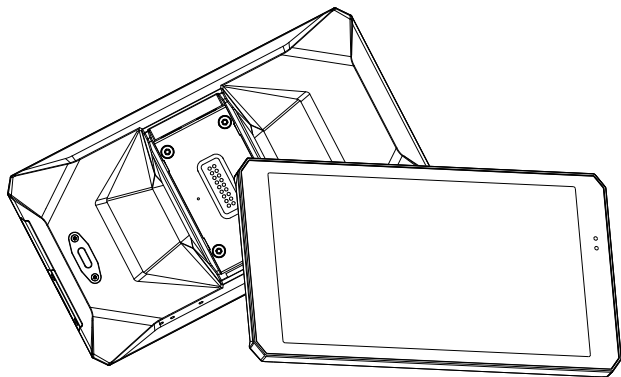




R7M

7-Inch Display for BMW

User Manual v1.0

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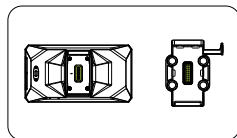
目录



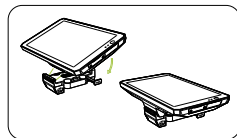
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01 / Quick Start

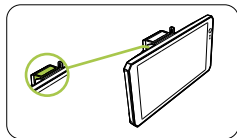
(快速开始)



1. Check Your BMW Navigation Cradle
检查您的BMW导航底座



2. Install the R7M
安装R7M



3. Check Installation
检查安装

The R7M is a 7-inch display designed exclusively for BMW motorcycles. Simply insert it into the BMW Navigation Cradle and lock it in place with the BMW key—it's that easy. Powered directly by the BMW Navigation Cradle, the R7M turns on automatically when the motorcycle is started. Once powered on, it connects via CarPlay or Android Auto to mirror your phone's screen, allowing you to enjoy navigation, music, and other supported apps with ease.

R7M是一款专为BMW摩托车设计的7英寸显示器。您只需将其插入BMW导航底座，并用BMW钥匙锁紧，即可开始使用，操作非常简单。R7M由BMW导航底座直接供电，在您启动车辆时会自动开机。启动后，通过CarPlay或Android Auto连接，将您的手机投屏到R7M上，轻松使用导航、音乐等支持的应用程序。

1. Make sure your BMW Navigation Cradle is a genuine OEM cradle.
确保您的BMW Navigation Cradle是正版原厂底座。

2. Insert the R7M into your BMW Navigation Cradle until it clicks securely. Turn the BMW key to lock the R7M securely in the cradle.
将R7M插入BMW导航底座，直至听到卡扣声并牢固固定。使用BMW钥匙将R7M牢牢锁紧在底座上。

3. Gently push and pull the R7M to ensure it is firmly seated and stable.
轻轻推动或拉动R7M，确保设备安装牢固且稳定。

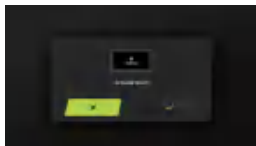
There is a USB-C port on the back of the unit. You can remove the screws and power it using a 5V 2A USB-C to USB-A cable. Please make sure the screws and waterproof gasket are fully tightened afterward, otherwise water may enter the display and this will not be covered under warranty. A screwdriver and USB cable are not included.

主机背部配有一个USB-C接口。您可以拧开螺丝，通过5V 2A的USB-C转USB-A线缆为设备供电。请务必在连接完成后重新拧紧螺丝并压紧防水胶条，否则可能导致屏幕进水，且不在保修范围内。包装内不提供螺丝刀和USB线缆。

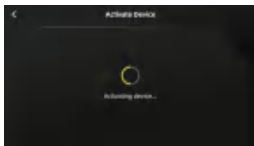
02 / Device Activation (设备激活)



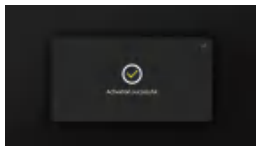
①



②



③



④

① Enter Activation Interface

When the device starts, go to the activation page and tap **Connect** to begin.

设备开机后，进入激活界面，点击**立即连接**，连接至网络。

② Confirm to Activate

The system will pop up a prompt asking if you want to activate now. Select **Yes** to continue.

系统会弹出提示，询问是否立即激活，选择**确认**继续。

③ Activation in Progress

The device will automatically complete the activation process. This may take a short while.

设备会自动完成激活流程，请稍候片刻。

④ Activation Completed

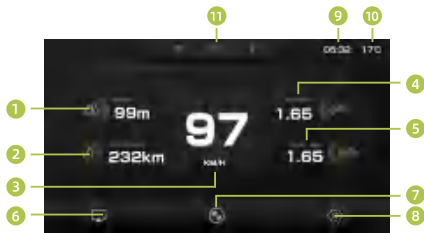
A confirmation screen will appear once the device is successfully activated.

激活成功后，界面会显示确认提示。

Tip / 提示

If activation fails, try connecting to your phone's hotspot or another Wi-Fi network.
如提示激活失败，请尝试更换为连接手机热点或其他 Wi-Fi 网络。

03 / User Interface Overview (界面介绍)



Homepage Overview (主页界面说明)

① Altitude 海拔

Displays the current altitude of your location.

显示当前位置的海拔高度。

② Driving Range 小计里程

Indicates the estimated remaining distance the vehicle can travel.

显示车辆预计还能行驶的里程。

③ Speed 车速

Shows the real-time riding speed.

实时显示当前骑行速度。

④ Front Tire Pressure 前轮胎压

Monitors the front tire pressure in real time.

实时监测前轮胎压情况。

⑤ Rear Tire Pressure 后轮胎压

Monitors the rear tire pressure to ensure safe riding.

监测后轮胎压，保障骑行安全。

⑥ Screen Casting 投屏模式

Enter the screen casting mode to project navigation and apps from your phone.

进入投屏模式，可将手机的导航和应用投射到屏幕上。

⑦ Dashboard 仪表界面

Switch to the main dashboard display showing speed, RPM, tire pressure, and more.

切换至仪表界面，显示速度、转速、胎压等信息。

⑧ Settings 设置

Open the settings menu to configure system options, connectivity, and preferences.

进入设置菜单，可调整系统选项、连接方式及个性化偏好。

⑨ Time 时间

Displays the current system time.

显示当前系统时间。

⑩ Temperature 温度

Shows the ambient temperature around the vehicle.

显示车辆周围的环境温度。

⑪ GPS/WiFi/Bluetooth Status

GPS/WiFi/蓝牙连接状态

Indicates the status of GPS signal and Bluetooth connection.

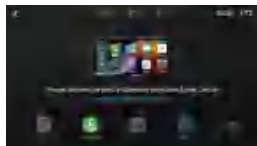
显示当前 GPS、WiFi 与蓝牙的连接状态。

03 / User Interface Overview (界面介绍)

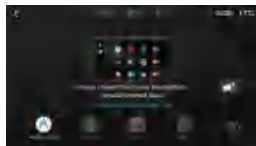
Wireless Mirroring (无线投屏)

R7M supports multiple wireless screen mirroring protocols, allowing you to project smartphone navigation, music, and calls directly onto the dashboard. Depending on your region and system settings, different mirroring options will be available.

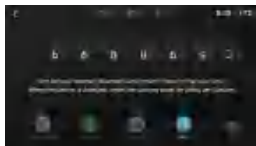
R7M 支持多种无线投屏协议，用户可将手机中的导航、音乐和通话功能直接映射到仪表界面。不同地区和系统设置下，投屏方式可能有所不同。



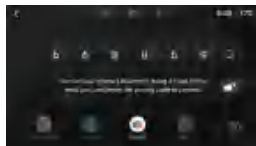
 CarPlay



 Android Auto



 HiCar



 Carlink

CarPlay

Connect your iPhone via Bluetooth to activate Apple CarPlay, allowing seamless access to navigation, calls, music, and messages directly on the screen.

iPhone手机通过蓝牙连接至R7M，将启用Apple CarPlay，在屏幕上无缝使用导航、通话、音乐和消息等功能。

HiCar

Enable Huawei HiCar by connecting your Huawei phone via Bluetooth. Once the device is detected, enter the pairing code for first-time verification.

开启华为手机蓝牙靠近车机后可启用 HiCar，首次连接时需输入配对码进行验证。

Android Auto

Pair your Android device with the system via Bluetooth to enable Android Auto. Enjoy voice-assisted navigation, media playback, and communication features safely while riding.

通过蓝牙连接安卓设备即可启用 Android Auto，实现语音导航、媒体播放及通讯等功能，骑行更安全。

Carlink

Activate Carlink by pairing your smartphone via Bluetooth. Enter the matching code to establish a stable and secure connection. Through Bluetooth connection of the smartphone, you can activate Carlink, enter the pairing code to complete a safe and stable connection.

03 / User Interface Overview (界面介绍)



Dashboard Overview (仪表总览)

① RPM (转速)

Displays engine revolutions per minute.
显示发动机当前转速。

② Battery Voltage (电瓶电压)

Shows the current voltage of the battery.
显示电瓶当前电压值。

③ Engine Temperature (发动机水温)

Indicates real-time engine coolant temperature.
显示实时发动机冷却液温度。

④ Speed (时速)

Displays current vehicle speed in km/h.
显示当前车速 (km/h)。

⑤ Lean Angle (倾角)

Shows the motorcycle's current lean angle.
显示车辆当前倾斜角度。

⑥ Front Tire Pressure (前轮胎压)

Monitors the pressure of the front tire.
监测前轮胎的实时胎压。

⑦ Rear Tire Pressure (后轮胎压)

Monitors the pressure of the rear tire.
监测后轮胎的实时胎压。

⑧ Altitude (海拔高度)

Displays current riding altitude.
显示当前骑行的海拔高度。

⑨ Odometer (总里程)

Shows the accumulated riding distance.
显示累计骑行里程。

⑩ Remaining Range (续航里程)

Estimates remaining distance that can be traveled.
显示预计剩余可骑行里程。

⑪ Maintenance Reminder (保养提示)

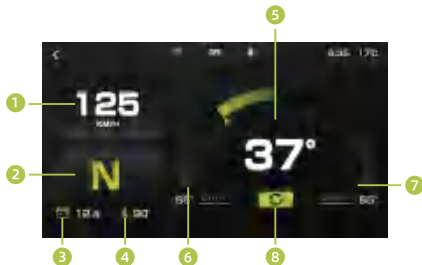
Displays countdown to next maintenance (in days).
显示距离下次保养的剩余天数。

⑫ Gear (档位)

Displays the current gear position.
显示当前档位。

03 / User Interface Overview

(界面介绍)



Lean Angle Display (倾角显示)

① Speed (时速)

Shows real-time speed in km/h.
显示实时车速 (km/h)。

② Gear Position (档位)

Indicates the current gear
(N = Neutral).
显示当前档位 (N 表示空挡)

③ Battery Voltage (电瓶电压)

Displays current battery voltage.
显示当前电瓶电压。

④ Engine Temperature (发动机水温)

Indicates the engine coolant temperature.
显示发动机冷却液温度。

⑤ Current Lean Angle (当前倾角)

Shows the motorcycle's present lean angle.
显示车辆实时倾角。

⑥ Max Lean Angle Left (最大左倾角)

Records the maximum lean angle reached on the left.
记录历史最大左倾角。

⑦ Max Lean Angle Right (最大右倾角)

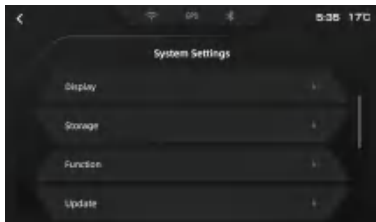
Records the maximum lean angle reached on the right.
记录历史最大右倾角。

⑧ Reset Button (重置按钮)

Press to reset maximum lean angle records.
按下后可重置最大倾角记录

We cannot guarantee that any data will be displayed on the R7M, as all data is retrieved from your BMW. Take Lean Angle data as an example: If your BMW is not equipped with an incline sensor, the data cannot be transmitted to the R7M. Even if your BMW has such a sensor, transmission may still fail due to restrictions in BMW's communication protocol—and we are unable to make any adjustments to address this issue. 我们无法保证任何数据都能显示在 R7M 上，因为所有数据都来自您的宝马。以倾斜角度数据为例：如果您的宝马没有配备倾斜传感器，则无法将数据传输到 R7M。即使您的宝马配备了这样的传感器，由于宝马通信协议的限制，传输仍然可能失败——我们无法做出任何调整来解决这个问题。

04 / System Settings (系统设置)



Display 显示

Adjust screen brightness and enable automatic brightness.

调节屏幕亮度，并启用自动亮度功能。

Update 系统更新

Upgrade to the latest system version for better performance (SD card required).

升级到最新系统版本，以获得更好的性能(需要SD卡)。

About 关于

View device serial number, software version, and Bluetooth information.

查看设备序列号、软件版本及蓝牙信息。

Storage 存储

Check available space on the SD card and format it when necessary.

检查 SD 卡的可用空间，并在必要时进行格式化。

Language 语言

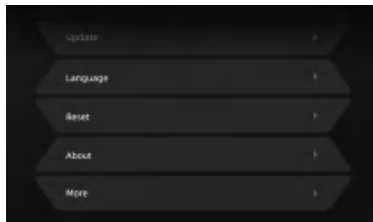
Choose and set your preferred system display language.

选择并设置您偏好的系统显示语言。

More 更多

Access additional settings and options.

查看更多设置和选项。



Functions 功能

Access key features such as time, TPMS, Bluetooth headset, GPS and action camera control.

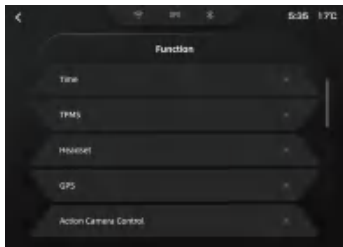
进入功能选项，包括设置时间、胎压监测、蓝牙耳机、GPS和运动相机控制。

Reset 重置

Restore factory settings and clear all custom configurations.

恢复出厂设置并清除所有自定义配置。

05 / Functions (功能)



Functions (功能)

Time 时间

Set the time format, select the time zone, and synchronize the time via GPS for precise accuracy.

设置时间格式、选择时区，并通过GPS自动同步时间。

TPMS 胎压

Monitors front and rear tire pressure in real time, with alerts for abnormal values to ensure safety. Compatible with BMW original tire pressure sensors.

实时监控前后胎压，出现异常值时会发出警报，确保行车安全。兼容宝马原厂胎压传感器。

Bluetooth Headset 蓝牙耳机

Connects to Bluetooth headsets for navigation voice prompts, music playback, and phone calls, making your ride smarter and more convenient.

可连接蓝牙耳机，实现导航语音播报、音乐播放及通话功能，让您的骑行更智能、更便捷。

GPS

Displays real-time satellite signal strength.

实时显示卫星信号强度。

Action Camera Control 运动相机控制

Control the action camera directly through the system for easy video capture while riding.

通过系统直接控制运动相机，轻松捕捉骑行中的视频。

06 / Wonder Wheel Control (原车旋钮控制)

With the combined use of the control wheel and buttons, you have full control over the system: browse and confirm apps in Link Mode, switch songs, pause or resume playback, answer or reject calls with ease, and quickly switch between screens. This ensures smooth operation across entertainment, navigation, and communication while keeping your focus on the road.

借助拨轮与按键的灵活组合，您可以实现全面的车机控制：在投屏模式中快速浏览与确认应用，音乐播放时自由切换曲目、暂停或继续；来电时可一键接听或挂断；同时还支持屏幕的快速切换。无论是娱乐、导航还是通讯，都能在骑行过程中保持专注与流畅体验。



Control Switching (控制切换)

Long-press the MENU button to switch control between R7M and the motorcycle instrument cluster.

长按MENU上键切换R7M,短按MENU下键切换摩托车仪表



Projection Mode (投屏模式)

"↕" Wheel up/down: Select apps
拨轮上/下：切换应用

"⇄" Long tilt left/right: Select apps / Switch screens
左右长拨：切换应用 / 切换仪表

Navigation / 系统导航

"↶" Left tilt: Back
左拨：返回

"↷" Right tilt: Confirm
右拨：确认

Calls & Media / 通话与媒体

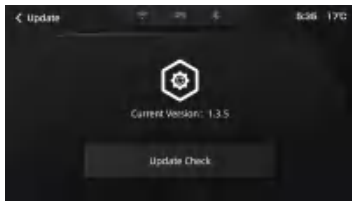
"↷" Right tilt: Answer call / Play-Pause
右拨：接听电话/播放-暂停

"↶" Left tilt: Hang up
左拨：挂断电话

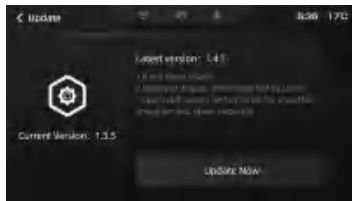
07 / System Update (系统更新)

To ensure stable performance and access to the latest features, R7M supports firmware updates. Please follow the steps below:

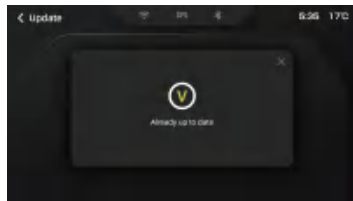
为确保设备持续稳定运行并获取最新功能，R7M 支持系统固件更新。请按照以下步骤操作：



①



②



③

1. Check for Updates

Go to Settings > System Update and tap Check for Updates. The system will automatically detect if a new version is available.

进入 设置 > 系统更新，点击 检查更新，系统会自动检测是否有新版本可用。

2. Download and Install

If a new version is found, tap Update Now to start the download. After downloading, R7M will automatically install and restart.

Please make sure the device has sufficient power during the update.
如果发现新版本，点击 立即更新 开始下载。下载完成后，R7M 会自动安装并重启，请保持设备在升级过程中电量充足。

3. Update Complete

Once the installation is finished, the system will confirm that the update was successful. If the device shows it's already up to date, no further action is needed.

安装完成后，系统将提示升级成功。如果提示已是最新版本，则无需进一步操作。

Note: An SD card is required for OTA updates.

注意：OTA更新需要插入SD卡

※ In Case of Failure

If the update fails due to power loss or SD card issues, please contact customer support for further assistance.

如果由于断电或 SD 卡问题导致更新失败，请联系客服支持以获得进一步帮助。

08 / Specifications (参数)

Dimensions/ 尺寸	185.7 x 102 x 36 mm
Display/ 显示屏	7-inch, 1280 x 720 IPS
Weight / 重量	382g
Waterproof Rating / 防水等级	IP69K
Operating Voltage/ 工作电压	12~18V DC, 5V DC
Operating Temp/ 工作温度	-20~60°C
RAM / 运行内存	2Gbit
WLAN:	2.4/5G
Bluetooth / 蓝牙	5.0

09 / After-Sale Service (售后服务)

在三包有效期内，您可以依据相关法规免费享受退货、换货和维修服务。售后服务需凭有效购买记录或发票办理。

Within the warranty period, you are entitled to free returns, exchanges, and repairs in accordance with relevant regulations. To receive these services, please present a valid purchase receipt or invoice.

1. Returns without reason within 7 days must be shipped at the customer's expense.
7日内无理由退货的情况，运费由用户自行承担。
2. If a product is confirmed to have a defect listed in the "Product Performance Failure Table", free repair or replacement service will be provided.
若产品经检测确认存在《产品性能故障表》中所列的故障问题，可免费享受维修或更换服务。

Product Performance Failure Table 产品性能故障表	
Performance Failure (性能故障)	
1. Device fails to power on 设备无法开机	2. Abnormal screen display 屏幕显示异常

Warranty Terms 保修条款	
Service Type 服务类型	Coverage Details 服务内容
Return 退货	Within 7 days of activation, eligible for return or exchange due to product quality issues. 自激活之日起7天内，如因产品质量问题，可申请退货或换货。
Exchange 换货	Within 15 days of activation, eligible for exchange due to product quality issues. 自激活之日起15天内，如因产品质量问题，可申请换货。
Repair 维修	Within 365 days of activation, eligible for free repair for product quality issues. 自激活之日起365天内，如因产品质量问题，可享受免费维修服务。

09 / After-Sale Service

(售后服务)

Non-Warranty Regulations 非保修条例

1. Damage due to unauthorized actions

Repairs, misuse, negligence, abuse, impact, liquid ingress, accidents, disassembly, or improper use of accessories without authorization.

未经授权的维修、误用、碰撞、疏忽、滥用、进液、事故、改动、不正确地使用配件。

2. Expired warranty period

The warranty period has expired.
已超过三包有效期。

3. Force majeure

Damage caused by force majeure.
因不可抗力因素造成的损坏。

4. Unlisted failures

Issues not covered under the "Product Performance Failure Table."
不符合产品性能故障表所列性能故障的情况。

5. User-caused issues

The performance failures listed in the "Product Performance Failure Table" were caused by human factors.
因人为因素导致本产品产生产品性能故障表所列性能故障。

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执行标准：



FCC Warning:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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 complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.