

表单编号: DOT-QR-TS-0018	德沃康科技集团有限公司 DewertOkin Technology Group Co., Ltd.	 DEWERT OKIN
版本: 2.0	说明书/Specification	Page 1 of 4

FP.28.02.01

一、设计变更历史/Design Change History

日期/Date	版本号 /VERSION	变更说明/Change Description	责任人 /Person Responsible
2025. 02. 14	V0	初稿/First Draft	应东伟/Ying Dongwei

二、测试配件/ Test Accessories

名称/Name	代码/Code	数量
控制盒/Control Box	CB. 27. 42. 10 改 (专用) /CB. 27. 42. 10Change (Dedicated)	1
AC 线/AC line	R5. 506. 01. 250	1
电源适配器/The Power Adapter	JLDP. 10. 023. 000	1
DC 延长线/DC Extension Cable	R5. 217. 01. 012	1
喇叭/Speaker	FP. 06. 03. 01 (黑白线) / (Black and white line)	1
喇叭/Speaker	FP. 06. 03. 03 (黑红线) / (Black and Red line)	1
右声道喇叭延长线/Right channel speaker extension cable	R12. 202. 01. 070	1
左声道喇叭延长线/Left speaker extension cable	R12. 202. 01. 071	1
振子/vibrator	MM. 03. 01. 01	4
头部振子延长线/Head oscillator extension cable	R12. 202. 01. 084	2
脚部振子延长线/Foot oscillator extension cable	R12. 202. 01. 083	2

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批准/日期 Confirmed by/Date

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8pin 连接线/8-pin connecting wire	R12. 205. 01. 001	1
U 盘(内含一首歌曲)/USB flash drive (containing one song)		1

三、 测试连接图 /Test Connection Diagram

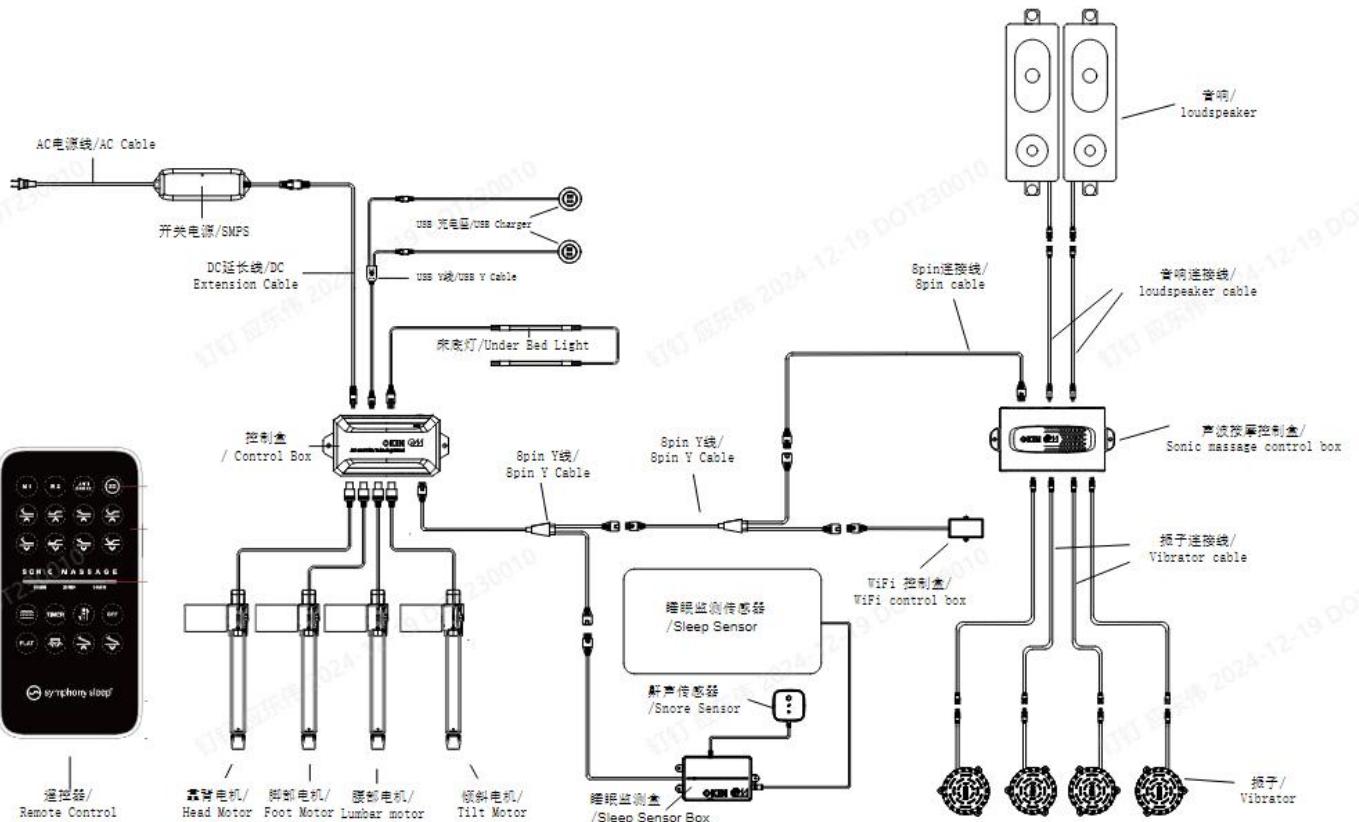


图 1 控制盒系统连接图/Figure 1 Connection diagram of control box system

四、 App 说明/App Description

无/Not have

五、 测试步骤/Testing Procedure

1. 系统连接/System Connection

需将控制盒与声波盒连接，并插入 U 盘、振子、音响。/The control box needs to be connected to the sound box and inserted with a USB flash drive, oscillator, and speaker.

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2. 版本查看/Version viewing

控制盒上电, 在 10 秒内, 打开 nrfconnect 或者 lightblue 查看版本号。/Power on the control box and within 10 seconds, open nrfconnect or lightblue to check the version number

RYKK04USB-MASSAGE-V1.10

RYKK04USB-MUSIC-V1.18

3. 其他硬件功能确认/Confirmation of other hardware functions

2 个音响有音乐播放, 4 个振子正常震动即可。/Two speakers can play music, and four oscillators can vibrate normally.

4. 底板程序软件版本确认/Confirmation of software version for the baseboard program

通过 tool of bedding v1.0 工具可以读取固件信息/The firmware information can be read through the tool of bedding v1.0,

串口名称根据实际串口选择/Select the serial port name based on the actual serial port

波特率选择 38400/The baud rate is set to 38400,

校验位/Check Bit: Even

打开串口后, 依次点击**控制盒信息->外挂软件版本读取->读取**, 可以看到软件编号显示为 **280201**, 软件版本号显示为 **100**。/After opening the serial port, click on Control Box Information ->External Software Version Read ->Read. You can see that the software number is displayed as 280201 and the software version number is displayed as 100.

5. FCC 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 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.

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with minimum distance 20cm between the radiator&your body.

6. IC Statement:

This device complies with Industry Canada's licence - exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (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 aux appareils 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 le fonctionnement.

7. RF exposure warning:

This equipment complies with 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.

L' environnement du millipascal incontrôlés, leurs conditions normales d' utilisation de maintenir, aumoins 20cm avec les utilisateurs.