt.primeenter.co.kr> or call 82-32-623-6471.



What's in Your Mag Package

Actual products may look different from the illustrations shown below.



Ancilla Mag (1)



Battery charger (1)



Earphones (1)



User's manual (1)



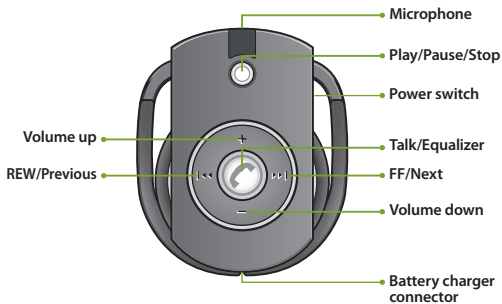
RCA cable (1)



Audio cable (1)



Mag Overview





Button Functions

Button	Operation	
	Connect to Bluetooth phone	Short press
	Dial (last number)	Short press twice
	Answer a call	Short press
	End a call	Short press
	Select equalizer mode	Short press during music playback
	Pair Bluetooth device	Keep pressed and switch the power ON
	Connect to Bluetooth audio device	Short press
	Play music	Short press
	Pause music	Short press during music playback
	Stop music	Long press for 1 second
	Play next song	Short press
	Fast forward song	Long press during music playback
	Play previous song	Short press
	Rewind song	Long press during music playback
	Volume up	Short press
	Volume down	Short press

※ Short press Long press (1 second) Long press (3 seconds)



LED Indicator

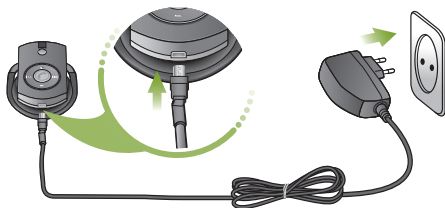
LED indicates the current status of Mag.

What you see		Mag Status
Blue blinking	every 0.5 second	Pairing mode
	once every 3 seconds	Standby mode/Music streaming
	twice every 3 seconds	Active call
Orange blinking		Battery low
Orange on		Battery charging error
Red on		Battery charging
Green on		Battery fully charged
Off		Power off



Charging the Battery

Mag has an internal, non-removable rechargeable battery. Make sure to fully charge it before first use.



- 1** Connect the charger to the headset
- 2** Plug the charger adaptor into an electrical outlet.
 - The LED will turn red to indicate that battery is charging.
 - When fully charged, the LED will change to green.



Battery charge/use time

Charge time	Battery use time		
	Talk	Standby	Music playback
2 hours	Up to 8 hours	Up to 300 hours	Up to 6 hours



When the battery is low



You will hear a beep and the LED will blink in orange three times.

- Mag will turn off automatically.
- When you hear the 'battery low' beep during a conversation, switch the conversation to the mobile phone.
(Refer to **Switching Conversation** page 16.)



NOTE

- ◆ Once the battery is charged, disconnect the charger from Mag.
- ◆ Store Mag and the battery charger at room temperature.
- ◆ You can use Mag while it is being charged.



Putting on Mag



1 Mag can be worn on either left or right ear. Push the ear hook slightly inward and wear it on your ear.

2 Adjust Mag on your ear so that the microphone aims towards your mouth.

Using Mag with earphones

Clip



Necklace





Turning Mag ON/OFF



To turn Mag ON



Push the power switch up.

- You will hear a beep and the LED will blink in blue three times.



To turn Mag OFF



Push the power switch down.

- The power will go off and all devices will be disconnected.



NOTE

- ◆ When not in use, keep Mag turned off.



Pairing Mag with a Bluetooth Device

In order to use Mag with a Bluetooth device, the two must first be paired.



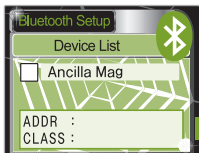
- 1** Make sure MAG is turned off. Keep  pressed and switch on the power.

- Release  when you see the LED blinking rapidly in blue.
- MAG enters into pairing mode.



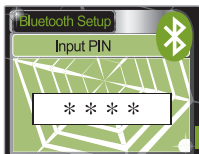
- 2** Select the Bluetooth device search function from the Bluetooth Menu of the device to be paired.

- The device will search for Bluetooth devices within a 10m (30ft) range.



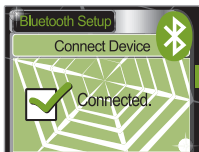
- 3** When 'Ancilla Mag' appears on the device list, select it.

- The device list appears automatically after device search.



- 4** Enter the pin code '0000' when requested.

- The default pin code is '0000'.



5 The devices are paired.

- Connection is made automatically.
If the device fails to connect, make the connection yourself from the Bluetooth device. The first connection must be made from the Bluetooth device.



Reference

The user interface illustrations shown in this manual may differ from the Bluetooth device you are using. Always consult the manual of the actual device.



NOTE

- ◆ Mag cannot be paired while it is being used for music streaming or conversation. It must be in pairing mode.
- ◆ If no device is paired within 2 minutes, the pairing mode ends automatically. Start the pairing mode again to pair device.
- ◆ You can register up to 8 devices. Additional pairing will automatically delete the earliest paired devices.



Connecting Mag to a Bluetooth Phone

In order to connect Mag to a Bluetooth phone, the two must first be paired.
(Refer to **Pairing a Bluetooth Device** pages 12 to 13.)



1 Mag is in standby mode.

- The LED will blink in blue every 5 seconds.



2 Short press .

- Mag will connect to the last phone used.
- **High tone beep** : connected.
- **Low tone beep** : connection failed.
(Try connecting again.)



3 You can now use Mag with the Bluetooth phone.

- Some functions such as voice dialing, call waiting may differ depending on the phone model.



4 To disconnect Mag from the Bluetooth phone long press for 1 second.

- You cannot disconnect during a conversation.



Making a Call

Make sure that Mag is connected to the Bluetooth phone you want to use.
(Refer to **Connecting Mag to a Bluetooth Phone** page 14.)



1 Double press .

- Mag will redial the last number called.
- The LED will blink in blue twice.



2 To end the call, short press .

- The call ends.
- Mag stays connected to the mobile phone in standby mode.

Voice dialing

The Bluetooth mobile phone must have this function.

- ① Long press  for 1 second.
 - The voice dialing function is activated and you will hear a command.
- ② Consult the phone's manual for using voice dialing function.



NOTE

- ◆ Functions such as voice dialing, call reject, call transfer, call waiting are only supported by Bluetooth devices with Hands-Free Profile.
- ◆ You can adjust the volume of the headset during a conversation by pressing the + or - volume control buttons. Mag supports 5 volume levels during a phone call.



Answering a Call

Make sure that Mag is connected to the Bluetooth phone you want to use.
(Refer to **Connecting Mag to a Bluetooth Phone** page 14.)



1 When there is an incoming call, short press .

- The call is answered.



2 To end the call, short press .

- The call ends.
- Mag stays connected to the mobile phone in standby mode.

Call reject

The Bluetooth mobile phone must have this function.

When there is an incoming call you do not wish to answer, long press  for 1 second.

- The phone ring turns off and the incoming call is rejected.

Call transfer

To switch the conversation from Mag to the mobile phone, long press  for 1 second during the call.

- The conversation is switched to the phone.
- To switch back to Mag, long press  for 1 second.

Call waiting

The Bluetooth mobile phone must have this function.

When you receive a new call during a conversation, short press .

- The call is switched to the new incoming call while the first caller is put on hold.
- To switch back to the first caller, short press .



Connecting Mag to a Bluetooth Audio Device

In order to connect Mag to a Bluetooth audio device, the two devices must first be paired. (Refer to **Pairing a Bluetooth Device** pages 12 to 13.)



1 Mag is in standby mode.

- The LED will blink in blue every 5 seconds.



2 Short press .

- Mag will connect to the last audio device used and playback music.
- **High tone beep** : connected.
- **Low tone beep** : connection failed.
(Try connecting again.)



3 Mag will stream music from the connected Bluetooth audio device.

- Use the included earphones to listen to music in stereo sound.



4 To disconnect Mag from the Bluetooth device long press for 1 second.

- You cannot disconnect while music is playing.



Listening to Music

Make sure that Mag is connected to the Bluetooth audio device you want to use. (Refer to [Connecting Mag to a Bluetooth Audio Device](#) page 17.)



To playback music



Short press .

- The first song on the list will playback.
- Remote control functions during playback

Buttons	Operation	
	Short press	Pause
	Long press	Stop
▶▶	Short press	Next song
	Long press	Fast forward
◀◀	Short press	Previous song
	Long press	Rewind
+	Volume up	
-	Volume down	
	Select equalizer mode	

Equalizer modes

You can select the audio quality among four modes: Normal, Classic, Jazz, and Rock.

- ① During music playback, short press .
- The equalizer modes will be selected in sequence.
- ② Press  until you have selected the mode of your choice.
- LED will blink in blue once for Normal, twice for Classic, three times for Jazz and four times for Rock.

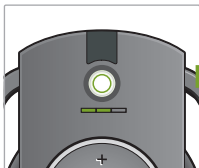


NOTE

- ◆ Mag supports 16 volume levels during music playback.
- ◆ Depending on the control functions of the Bluetooth audio device some remote control features may not be supported.



To stop the music



Long press  **for one second.**

- The music stops.
- Mag stays connected to the audio device in standby mode.



To answer an incoming call during music playback



When you hear the incoming call signal, short press .

- The music is paused automatically and the call is answered.
- To end the call, short press . The music resumes automatically.

To make a call during music playback

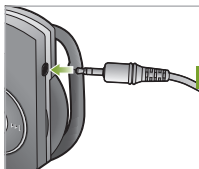
You must first stop the playback of music.
(Refer to **Making a Call** page 15.)



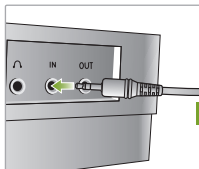
Listening to Music (Continued)



Connecting Mag to a home audio



- 1 Connect the 2.5mm end of the audio cable (or RCA cable) to Mag.



- 2 Connect the other end of the audio cable to the input outlet of your audio system.

- You can listen to music stored in your Bluetooth phone or audio device in high quality stereo sound through your home audio system.



Reference

The input outlet on your audio system may be indicated as IN, LINE IN, AUDIO IN or AUX depending on the model. Check the user's manual of the audio system.



Troubleshooting

What's the problem?	Try this
Mag turns off by itself.	■ Recharge the headset. The battery is probably low. You will hear a beep and the LED will blink in orange three times.
Mag cannot be paired with a device.	■ Make sure that Mag is in pairing mode (LED blinking in blue every 0.5 sec). ■ Check that you have entered the pin code correctly. Default pin code is '0000'. ■ Check that the Bluetooth function on the device to be paired is set to ON. ■ Make sure that the batteries on Mag and the device to be paired are sufficient. ■ Make sure that Mag is not already connected to another device.
I hear noise. The sound is broken.	■ Turn the device off and back on. ■ Change the location of the devices. (Radio Frequency interferences and physical obstacles such as thick walls may affect the wireless sound transmission and cause noise and malfunction.)
I can't hear the voice or music.	■ Make sure that you are using Mag and the Bluetooth devices within a 10m (30ft) range. ■ Adjust the volume using the +/- buttons.
The LED does not change colors	■ There may be some time gap between the command and the LED indication light. Give it some time or press the button again.



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.

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

The device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

Users are not permitted to make changes or modify the device in any way. Changes or modifications not expressly approved by **Prime Entertainment** will void the user's authority to operate the equipment.



Warranty

Prime Entertainment warrants this product against defects in material and workmanship under normal use for one year from the original date of purchase.

Retain the dated sales receipt as evidence of the date of purchase. You will need it for any warranty service.

In order to keep this warranty in effect, the product must have been handled and used as prescribed in the instructions accompanying this product.

What is not covered under this warranty?

1. Damage or malfunction caused by misuse or mishandling of the product by the user.
2. Damage caused to the product by repair service performed by an unauthorized distributor.
3. Damage or malfunction beyond the warranty period.

For more information on the warranty, contact Prime Entertainment Quality Control Service:

Woolim Lions Bldg C #811, 425 Chungchun-dong, Bupyung-gu
Inchon, South Korea

Tel: +82-32-623-6471

Fax: +82-32-623-6472



Specifications

Bluetooth spec	Version 2.0, Class 2
Bluetooth profiles	HFP(Hands-Free Profile) HSP(Headset Profile) A2DP(Advanced Audio Distribution Profile) AVRCP(Audio/Video Remote Control Profile) GAVDP(Generic A/V Distribution Profile)
Frequency range	2.402 ~ 2.480 GHz
Consumption current	0.25 ~ 2.5mW
Operating range	10 meter (30ft)
Operating temperature	-10 °C(14 °F) to +50°C(122 °F)
Adapter Input	AC 100 ~ 240V, 50/60Hz
Adapter Output	DC 5V, 750mA
Dimensions	50mm (W) x 57mm (H) x 18mm (D)





