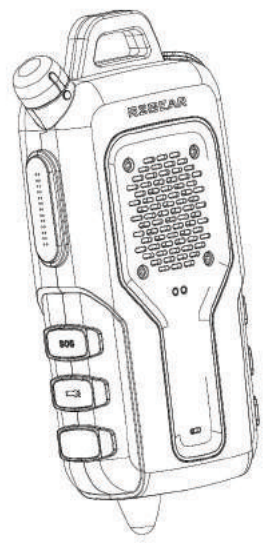


R2GEAR MK3

Bluetooth PTT for Zello (android/iOS)



사용설명서

Quick Start Guide

クイックスタートガイド

Outdoor Communication Tool

MK3 각 부분의 명칭

전원/음량

PTT

응급메세지

LED 플래시

터치펜(탈착식)

통화/재생

충전/ 이어폰잭

상태표시등

FWD

REV

동작 및 충전 표시	
MK3 상태	예약 가능 메뉴
전원 켜짐	파란색 상태 표시등이 깜빡입니다.
전원 꺼짐	파란색 상태 표시등이 꺼집니다.
블루투스 검색모드	파란색 상태 표시등이 5초에 2번 깜빡입니다.
장치에 연결된 상태	파란색 상태 표시등이 5초에 1번 깜빡입니다.
음악재생	파란색 상태 표시등이 빠르게 깜빡입니다.
음성통화/무전수신	파란색 상태 표시등이 빠르게 깜빡입니다.
배터리 충전 필요	빨간색 상태 표시등이 깜빡입니다.
충전 중	빨간색 상태 표시등이 꺼집니다.
충전 완료	빨간색 상태 표시등이 꺼집니다.

스마트폰과 연결

전원/음량

PTT

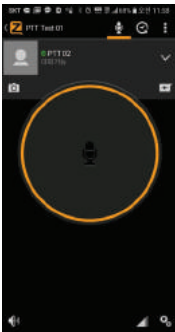


- 1 [PTT] 버튼을 누른 상태로 [전원/음량] 버튼을 돌려 전원을 켭니다.
- android
파란색 상태 표시등이 깜빡이면서 "Ready to pair" 안내 음성이 나오면 [PTT] 버튼을 놓습니다.
MK3가 페어링 모드로 진입합니다.
- iOS
파란색 상태 표시등이 깜빡이면서 "Ready to pair" 안내 음성에 이어서 "IOS Zello Support" 안내 음성이 나오면 [PTT] 버튼을 놓습니다. MK3가 페어링 모드로 진입 합니다.
- 2 스마트폰의 블루투스 설정에서 MK3(XXXX)PTT를 선택합니다.
- 잠시 후 연결이 완료 됩니다.

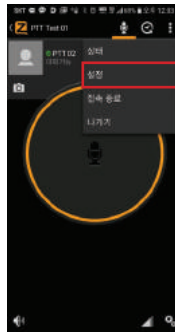
무전송신(PTT)

1 Zello app.을 실행하여 MK3의 [PTT] 버튼을 등록합니다.

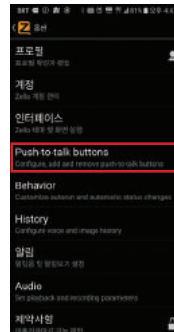
android



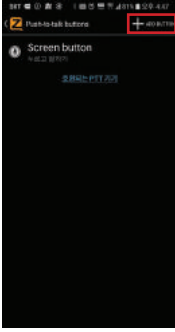
"메뉴"를 선택합니다.



"설정"을 선택합니다.



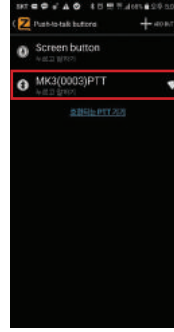
"Push-to-talk buttons"을 선택



"ADD BUTTON"을 누릅니다.



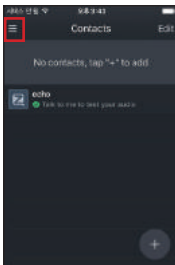
[PTT] 버튼을 누릅니다.



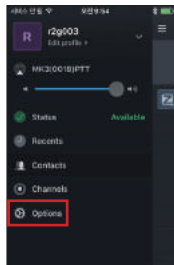
MK3의 [PTT] 버튼이 등록되었습니다.

1 App. 실행화면은 버전 업데이트에 따라 변경될 수 있습니다.

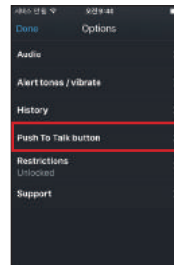
IOS



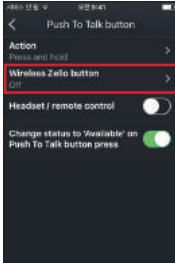
"메뉴"를 선택합니다.
"Wireless Zello button"을 선택합니다.



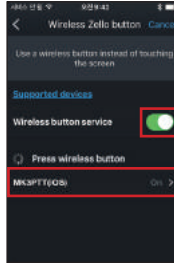
"Options"을 선택합니다.



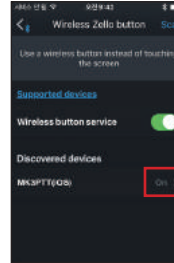
"Push To Talk button"을 선택합니다.



"Wireless button service" 스위치를 켜 후 "MK3PTT(=OS)"를 선택합니다.



"Wireless button service"를 선택합니다.



"MK3PTT(iOS)"가 등록되었습니다.

1 App. 실행화면은 버전 업데이트에 따라 변경될 수 있습니다.

2 무전송신 시 [PTT] 버튼을 누르고 음성을 송신하고, 송신이 끝나면 [PTT] 버튼을 놓으세요.

MK3 Parts

Power/Volume

PTT

SOS Message

LED Flash

Touch Pen (Detachable)

Call/Play

Charging/ Earphone Cap

Status Indicator

FWD

REV

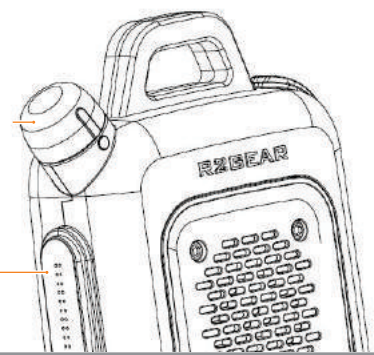
Operation and Battery Display

MK3 Status	Schedulable Menu
Power on	The blue status indicator blinks.
Power off	The blue status indicator is turned off.
Bluetooth search mode	The blue status indicator blinks twice every 5 seconds.
Device connected	The blue status indicator blinks once every 5 seconds.
Play music	The blue status indicator blinks rapidly.
Voice call/Receive radio	The blue status indicator blinks rapidly.
Battery low	The red status indicator blinks.
Charging	The red status indicator is turned on.
Battery full	The red status indicator is turned off.

Smart Phone Connection

Power/Volume

PTT



1 While pressing the [PTT] button, turn the [Power/Volume] button to turn on the power.

Android
The blue status indicator blinks and the voice message: "Ready to pair" is heard. Then, release the [PTT] button.
MK3 will enter the pairing mode.

iOS
The blue status indicator blinks and the voice messages, "Ready to pair", and "IOS Zello Support", are heard. Then, release the [PTT] button. MK3 will enter the pairing mode.

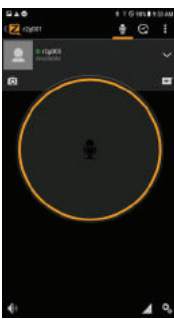
2 Select MK3(XXXX)PTT from the Bluetooth settings of your smart phone.

Wait a minute until the smart phone is connected.

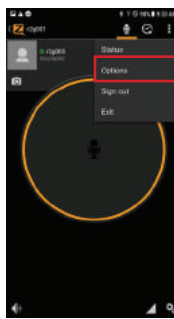
Radio Transmission (PTT)

1 Launch the Zello app to register the [PTT] button of MK3.

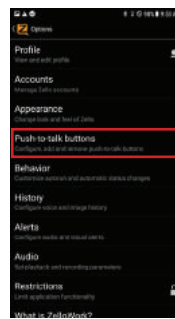
Android



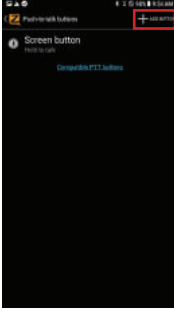
Select 'Menu'.



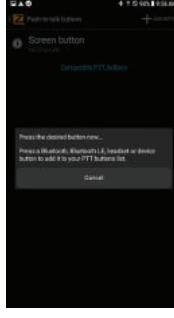
Select 'Options'.



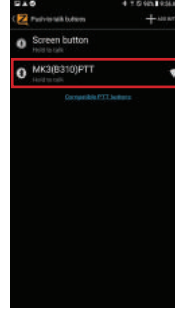
Select 'Push-to-talk buttons'.



Press 'ADD BUTTON'.



Press the [PTT] button.



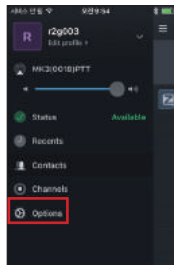
The [PTT] button of MK3 is registered.

1 The app launch screen may change due to its version update.

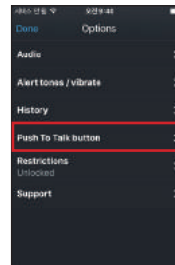
IOS



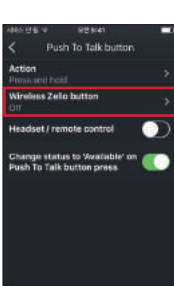
Select 'Menu'.
Select 'Wireless Zello button'.



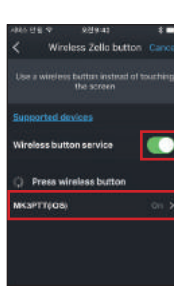
Select 'Options'.



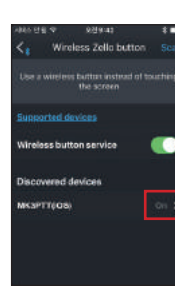
Select 'Push To Talk button'.



Turn on the "Wireless button service" switch and select "MK3PTT(iOS)".



"Wireless button service"를 선택합니다.



MK3PTT(iOS) is registered.

1 The app launch screen may change due to its version update.

2 During radio transmission, press the [PTT] button to send your voice and release it when you finished talking.

Voice Call

1 When a call is received, press the [Call/Play] button.

If you want to reject the call, press and hold the [Call/Play] button for 2 seconds.
To hang up the call, press the [Call/Play] button.
(Press and hold the [Call/Play] button during the MK3 call and the call will be switched to the smart phone. Press and hold it again and the call will be switched to the MK3.)

2 Press and hold the [Call/Play] button during standby, it will place a call to the latest phone number.

Play Music

1 Play music and control the volume in the smart phone.

Press the [Call/Play] button to pause, and press it again to play the music.

2 Press the [FWD] button to play the next music, and press the [REV] button to play the previous music.

Press and hold the [FWD] button to fast forward, and press and hold the [REV] button to fast rewinding.

LED Flash

1 Press the [LED Flash] button to turn it on and off.

If you look at the light source directly, your eyesight may be damaged.
Using the LED flash for a long time will discharge the battery rapidly.

SOS Button (Android Option)

1 MK3 app installation and SOS message recipient setting

From Play Store, search "R2GEAR" or "MK3" and install and launch the MK3 app.

1. Click the "Search" button.
2. Select the MK3(HELP) device.
3. Press '+' to register SOS message recipient(s). You can register up to 4 recipients.

2 Upon emergency, press the [SOS] button for 3 times consecutively to send the SOS message.

When the SOS message is sent successfully, MK3 beeps a signal tone.



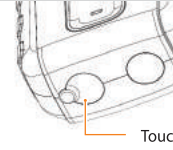
1



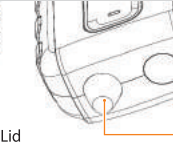
2

A SMS text with location information is sent to the SOS message recipient. The recipient can press the URL address to view the location of the MK3 user.
When you send a SOS message, you will be charged for the transmission by the mobile service carrier.

Touch Pen



Touch Pen Lid



Touch Pen

1 Remove the touch pen lid at the bottom of the device and mount the touch pen supplied in the package.

If you do not use the touch pen function, install the touch pen lid.

Precautions

Battery
If the battery is not used for a long time, it may discharge rapidly.
Even if the device is not used for a long time, it is recommended that you fully charge the battery every 6 months to maintain the battery performance.

Water-proof performance
This device satisfies the IP56 water-proof standards. However, its water-proof performance is not perfect.
Do not use the device under the water.

To prevent its water-proof performance from deteriorating
Do not drop the device or expose it to a physical impact. Deformation or damage of the device may cause the deterioration of water-proof performance.
Carefully handle the cap. The cap plays a critical role in water-proof performance. Make sure that the cap is fully closed when you use the device. The cap won't be closed properly if it is contaminated with any foreign substance. If the cap is not fully closed, its water-proof performance may deteriorate and water may leak into the device, causing a failure.

Interference from other devices
The Bluetooth device and the wireless LAN share the same frequency. If you use this device near a wireless LAN device, radio interference may occur and communication speed may be lowered or noise may occur.
Noise or sound interruption may occur depending on the characteristics of the smart phone connected to this device, the communication condition and/or the operating condition.

Main Specifications

Communication System	Bluetooth 4.1
Speaker Output	2W
Water-proof Level	IP56
Battery	Li-Polymer (1200 mAh)
Charging Method	Micro 5-pin USB
Earphone Jack	3.5 Φ
Size	Approx. 123 × 55 × 29 mm
Weight	Approx. 149 g
Operating Temperature	5 °C ~ 35 °C
Standby Time	20 days
Usage Duration	10 hours when playing consecutively at the maximum volume. 15 hours when playing consecutively at the ordinary volume.
LED Flash	150 lumen

The warranty period of this product is one year from the date of purchase.
Service Call : +82-2-972-2015
Manufacturer/Country of Origin: R2Gear Co., Ltd./Republic of Korea www.r2gear.co.kr

(CLASS B)

FCC Information to User
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 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.

Caution
Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Compliance Information : 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

IMPORTANT NOTE:
FCC RF Radiation Exposure Statement:
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

주의사항

배터리
배터리를 장시간 사용하지 않을 경우 배터리가 빨리 방전될 수 있습니다.
기기를 장기간 사용하지 않더라도 배터리 성능을 유지하기 위해 6개월 마다 한 번씩 완충하는 것을 권장합니다.

기기의 방수 성능
본 기기는 IP56의 방수 규격을 만족합니다. 하지만 방수 성능이 완벽한 것은 아닙니다.
기기를 물속에서 사용하지 않습니다.

방수 성능 저하를 방지하려면
기기를 떨어뜨리거나 기계적 충격에 노출하지 않도록 주의하십시오. 변형 또는 손상은 방수 성능 저하의 원인이 될 수 있습니다.
캡을 조심스럽게 다루십시오. 캡은 방수 성능 유지에 매우 중요한 역할을 합니다.
기기 사용시 캡이 완전히 닫혔는지 확인하십시오. 캡을 닫을 때 이물질이 묻어 있으면 캡이 제대로 닫히지 않으므로 주의하십시오. 캡이 완전히 닫히지 않으면 방수 성능이 저하되고 시스템에 물이 스며들어 고장이 발생할 수 있습니다.

다른 장치의 간섭
블루투스 장치와 무선 LAN은 동일한 주파수를 사용하기 때문에 본 기기를 무선 LAN 장치 근처에서 사용하는 경우 전파 간섭이 발생하여 통신 속도가 저하되거나, 노이즈가 발생할 수 있습니다.
본 기기와 연결된 스마트폰 특성, 통신환경 또는 사용환경에 따라 노이즈나 사운드 끊김이 발생할 수 있습니다.

주요 재원

통신시스템	Bluetooth 4.1
스피커 출력	2 W
방수등급	IP56
배터리	Li-Polymer(1200 mAh)
충전방식	micro 5pin USB
이어잭	3.5 Φ
크기	약 123 × 55 × 29 mm
무게	약 149 g
적정 사용온도	5 °C ~ 35 °C
대기시간	20일
사용시간	최대 음량 연속재생시 10시간 보통 음량 연속재생시 15시간
LED 플래쉬	150 lumen

본 제품의 품질 보증 기간은 구매일로부터 1년입니다.
A/S 문의 : 02-972-2015
제조사/제조국가 : 일투기어 주식회사/대한민국 www.r2gear.co.kr