# SENA

# SAVAGE

萨瓦赫 BLUETOOTH® 四分之三蓝牙头盔





# 选择 任意键 开始



关于头盔



开始

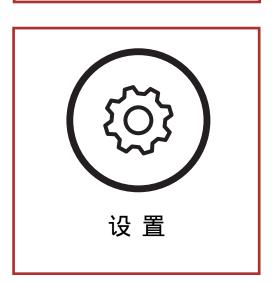


















维护和保养

### **LEGEND:**



按键 1次



持续按住10秒







转动 顺时针转是向右 逆时针转是向左







按住并转动 逆时针转是向左

顺时针转是向右



"Hello"

语音提示

# 目录

安全预警		8
1.	关于SAVAGE蓝牙头盔	12
1.1	基本信息	12
	产品细节	13
1.3	包装内容	13
1.4	佩戴头盔 1.4.1 戴头盔 1.4.2 摘下头盔	<b>14</b> 14 15
1.5	<b>骑行前头盔检查</b> 1.5.1 检查头盔外部 1.5.2 检查下巴托	15 15 15
1.6	付件安装:帽檐	16
2.	开始使用 <b>:</b> 内置蓝牙系统	17
2.1	按键功能	17
2.2	开机和关机	18
2.3	充电	19
2.4	检查电池电量	20
2.5	声音调节	21
2.6	下载Sena软件 2.6.1 Sena升级管理器 2.6.2 Sena Smartphone App	22 22 22
2.7	配置菜单	23

3.	和其他蓝牙设备配对	25
3.1	手机	25
3.2	附加的手机、GPS/MP3或者SR10蓝牙适配器	26
3.3	高级可选配对: 免提或者A2DP立体声 3.3.1 手机选择配对-免提属性 3.3.2 媒体选择配对-A2DP属性	27 27 28
4.	手机的使用	30
4.1	拨打电话	30
4.2	快速拨号	31
<b>5.</b>	立体声音乐	33
5.1	用蓝牙设备播放音乐	33
5.2	音乐分享	34
5.3	音频增加(默认关闭)	34
6.	内部对接设置	35
6.1	内部对讲配对	35
6.2	双方内部对讲	37
6.3	多方内部对讲 6.3.1 开始三方内部通话 6.3.2 开始四方内部通话 6.3.3 结束多方内部对讲	38 38 39 40
6.4	和内部对讲用户进行三方通话	40
6.5	小组内部对讲	41
6.6	通用内部对讲	43

6.7	高清内部对讲(默认:开启)	44
6.8	高级除噪(默认:开启)	45
<b>7.</b>	使用FM收音机	46
7.1	FM收音机开启/关闭	46
7.2	搜索和保存收音机电台	47
7.3	扫描和保存收音机电台	48
7.4	临时电台设定	49
7.5	操作预设电台	50
7.6	区域选择	50
7.7	无线数据广播系统(RDS)转换设置 (默认:关闭)	51
7.8	FM电台说明(默认:开启)	51
		50
8.	基本信息设定	<b>52</b>
<b>8.</b> 8.1	基本信息设定 功能优先级	<b>52</b> 52
8.1		
8.1	功能优先级 硬件升级	52
8.1 8.2 8.3	功能优先级 硬件升级	52 52
8.1 8.2 8.3	功能优先级 硬件升级 语音提示(默认:开启)	52 52 52
8.1 8.2 8.3	功能优先级 硬件升级 语音提示(默认:开启)	52 52 52
8.1 8.2 8.3 8.4	功能优先级 硬件升级 语音提示(默认:开启) 删除所有蓝牙配对信息	52 52 52 53
8.1 8.2 8.3 8.4	功能优先级 硬件升级 语音提示(默认:开启) 删除所有蓝牙配对信息	52 52 52 53
8.1 8.2 8.3 8.4 9.	功能优先级 硬件升级 语音提示(默认:开启) 删除所有蓝牙配对信息	52 52 52 53
8.1 8.2 8.3 8.4 9. 9.1	功能优先级 硬件升级 语音提示(默认:开启) 删除所有蓝牙配对信息 遥控 与蓝牙遥控配对	52 52 52 53 54 54

### TABLE OF CONTENTS CONTINUED

LIMITED PRODUCT WARRANTY DISCLAIMERS, AND LIMITATIONS	62
CERTIFICATION AND SAFETY APPROVALS	59
11.3 头盔的存放	58
11.2 内衬	58
11.1 外壳	58
<b>11.</b> 保养与维护	58



## **SAFETY PRECAUTIONS**

Please ensure that the product is properly used by observing the safety precautions below to prevent any risk of serious injury, death and/or damage to property.

### Hazard alert signal words

The following safety symbols and signal words are used in this manual.

**A** WARNING: Indicates a potential hazardous situations that, if not avoided, could result in death or serious injury.

**A CAUTION:** Indicates a potential hazardous situation that, if not avoided, could result in minor or moderate injury.

NOTICE: Indicates information considered important, but not hazard-related. If not avoided, it could cause damage to your product.

Note: Notes, usage tips, or additional information

### **Product Use**

Observe the following precautions to avoid injury or damage to your product while using the product.

### WARNING

- Motorcycling is associated with particular risks and dangers for the rider and passenger. These risks and dangers can be reduced, but not eliminated completely, by wearing a helmet. It is impossible to state precisely what the protective effect of a helmet will be in the event of an accident. Safe riding techniques, adapted to the particular road and weather conditions, are essential for your safety.
- The full protective function of a helmet can no longer be guaranteed after an accident or impact. Like the crumple zone of a car, the impact energy of a collision is absorbed by complete or partial destruction of the structure of the outer and/or inner shell of the helmet. Because of the way helmets are designed, this damage is rarely visible from the outside. The safety helmet is designed to absorb only one impact. It is therefore essential to replace the helmet after a fall, accident or other violent impact. For safety reasons, the old helmet should be rendered unusable.
- No helmet provides absolute protection from all conceivable impacts. This helmet has been specially developed for motorcycle riding and is unsuitable for other purposes.
- The helmet safety mechanism described above can also cause small cracks in the shell when the helmet is dropped from a small height (less than 1 meter).
- Use of the product at a high volume for a long period of time may damage your eardrums or hearing ability.



- When relevant, follow all regulations regarding the use of the camera.
  - (1) Do not use your camera in an aircraft, unless permitted.
  - (2) Turn off the camera when you are near medical equipment. Your camera can cause interference with medical devices in hospital or healthcare facilities.
- The camera generates a low level magnetic field. Keep a safe distance between the camera and cardiac pacemakers to avoid potential interference. Turn off the camera immediately if your camera indicates interference with a pacemaker and contact the pacemaker manufacturer or a physician.
- Avoid interference with other electronic devices. Your camera generates a low level magnetic field that may interfere with unsealed or improperly shielded electronic equipment in homes or vehicles. Consult the manufacturers of your electronic devices to resolve any interference problems you experience.
- Never use a damaged memory card. This may result in electric shock, camera malfunction, or fire.
- In any place where wireless communication is prohibited, such as hospitals or airplanes, turn off the power. In a place where wireless communication is prohibited, electromagnetic waves may cause hazards or accidents.
- When you use the product while you operating any vehicle or equipment such as motorcycles, scooters, mopeds, ATVs, or quadbikes (hereinafter called "transportation means"), you need to follow the safety precautions provided by the manufacturer of the vehicle.
- When you use the product, use good judgment; never use it under the influence of alcohol or drugs or when you are extremely tired.

### CAUTION

- The helmet should be replaced after 5 to 7 years depending on use and care. Although the outer shell is in principle capable of a longer service life, the occurrence of material fatigue and wear to other components, as well as the overall action of the helmet and the unknown conditions in which the helmet has been used, make it advisable for your own safety to replace the helmet after this period of use.
- Original components (in particular on the outer shell, inner shell and restraint system) should not be altered or removed. The fitting of additional parts from other manufacturers that have not been recommended can reduce the protective effect and renders the helmet's certification and all warranty and insurance claims invalid.
- Use only original parts, replacement parts and accessories that Sena has expressly approved for your helmet.
- To provide adequate protection, the helmet must fit well and be securely fastened.
- Always fasten the chinstrap before setting off and check that the fastening system and strap are correctly in position.
- Never ride with the chinstrap unfastened or incorrectly adjusted. The chinstrap must be correctly positioned and must not come loose when pulled. The fastener is not correctly closed if the chinstrap becomes loose when pulled.
- Any helmet that has been subjected to a violent impact should be replaced.
- Examine the helmet for damage at regular intervals. Small scratches will not impair the protective function of your helmet.



- If the product emits an unusual smell, feels hot, or appears abnormal in any other way while using or charging, stop using it immediately. It may cause damage, explosion, or fire. Contact your sales location if any of these problems are observed.
- Do not use the product in an explosive atmosphere. If you are in such a location, turn off the power and heed any regulations, instructions, and signs in the area.

### **NOTICE**

- In some regions, it is prohibited by law to ride motorcycles while wearing headsets or earbuds. Therefore be certain you are aware of all relevant laws in the region where you are using the product and are sure that you comply with them.
- Do not use the product in high-temperatures or apply heat to the product as this may cause damage, explosion, or fire.
- Do not use heat damaged helmets. Heat damaged helmets will appear to have uneven or have bubbly surfaces.
- Do not attach anything to your helmet, including mirrors or lights.
- Keep product away from pets or small children. They may damage the product.
- Do not cause impact to the product or touch it with sharp tools as this may damage the product.
- Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void the limited warranty to operate the equipment.
- High internal temperature may result in noisy photos. This is not a malfunction and does not affect your camera's overall performance.
- Check that the camera is operating properly in advance. Any file loss or camera damage caused by camera malfunction or improper use is not covered under warranty.

## **Battery**

Your product has a built-in battery. Be careful to heed all safety information in this guide. Failure to carefully observe the safety precautions can cause battery heat generation, bursting, fire and serious personal injury.

### WARNING

- Do not use the product in direct sunlight for a long period of time. Doing so can damage the product and generate heat that can cause burns.
- Do not use or store the product inside cars in hot weather. It may cause the battery to generate heat, rupture, or ignite.
- Do not continue charging the battery if it does not recharge within the specified charging time. Doing so may cause the battery to become hot, explode, or ignite.
- Do not leave the product near open flames. Do not dispose of the product in a fire. It may cause the battery to become hot, explode, or ignite and cause serious injury.
- Never attempt to charge a battery with the charger which has been physically damaged. It may cause explosion and/or accidents.

### **NOTICE**

Battery life may vary depending on conditions, environmental factors, functions of the product in use, and devices used with it.



### 产品保存和管理

阅读下面的警告,以免在存放和维护产品时受到人身伤害和产品的损失。

### CAUTION

• Do not dispose of the product with household waste. The built-in battery is not to be disposed of in municipal waste stream and requires separate collection. Disposal of the product should be done in accordance with the local regulations.

### **NOTICE**

- Keep the product free of dust. Dust may damage mechanical and electronic parts of the product.
- The product should be stored at room temperature. Do not expose the product to extremely high or low temperature as this may reduce the life span of electronic devices, damage the battery, and/or melt plastic parts of the product.
- Do not clean the product with cleaning solvents, toxic chemicals, or strong detergents as this may damage the product.
- Do not paint the product. Paint may obstruct moving parts or interfere with the normal operation of the product.
- Do not drop or otherwise shock the product. It may damage the product or its internal electronic circuits.
- Do not disassemble, repair or modify the product as this may damage the product and invalidate the product warranty.
- Do not store the product in humid environments, especially for long periods of time. It may damage the internal electronic circuits.
- Battery performance will deteriorate over time if stored for a long period of time without being used.
- Do not store the camera in proximity to magnetic fields. Doing so may result in camera malfunction.
- Be careful to protect the lens by avoiding rough handling or physical shock.
- Wipe the surface of the lens with a soft cloth in the following situations:
  - (1) When there are fingerprints on the lens surface.
  - (2) When the lens is used in hot or humid environments, such as near oceans or rivers.
- Store the product in a well-ventilated room to protect the lens from dirt and dust.



# 1.关于SAVAGE萨瓦赫头盔

#### 简介 1.1

这是一款摩托车头盔。

除了骑行,不要用于其他用途。如果用于头盔以外的用途,此产品可能不 能带给您充分的保护。

没有头盔能保护所有可能的撞击情况。

For maximum protection, the helmet must fit properly on the head and its retention strap securely fastened under the chin. With the retention system comfortably but firmly adjusted, the helmet should allow sufficient peripheral vision when secured. If the helmet is too large, it may move on your head while riding. If the helmet can be removed when pulled from the back in an upward and forward direction, it's not fitted properly. This could cause the helmet to obstruct your vision while riding or come off in an accident, resulting in personal injury or death. Please refer to Section 1.4: "Wearing the Helmet" for more details about properly securing and wearing your helmet.

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## 1.2 产品细节



### 编号. 名称

- 头盔安全带
- 双D环 2
- 充电和升级端口
- 蓝牙系统按键 4

## 1.3 包装内容

Savage 萨瓦赫头盔	USB 数据线	
长帽檐	头盔袋	SENA
短帽檐	头盔托	



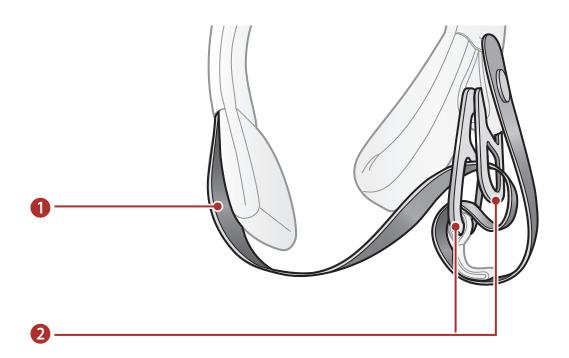
### 1.4 头盔佩戴

### 1.4.1 戴头盔

- 1. 将安全绑带松开。
- 2. 往外轻拉头盔安全带,将头盔戴在头上。

注意:头盔安全带是绑在双D环的尼龙带子。

- 3. 转动下巴上的安全带,用D环拉紧。
- 4. 系好并拉紧安全带,穿过双D环向颈部拉紧。



### 编号. 名称

- 1 头盔安全带
- 2 双D环



### 1.4.2 摘下头盔

- 1.拽下双D环上面的红色扣子, 松开安全带。
- 2. 往外拉安全带。
- 3. 轻轻地往外拉安全带的垫子,将头盔摘下。

注意: 摘下头盔后将安全带棒紧,可避免对头盔表面的划损。

#### 骑行前的检查 1.5

### **1.5.1** 检查外面

常规检查头盔的损伤。小划痕将不会影响头盔的保护性能。如果有严重 损伤,如破损、凹痕、脱落和裂纹漆等,头盔将不能再使用。

### 1.5.2 检查头盔安全带

- 1. 确保安全带正好在下巴上。
- 2. 如要测试安全带的松紧度,将食指伸进安全带往下拉。如果带子太 松,需要放松一些。如果太松,头盔会不合适。把安全带全部松开后重新 拉紧重新检测。
- 3. 如果安全带在下巴处感觉到很松而且不能再拉紧,请检查头盔的尺寸是 否合适。

注意:每一次调节都要测试。

▲ 警告: 永远不要在安全带松动或者调节在不当的位置时骑行。安全 带应该合适,并且在拉动的时候不能松动。如果拉动安全带松动,纽 扣是没有扣紧的。



### 1.6 附件安装: 帽檐

为了保护你的眼睛不受阳光或者其他强光的照射, 你可以使用帽 檐。SENA提供一长一短的帽檐。将帽檐和头盔的纽扣对齐,用力扣紧。



No. Name



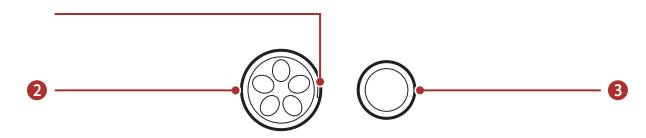
Visor



# 2. 开始使用: 内置蓝牙系统

#### 按键功能 2.1

### 蓝牙系统按键1

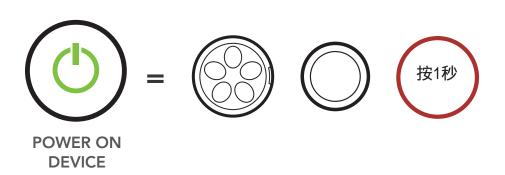


No.	Name	Function
1	蓝&红LED灯	
2	波轮键	<ul> <li>接/结束通话</li> <li>拒接来电</li> <li>开始/结束内部通话</li> <li>音量调节</li> <li>播放/暂停音乐</li> <li>往前和往后</li> <li>进入内部对讲配对模式</li> <li>进入语音配置设置</li> <li>扫描收音机电台</li> </ul>
3	电话键	<ul><li>接/结束通话</li><li>快速拨号</li><li>进入电话配对模式</li><li>FM收音机开/关</li></ul>



## 2.2 开机和关机

同时按波轮键和电话键1秒钟,可开机或关机。 开机



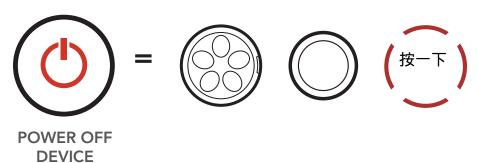


"正在准备耳机"



"您好"

### 关机





### 2.3 充电

▲ 警告: 只能用厂家提供的充电器充电。如果不用提供的充电器充 电,可能会引起火灾,爆炸,泄露或者其他危险,这可能会减少电池寿命或者电池不可用。

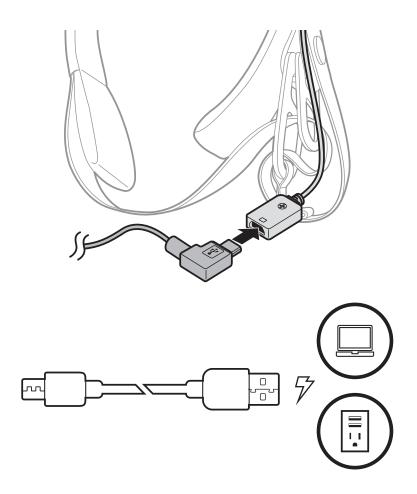
蓝牙系统通过USB进行充电可有多种方式:

- 1.插入电脑USB端口
- 2.用墙体充电器充电

### 注意:

- 充电时请摘下头盔。充电时蓝牙系统会自动关机。
- 请勿使用非CE, IC, FCC认证的充电器进行充电,请勿使用大功率快充型充电器,请 使用符合SENA要求的电压5V,电流不超过2A的充电器进行充电。
- 长时间不使用时,请将耳机充满电进行保养。

### 蓝牙系统充电

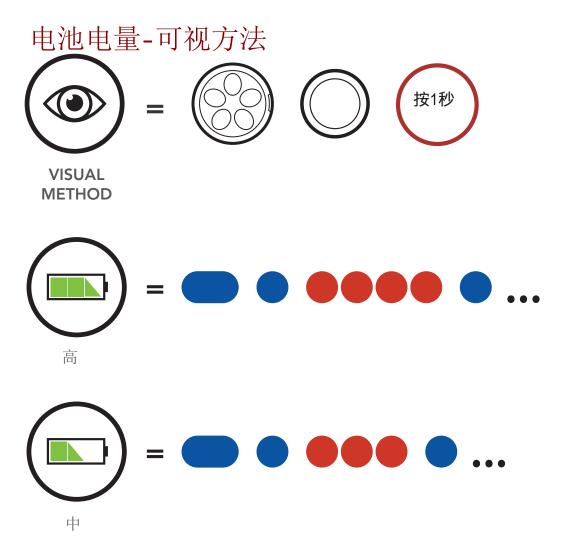


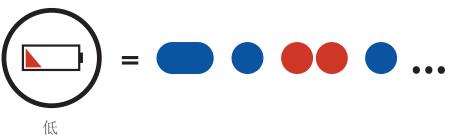
根据不同的充电方式,充满电大约需要3个小时。



### 2.4 检查电池电量 有两种方式可以检查电池电量

1. 开机后可以观察LED的显示。



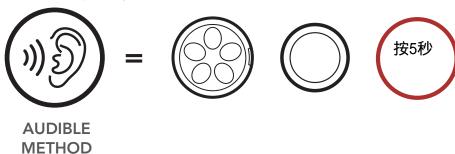


### 注意:

- 1. 电池续电能力会随着使用时间的而减弱
- 2.电池寿命决定于使用调节,使用环境,使用时功能的选择和一起使用的设备有关。
- 2. 语音方式: 开机以后,同时按波轮键和电话键五秒钟以上,会有语音提示 电量水平。



### 语音方式





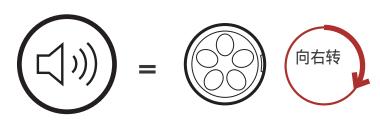
### 电池电量高/中/低

当在使用的过程中电池电量变低,你可以听到语音提示"电 注意: 池电量低"

#### 2.5 音量调节

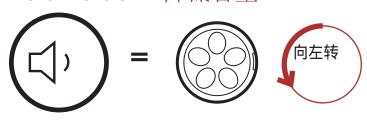
你可以通过转动波轮键提高或降低音量。音量会被分别设置 并保存在每一个音频源(如电话,内部对讲),即使蓝牙系 统被重新启动。

### Volume up增加音量



**VOLUME UP** 

### Volume down降低音量



**VOLUME DOWN** 

▲ 警告: 长时间使用高音量会损坏你的鼓膜和听力。调节 最合适的音量来避免损伤。



#### 可下载的SENA软件 2.6

### 2.6.1 Sena设备管理器

设备管理器可以在电脑或苹果电脑上升级硬件和进行设置。用这个软件你可以设定快速拨号,FM电台预设等。更多信息请下载Sena Device manager,访问 sena.com

### 2.6.2 Sena智能手机App

The Sena智能手机App 可以进行配置设置,还可以阅读使用说明。 请把蓝牙系统先与手机配对(细节请参考第3章:"蓝牙系统和其他 蓝牙设备配对")。 运行 Sena 智能手机App,直接在上面进行设 置。你可以从sena.com/headset-app下载Sena智能手机App的安卓版 或者苹果版。





### Sena 软件配置菜单

配置设置	开启/禁用
音频增强	开启/禁用
HD 高清内部对讲	开启/禁用
语音提示	开启/禁用
RDS AF 设置	开启/禁用
FM 电台指南	开启/禁用
高级除噪功能	开启/禁用

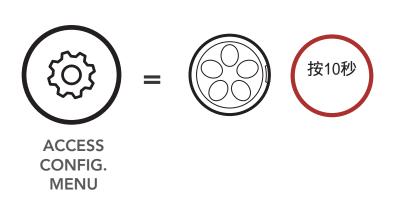


### 2.7 配置菜单

蓝牙系统可以用下列语音提示进行配置。下面的章节将对每个设定做更详细的讲解。

1. 按拨轮键10秒钟进入蓝牙系统的配置菜单,直到听见语音提示"配置 菜单"

进入蓝牙系统配置菜单

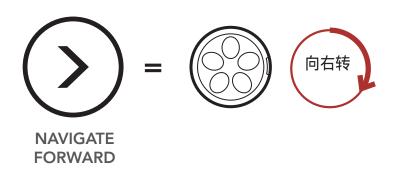




### "配置菜单"

2. 转动波轮键来进行选择。你可以听到每个菜单项目的语音提示。功 能列表会在蓝牙系统设置菜单中显示。

### 向前操作菜单项

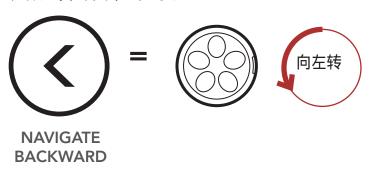




"菜单提示"



### 向后操作菜单项

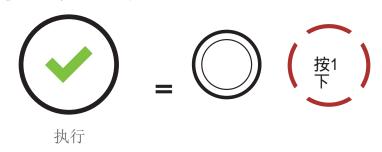




### "菜单提示"

### 3. 你可以按电话键执行命令

### 执行菜单选项



蓝牙系统配置菜单

顺时针或逆时针转动拨轮键	按一下电话键
删除所有配对	执行
与蓝牙遥控手柄配对	执行
通用内部对讲配对	执行
退出配置菜单	执行



# 3. 与其他蓝牙设备进行蓝牙配对

在第一次与其他蓝牙设备使用时,要进行"配对"。这可以让这些设备在一 定范围内识别和交流。

蓝牙系统可以和多个蓝牙设备进行配对,比如手机,MP3播放器, GPS或Sena SR1适配器。这要通过与手机配对,与第二个手机配对或者 与GPS导航配对。蓝牙系统还可以与最多其他三个Sena蓝牙系统进行配 对。

### 与最多三个蓝牙耳机配对

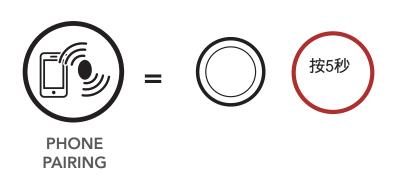


### 还可以与以下设备配对:



#### 手机 3.1

1. 按住电话键并持续5秒钟直到你听见一个语音提示"电话配对" 进入手机配对





"手机配对"

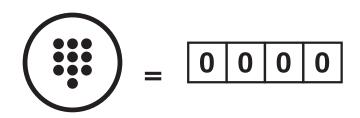




LED蓝红交替闪表示已发现 可用设备

LED 状态

- 2. 在与手机进行蓝牙配对时,在可用设备里选择Savage
- 3. 如果你的手机要求输入密码, 请输入 0000.



PIN 密码

- 3.2 与其他手机、GPS、MP3播放器或Sena S10适配器
- 1. 与第二个手机配对,按拨轮键5秒钟,然后按电话键。进入第二个手 机配对

进入第二个手机配对







**SECOND MOBILE** PHONE PAIRING



"内部对讲配对"









**EXECUTE** 



"与第二个手机配对"



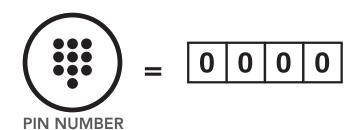


蓝灯闪表示已发现可用设

备。

**BLUETOOTH** LED STATUS

- 2. 在与手机进行蓝牙配对模式中,在手机列表中选择Savage
- 3. 如果手机要求输入密码,输入0000.



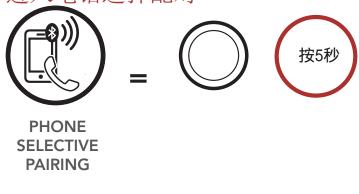
### 3.3 高级可选配对:免提或A2DP立体声

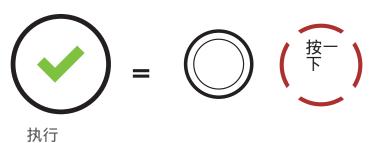
电话配对允许蓝牙系统建立两个蓝牙属性:免提或者A2DP立体声。高 级可选择配对允许蓝牙系统分离出两个属性来与两个设备连接。

### 3.3.1 电话选择配对-免提属性

1. 执行电话选择属性.

### 进入电话选择配对









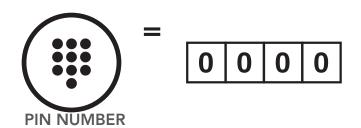
### "电话选择配对"



蓝灯闪表示发现可用设备

**LED STATUS** 

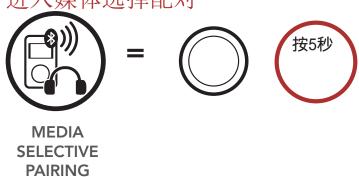
- 2. 与免提设备进行蓝牙配对模式,在列表中选择Savage
- 3. 如果要求密码,输入 0000.

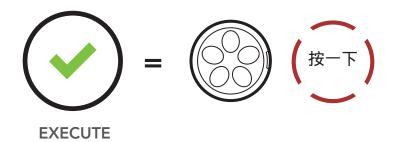


### 3.3.2 媒体选择配对- A2DP 属性

1. 执行媒体选择配对

### 进入媒体选择配对







"媒体选择配对"





**LED STATUS** 

- 2. 与A2DP设备进行蓝牙配对,在列表中选择Savage
- 3. 如果要求输入密码,输入0000.





# 4. 使用手机

#### 4.1 拨打和接听电话

### 接听/结束通话







ANSWER/ **END** 

### 注意:

- 你可以按拨轮键接听电话
- 你也可以按拨轮键2秒钟结束通话







**REJECT** 

## 语音拨号







SAVAGE Bluetooth® Open-face Helmet | 30

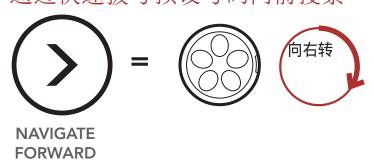


### 4.2 快速拨号

1. 进入快速语音拨号,按两下电话键。 进入快速拨号模式



2. 顺时针或者逆时针转动拨轮键进行搜索 通过快速拨号预设号码向前搜索



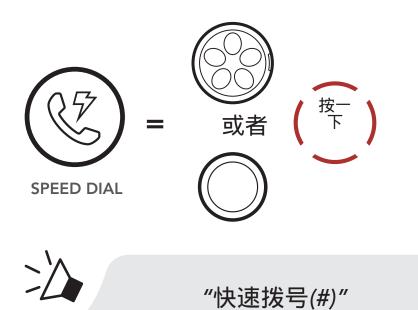
### 通过快速拨号预设号码往后搜索

**BACKWARD** 

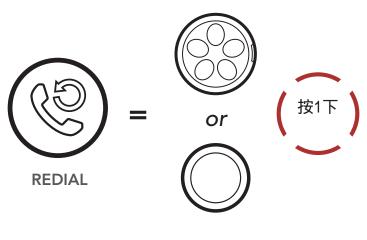




3. 拨打一个预设的快速拨号的电话, 当你听到提示"快速拨 号#"按拨轮键或者电话键拨打预设快速拨号电话拨打预设快速拨号电话



4. 重拨上一个电话, 在听到语音提示"重拨上一个电话"后按拨轮 键或电话键 重拨上一个电话





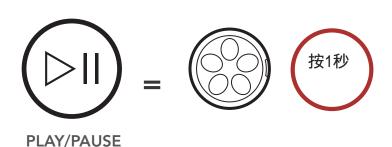
"重拨上一个电话"



# 5. 立体声音乐

### 5.1 用蓝牙设备播放音乐

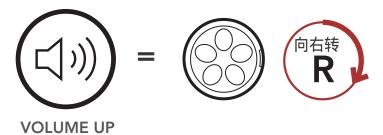
1. 拨打和暂停音乐,按住拨轮键一秒钟,听到两声提示音。播放/暂停音乐



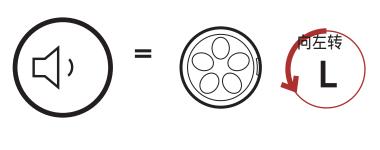


"[Beep, Beep]"

- 2. 调节音量, 转动拨轮键
- . 增加音量



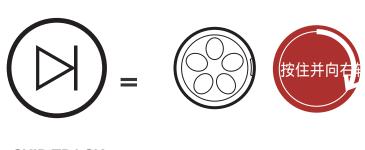
### 降低音量



VOLUME DOWN

3. 找前一首或后一首歌曲,按住拨轮键顺时针或逆时针转动。

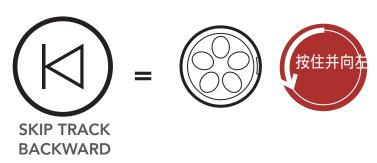
### 下一曲



SKIP TRACK FORWARD



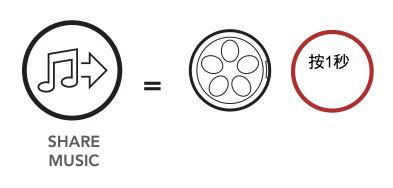




### 5.2 音乐分享

骑行时你可以跟内部对讲通话朋友分享你的在听音乐。开始或终止音乐分享,按拨轮键1秒钟回到内部对讲,直到听见双重提示音。你和你的 朋友都可以控制音乐的播放。

### 通话时和内部对讲朋友分享音乐





"[Beep, Beep]"

#### 音频增强(默认:关闭) 5.3

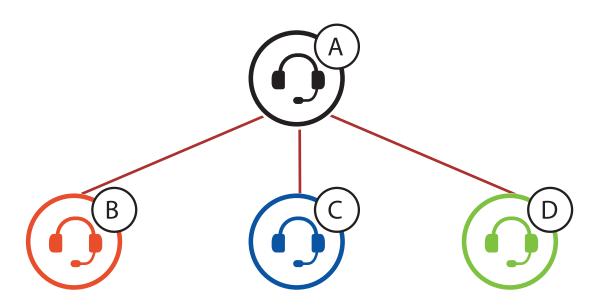
通过Sena设备管理器或者Sena智能手机APP的菜单设置中,可以找到音 频增强的设置开启音频增强功能,可以调大声音的最大量。关闭此功能,会降低声音的最大量,但是输出音会更和谐。



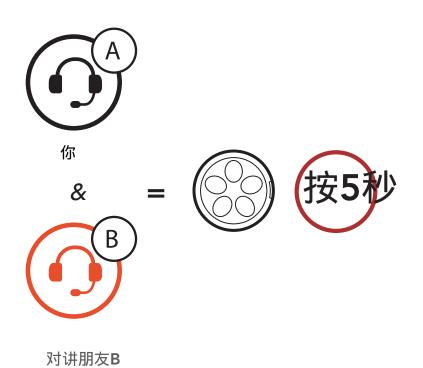
# 6. 内部对讲设置

#### 6.1 内部对讲配对

头盔可以跟最多其他三个人进行蓝牙内部对接通话。 跟内部通话朋友配对



1. 按住两个蓝牙系统的拨轮键5秒钟,直到听见"内部对讲配对" 和B内部对讲配对





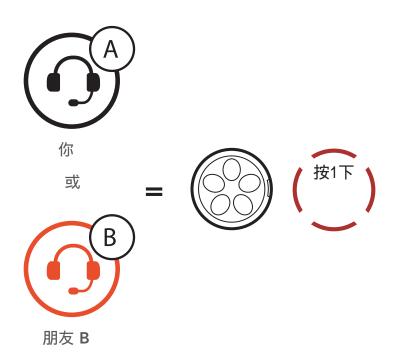
"内部对讲配对"

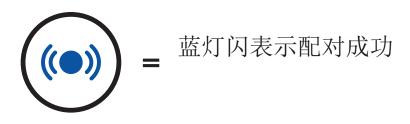


红灯闪代表发现可配对设备



2. 按下任意一个蓝牙系统的拨轮键,直到两个蓝牙系统的LED灯变蓝 按任意一个设备的拨轮键





3. 重复上述1和2步骤,跟朋友(B),(C),(D)进行内部对讲配对 后加入先通话



**LED STATUS** 



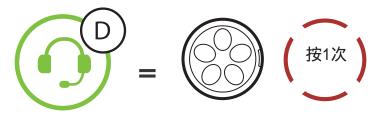




# 6.2 两方内部通话

你可以通过按一下拨轮键来开始或者结束一段内部通话 1. 内部通话朋友1: 按一次

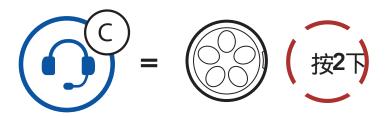
### 跟朋友1开始/结束内部通话



朋友1

2. 内部通话朋友2: 按两次

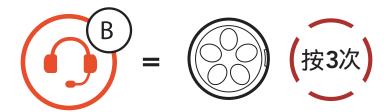
### 跟朋友2开始/结束内部通话



朋友2

3. 内部通话朋友3: 按3次

### 跟朋友3开始/结束内部通话



朋友3



## 6.3 多方内部通话

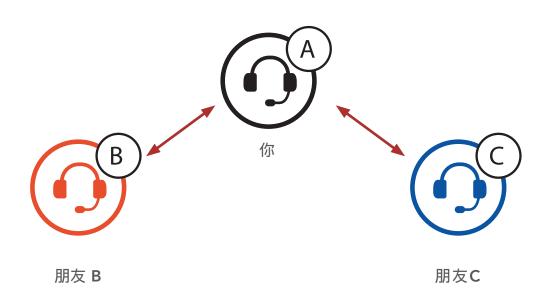
多方内部通话开启后可允许与最多三个内部通话朋友。当三方通 话进行时,蓝牙系统与手机的连接暂时断开。然而,多方通话结束后,与手机的连接自动恢复

### 6.3.1 开始三方会议通话

你(A)可以与其他两个朋友(B & C)同时建立内部通话的链接。

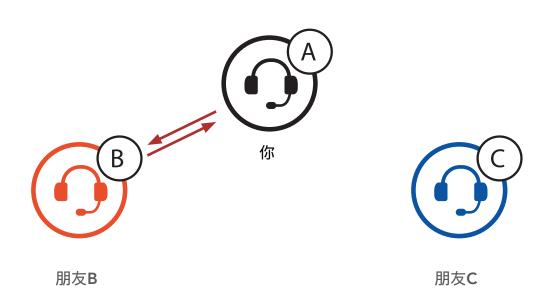
1. 跟蓝牙系统(B)和(C)配对,请参考1.6章"内部对讲配对"。

### 跟朋友 B & C进行配对通话



2. 跟两个朋友的其中一个进行内部通话。例如, 你(A)可以跟朋 友(B)进行内部通话,或者朋友(B)可以跟(A)进行内部通话。

### 跟朋友B进行内部通话

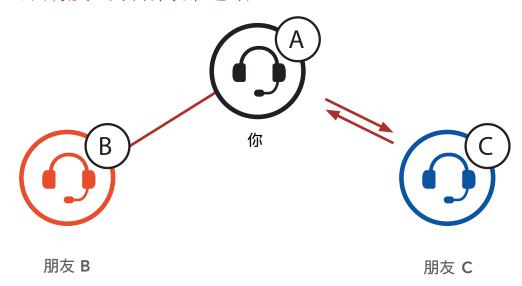




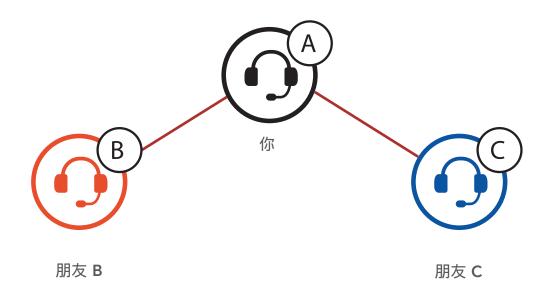
3. 然后, 你(A)可以跟邀请第二个内部通话朋友(C),或者(C)

可以通过邀请跟(A)内部通话来进行通话。

### 跟朋友C开始内部通话



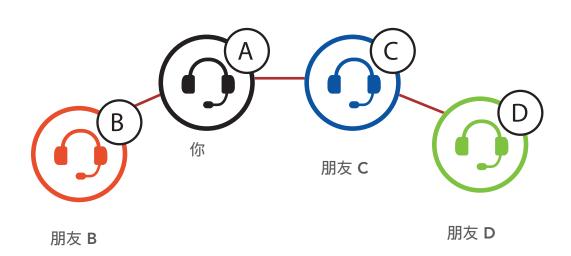
4. 现在A和其他两个内部通话朋友(B和C)形成了三方内部通话。 三方内部通话



# 6.3.2 开始四方内部通话

跟三个朋友建立起内部通话后,新朋友(D)可以申请 跟(B)或(C)内部对讲来建立四方内部通话。

## 开始四方内部通话





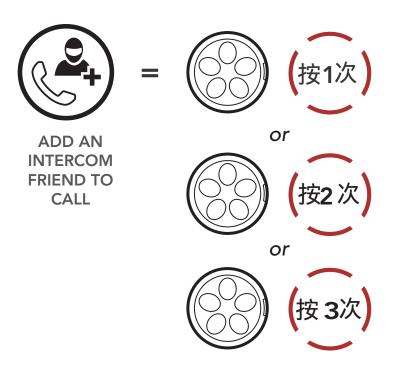
### 6.3.3 结束多方内部通话

- 1. 按拨轮键1秒钟结束所有的内部通话。
- 2. 按拨轮键结束第一个内部通话朋友。按两下拨轮键结束与第二个朋 友的通话。

#### 跟内部对讲朋友进行三方电话通话 6.4

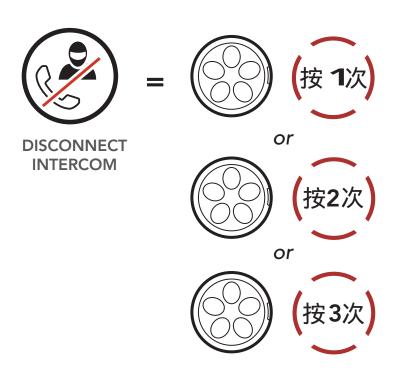
你可以邀请一个内部通话朋友加入电话通话,来实现三方会议电话通话。 1. 在进行手机电话通话时,按一下拨轮键邀请你的内部通话朋友加入到电 话通话中。

邀请内部通话朋友进入电话会议

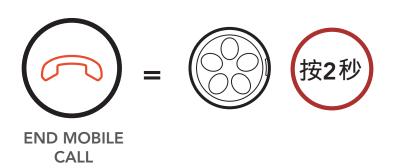




2. 在会议电话通话中,按拨轮键结束内部对讲。 在会议中切断内部通话



3. 在会议电话通话中, 按拨轮键两秒钟, 切断手机通话。 结束手机通话



注意: 当你在手机通话时有内部通话的邀请, 你会听到语音提示"要 求内部通话"

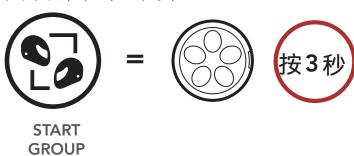
# 6.5 小组内部对讲

小组内部对讲可以跟最近配对连接的三个蓝牙耳机迅速建立多方内部对讲。

- 1. 与三个耳机进行小组内部对讲配对。
- 2. 按拨轮键3秒钟开始小组内部对讲。LED灯变紫色,你会听到语音提 示"小组内部对讲"



## 开始内部对讲





= LED灯变紫色闪烁





### "小组内部对讲"

3. 当所有蓝牙系统连接成功后, 你会听到"小组内部对讲已连接"



# "小组内部对讲已连接"

4. 结束小组内部对讲,按拨轮键1秒钟。你会听到语音提示"小组 内部对讲结束"

结束小组内部对讲







**END GROUP INTERCOM** 



"小组内部对讲结束"

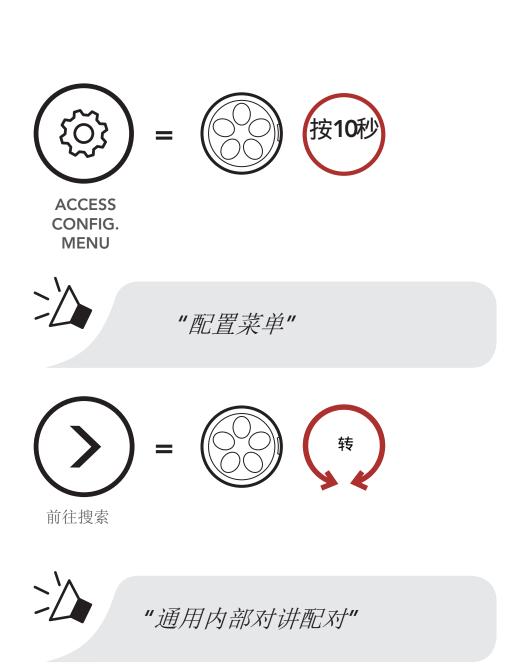
注意:如果接听电话,你需要按电话键结束小组对讲。



## 6.6 通用内部对讲

你可以跟非SENA蓝牙耳机配对进行通用内部对讲。但是每一 次只能跟一个非SENA蓝牙耳机配对。通话距离根据对方蓝牙 的情况。如果非蓝牙耳机跟Savage头盔配对连接,而另外一个 蓝牙设备通过与第二个蓝牙配对的方式连接,那么这个蓝牙设 备将会被中断。

1. 在蓝牙系统设置菜单中选择通用对讲模式。 进入蓝牙系统设置菜单的通用对讲模式

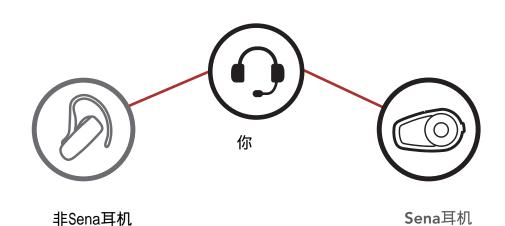


**EXECUTE** 

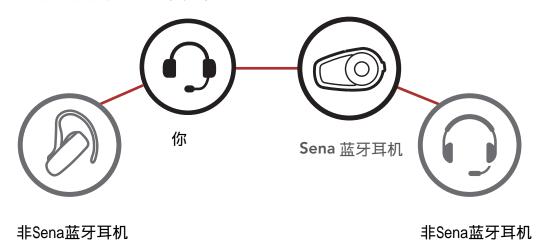
2. 将非蓝牙耳机进入配对模式。蓝牙系统将自动与非蓝牙耳机进行配 对。



3. 你可以通过一下方式,跟其中一个是非SENA蓝牙耳机最多三个朋 友, 进行双方内部通话或者多方内部通话 范例:三方通用内部通话



范例: 四方通用内部通话



#### 6.7 高清内部通话(默认:开启)

高清内部通话的设置在SENA设备管理器和SENA只能手机APP的 菜单中可以找到,高清内部通话可以让双方内部通话音质更好。如果进入多方内部通话,高清内部通话将被暂停使用。如果此功能禁止,双方内部通话将变成一般音质。

注意: 高清内部通话距离将比一般的内部通话距离短。



#### 高级除噪功能(默认:开启) 6.8

高级除噪设置可以在SENA设备管理器和SENA只能手机中进行设置。如 果高级除噪功能开启,在内部对讲时,背景噪音会减少。如果此功能关闭,在进行内部对讲时,背景噪音会跟你的声音混合在一起。

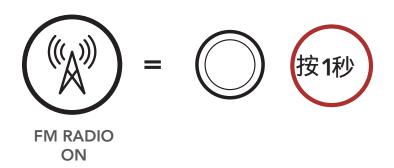


# 7. 使用 FM收音机

# 7.1 FM 收音机 开启/关闭

按电话键1秒钟打开或关闭FM收音机,你会听到双重提示音。

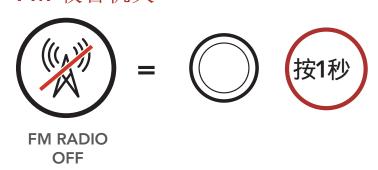
### FM 收音机开





"FM 开"

### FM 收音机关





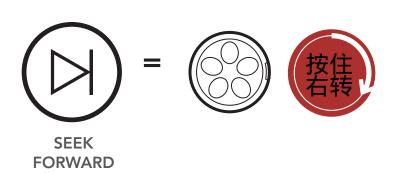
"FM 关"



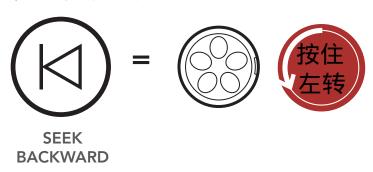
#### 搜索并保存收音机电台 7.2

- 搜索"功能是给收音机电台设置的。
- 1. 顺时针或逆时针按住并转动拨轮键来搜索电台。

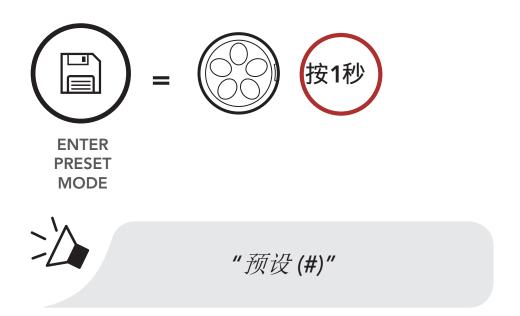
### 往前搜索电台



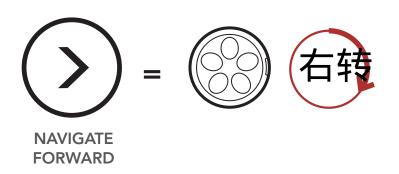
### 往后搜索电台



2. 保存当前电台,按住拨轮键1秒钟,直到你听到语音提示"预设(#)". 进入预设选择模式

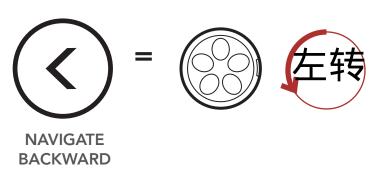


3. 转动拨轮键操控你想保存的预设电台序号 往前操作预设电台



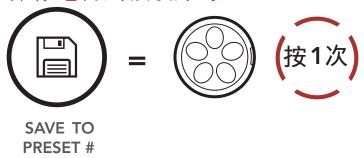


### 往后操作预设电台

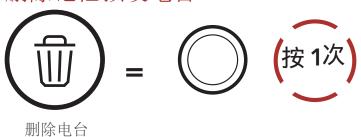


4. 按一下拨轮键来保存你选择的预设电台序号。或者,按一下电话键删除 记忆电台。

### 保存电台到预设序号



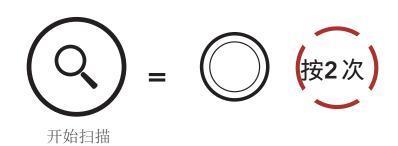
### 删除记忆预设电台



#### 扫描和保存收音机电台 7.3

扫描功能是自动来搜索电台的,开始于当前的电台频道,到最高。 1. 按两下电话键来扫描电台。

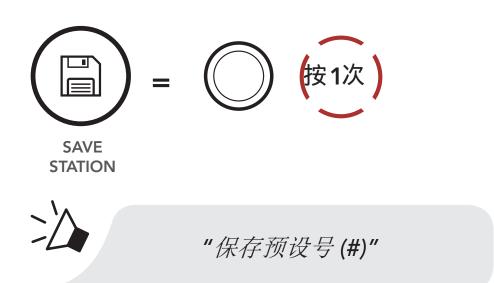
### 扫描和保存电台



2. Sena调谐器在每一个电台停留8秒钟,然后再移到下一个。

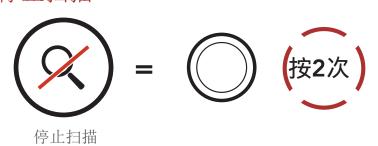


3. 按电话键保存当前的电台。电台将以下一个预设号码被保存。 保存当前电台



4. 按电话键停止扫描

### 停止扫描

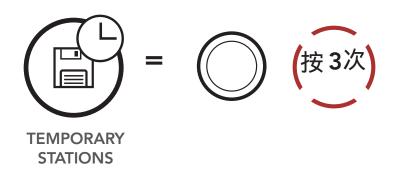


#### 临时电台预设 7.4

临时电台预设自动找寻和保存最近的10个电台,而不改变现在的预设电 台。

1. 按电话键三次,自动找寻和保存10个电台。

### 临时电台

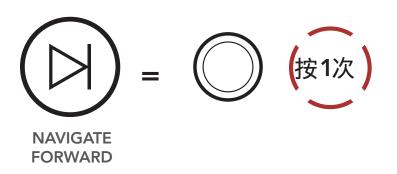


2. 当蓝牙系统再次开机,临时预设电台将被清除。



# 7.5 进入预设电台

用上述方法最多保存10个电台。按电话键来选择保存的电台 进入预设电台



## 7.6 地区选择

你可以通过SENA设备管理器和只能手机APP选择合适的FM频道。用地区 设置, 你可以化选择功能, 消除不可用的频道。

世界	76.0 ~ 108.0 MHz	± 100 kHz
美洲和澳洲	87.5 ~ 107.9 MHz	± 200 kHz
亚洲和欧洲	87.5 ~ 108.0 MHz	± 100 kHz
日本	76.0 ~ 95.0 MHz	± 100 kHz



### 7.7 电台数据系统转换(RDS AF)设置

RDS AF设置可以在Sena设备管理器和Sena智能APP菜单中可以找到。

当电台信号弱时, RDS AF开启的话, Sena电台接收器会重新调整。如 果RDS AF 关闭, 你只能手动搜索更强信号的电台。

## 7.8 FM电台引导(默认: 开启)

FM 电台引导设置可以在通过Sena设备管理器和智能APP的设置菜单中 找到。

当FM电台引导开启,根据你选择的预设电台,可以语音播报电台频 道。当FM电台引导功能关闭,FM频道德语音提示将不再播报你选择的 预设电台。



# 通用设置

#### 功能优先 8.1

蓝牙系统设置了下列连接的优先级

(最高的) 手机

内部对讲

通过蓝牙立体声音进行的音乐分享

FM 电台

(最低的) 蓝牙立体声音乐

低优先级功能会被高一级的功能中断。例如,立体声音乐将被内部对讲 中断, 而内部对讲价则会被手机来电中断

### 8.2 硬件升级

蓝牙系统支持硬件升级。可以用从Sena设备管理器升级硬件、请登 录sena.com检查最新的软件下载。

#### Click Here to Visit sena.com

#### 语音提示(默认:开启) 8.3

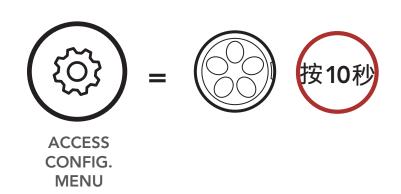
语音提示可以从sena设备管理器和sena智能APP中进行设置。如果语音 提示功能开启, 你可以听到语音提示各种功能。如果语音提示关闭, 将 不会再有语音提示各项功能,除了软件设置菜单、电池电量指示、快速 拨号和FM电台功能。



#### 删除所有蓝牙配对信息 8.4

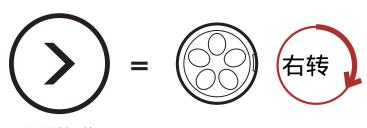
删除所有蓝牙配对信息设置可以在蓝牙系统配置菜单中找到。在菜单中按电话键,将删除所有蓝牙系统中的蓝牙配对信息。

进入蓝牙系统配对菜单中的删除所有配对





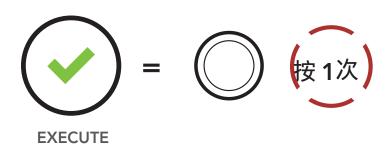
### "配置菜单"



往前转1格



### "删除所有配对"





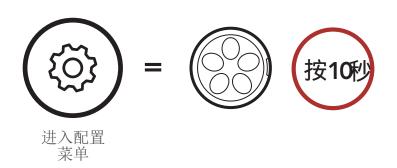
# 9. 遥控器

你可以使用sena蓝牙遥控设备对蓝牙系统进行遥控,比如说手柄遥控器或者RC4。这将不需要再用按键操作。

# 9.1 跟蓝牙遥控机配对

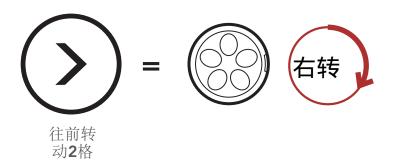
- 1. 打开蓝牙系统和遥控器
- 2.在蓝牙系统的配置菜单中执行遥控器配对。

进入蓝牙系统配置菜单中的遥控配对



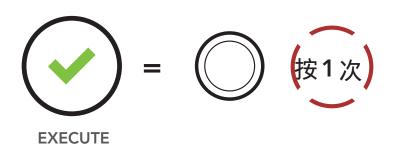


"配置菜单"





"与谣控器配对"





3. 进入与遥控设备配对模式。蓝牙系统将自动与遥控设备配对模 式。配对成功后你会听到语音提示,"与遥控器已连接"。

进入配对模式





"与遥控配对成功"



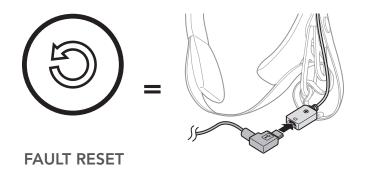
# 10. 故障排查

访问sena.com来解答常见问题。在线FAQ将处理使用Savage萨瓦赫头盔 的故障检查还有各种范例和实用技巧等。

# 10.1 错误重置

当蓝牙系统工作不正常时, 你可以重置机器。当USB连接线连接电源 时,系统将被自动关机,机器也将会被重置。

### 错误重置



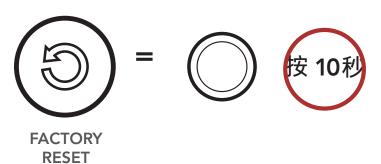
注意: 错粗重置将不会回到出厂设置。



# 10.2 回到出厂设置

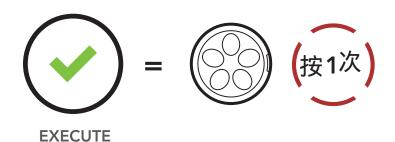
为清理所有设置,用回到出厂设置功能可实现。

### 进入出厂设置





"出厂设置"





# 11. 维护与保养

# 11.1 外壳

用略湿的软布拭擦外壳上的虫子尸体。

注意:不要用汽油、柴油、稀释剂或者溶解剂清洗头盔。这些物质会严重损伤头盔,即使这些损伤肉眼看不到。头盔的安全性将不能被保证。

# 11.2 Inner Lining

The inner lining of the helmet is completely removable. Its headliner can be washed by hand using mild soap at a maximum temperature of 30°C (86°F). Allow the lining to dry at room temperature.

# 11.3 Storing the Helmet

Store the helmet in a dry, dark, well-ventilated location, out of the reach of children and animals. Always position the helmet so that it cannot fall to the floor. Damage that occurs in this way is not covered by the warranty.



# **CERTIFICATION AND SAFETY APPROVALS**

# **FCC Compliance Statement**

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 on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antennae
- Increase the separation between the equipment and the 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.

# FCC RF Exposure Statement

The highest SAR value reported under this standard during product certification for use next to the head with the minimum separation distance of 20mm is 0.27W/Kg. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

This product is compliance to FCC RF Exposure requirements and refers to FCC website https://apps.fcc.gov/oetcf/eas/reports/GenericSearch.cfm search for FCC ID: S7A-SP49

### **FCC Caution**

Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

# **CE Declaration of Conformity**

This product is CE marked according to the provisions of the R&TTE Directive (2014/53/EU). Hereby, Sena declares that the radio equipment type SP49 is in compliance with Directive 2014/53/EU. For further information, please consult **www.sena.com**. Please note that this product uses radio frequency bands not harmonized within EU. Within the EU this product is intended to be used in Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg,



The Netherlands, Portugal, Spain, Sweden, United Kingdom and within EFTA in Iceland, Norway and Switzerland.

This device can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.

RF Range: 2402 ~ 2480 MHz

Max Output Power(E.I.R.P.): 17.87 dBm

# **Industry Canada Statement**

This radio transmitter (identify the device by certification number) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables auxappareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre lefonctionnement.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. Son fonctionnement est soumis aux deux conditions suivantes:

- (1) Cet appareil ne doit pas créer d'interférences préjudiciables.
- (2) Cet appareil doit accepter toute interférence reçue, y compris celles causant un fonctionnement indésirable.

# Industry Canada RF Exposure statement

The EUT is compliance with SAR for general population / uncontrolled exposure limits in IC RSS-102 and had been tested in accordance with the measurement methods and procedures specified in IEEE1528.

This equipment should be installed and operated with minimum distance 1cm between the radiator and you body. This device and its antenna(s) must not be colocated or operating in conjunction with any other antenna or transmitter.

Cet appareil est conforme aux limites d'exposition DAS incontrôlée pour la population générale de la norme CNR-102 d'Industrie Canada et a été testé en conformité avec les méthodes de mesure et procédures spécifiées dans IEEE1528. Cet appareil doit être installé et utilisé avec distance minimale de 1 cm entre l'émetteur et votre corps, Cet appareil et sa ou ses antennes ne doivent pas être colocalisés ou fonctionner en conjonction avec tout autre antenne ou transmetteur.



### **Bluetooth License**

The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Sena is under license. Other trademarks and trade names are those of their respective owners.

The product is compliant with and adopts the Bluetooth® Specification 4.1 and has successfully passed all interoperability tests that are specified in the Bluetooth® specification. However, interoperability between the device and other Bluetooth®enabled products is not guaranteed.

# WEEE (Waste Electrical and Electronic Equipment)



The crossed-out wheel bin symbol on the product, literature, or packaging reminds you that all electrical and electronic products, batteries, and accumulators must be taken to separate collection at the end of their working life. This requirement applies to the European Union and other locations where separate collection systems are available. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please do not dispose of these products as unsorted municipal

waste, but hand it in at an official collection point for recycling.

# **Helmet Certification**

This product conforms to the ECE 22.05 (Europe) helmet safety standards as defined by the Economic Commission for Europe. This certification applies to all countries of the European Union and all countries that recognize the ECE standard. The type approval label can be affixed to the retention system (regulation ECE 22.05 adopted in Europe and some other non-European States).

This product conforms to the DOT FMVSS 218 (US) helmet safety standards as defined by the United States Department of Transportation Federal Motor Vehicle Safety Standard. This certification applies to the United States of America. The type approval label can be affixed permanently to the outside of the helmet (United States, Argentina, Australia and others).

Do not remove or attempt to remove the type approval label from the helmet. Do not affix type approval labels of unknown origin to the helmet. These are more than likely counterfeit labels. It is against the law to affix counterfeit labels to helmets. If you are in any doubt over the origin of the type approval label affixed to your helmet contact Sena directly, and not your dealer.



# LIMITED PRODUCT WARRANTY **DISCLAIMERS, AND LIMITATIONS**

# **Limited Warranty**

### **Limited Warranty**

Sena Technologies, Inc. ("Sena") guarantees the product quality based on the technical specification stated in the product manual, and data regarding product warranty. Here, product warranty extends to the product only.

### **Warranty Period**

Sena warrants that this product shall conform to and perform in accordance with published technical specifications and the accompanying written materials, and shall be free of defects in materials and workmanship, for a period of five (5) years for the helmet and two (2) years for the electronic parts from the date of purchase by the first consumer purchaser of the Product.

#### **Termination**

Quality warranty of the product becomes effective on the date of initial purchase. In addition, the quality warranty of the product expires when the warranty period expires. However, in the following cases, the warranty will be terminated prematurely.

- In the event the product has been sold or transferred to a third party.
- In the event the manufacturer's name, serial number, product label, or other markings have been modified or removed.
- In the event any unauthorized person has tried to disassemble, repair, or modify the product.

#### **Notice and Waiver**

By buying and using this product, you relinquish considerable legal rights including any claim for compensation for damages. Therefore, be certain to read and understand the following terms and conditions before using the product. Use of this product will constitute consent to this agreement, and forfeiture of rights to all claims. If you do not consent to all the terms and conditions of this agreement, return the product for a refund.

- 1. You must completely understand and accept all risks (including those occurring due to any careless behavior of yours or others) which may occur during the use of this product.
- 2. You are responsible for ensuring that your medical condition permits usage of the product and that you are in sufficient physical condition for using any device which can be used with it. In addition, you must ensure that the product does not limit your abilities and that you are able to use it safely.
- 3. You must be an adult who can take responsibilities for using the product.
- 4. You must read and understand the following warnings and alerts:
  - Sena, together with employees, managers, partners, subsidiaries, representatives, agents, supporting firms and suppliers, sole sellers of Sena (collectively referred to as "the company") recommend that, before using the



- product and similar devices of any brands including its derivative models, you collect any relevant information in advance and be entirely prepared in terms of weather, traffic situation, and road conditions.
- When you use the product, use good judgment; never use it under the influence of alcohol.
- 5. You must read and completely understand all terms and conditions of legal rights and warnings that are involved in using the product. In addition, usage of the product constitutes acceptance of all terms and conditions regarding waiver of rights.
- 6. You must completely understand that this warranty does not apply to any helmet that has been subject to any accident, misuse, abuse (intentional or otherwise), negligence, tampering, modifications or improper maintenance. In addition, fluorescent paints used in certain models of Sena helmets are not covered by this Warranty and may fade or degrade with the passage of time and the exposure of the helmet to the environmental elements. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE LIMITED WARRANTY EXPRESSLY SET FORTH IN THIS MANUAL, AND ANY IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY EXPRESSLY DISCLAIMED. NO DEALER HAS THE RIGHT TO MODIFY THE TERMS AND DISCLAIMERS SET FORTH HEREIN.

# **Warranty Exclusions**

### **Reasons for Limited Liabilities**

If you do not return the product after purchasing it, you relinquish all rights to liabilities, loss, claims, and claims for reimbursement of expenses (including attorney's fees). Therefore, Sena will not be liable for physical injury, death, or any loss or damage of transportation means, possessions, or assets which belong to you or third parties that may have occurred while you use the product. Further, Sena will not be liable for any substantial damage not related to the condition, environment, or malfunction of the product. All risks related with the operation of the product depend entirely on the user regardless of its use by the initial purchaser of a third party.

Use of this product may violate local or national laws. In addition, be aware once again that correct and safe use of the product is entirely your responsibility.

# **Limitation of Liability**

TO THE FULL EXTENT ALLOWED BY LAW, SENA EXCLUDES FOR ITSELF AND ITS SUPPLIERS ANY LIABILITY, WHETHER BASED IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY KIND, OR FOR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, PERFORMANCE, FAILURE, OR INTERRUPTION OF ITS PRODUCTS, EVEN IF SENA OR ITS AUTHORIZED RESELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND LIMITS ITS LIABILITY TO REPAIR, REPLACEMENT, OR REFUND OF THE PURCHASE



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### Liabilities Disclaimer

In addition to damages which may occur due to the use of the product, Sena will not be liable for damages of the product which occur due to the following events.

- In the event the product is misused or used for purposes other than its intended purposes.
- In the event the product is damaged because the user does not follow the content of the product manual.
- In the event the product is damaged because it has been left unattended or has undergone any other accident.
- In the event the product is damaged because the user has used any parts or software which are not provided by the manufacturer.
- In the event the product is damaged because the user has disassembled, repaired, or modified it in such way as is not explained in the product manual.
- In the event the product is damaged by a third party.
- In the event the product is damaged due to Acts of God (including fire, flood, earthquake, storm, hurricane or other natural disaster).
- In the event the surface of the product is damaged by use.

# **Warranty Service**

To obtain product warranty service, send the defective product, at your expense, to the manufacturer or the seller along with proof of purchase (a receipt that shows the purchase date, a product registration certificate of the Website, and other relevant information). Take necessary measures to protect the product. In order to get a refund or replacement, you must include the whole package as it was purchased. Sena will provide free-of-charge repair or replacement service for the product when product defects occur within the scope of the product warranty during the warranty period.



# SENA

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