Thank you for purchasing DOREMiDi products.
We recommend carefully reading the quick start guide before use.
感谢购买DOREMiDi产品，建议使用前仔细阅读该说明书。

DOREMiDi
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MIDI Breath Controller MBC-10

Quick Start Guide

用户快速使用指南

Scan the QR code to obtain the product manual and accompanying software.
扫描二维码可以获取产品详细说明书和配套软件。

Detailed Manual
详细说明书
(Please click the "Download" option.)
(请点击“Download”选项)

Software Download
配套软件
(Please download via the "MBC Editor" option.)
(请在“MBC Editor”选项下载)

Specifications

MODEL: MBC-10
Length: 43cm
Weight: 160g (including neckband)
Power Consumption: 40mA@4.2V
Battery Capacity: 450mAh
USB Version: Standard USB MIDI port
BLE Version: 5.1

规格参数

型号： MBC-10
长度： 43cm
重量： 160g（包含项圈）
功耗： 40mA@4.2V
电池容量： 450mAh
USB标准： 标准USB MIDI口
蓝牙版本： BLE5.1

We will continuously improve our product design, including but not limited to modifications to product functions, appearance, packaging design, and user manuals, without prior notice.

我们将不断改进我们的产品设计，包括但不限于产品的功能修改、外观修改、包装设计、操作手册修改等，恕不另行通知。

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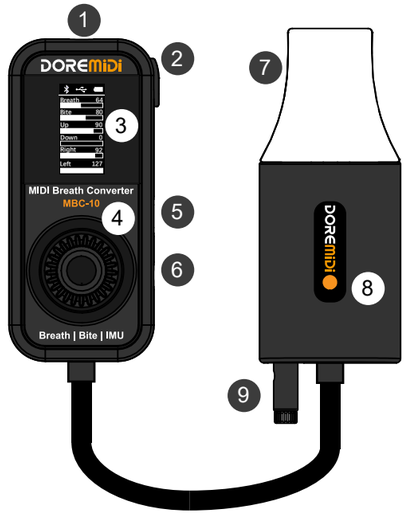
FC CE RoHS

Appearance 外观介绍



1. 项圈连接器：用于连接项圈，方便吹气演奏。
2. 开/关机按键：长按3秒开或者关机。
3. 显示屏：显示产品工作状态和参数。
4. 摇杆：可以通过左/右切换界面，上/下切换设置项，单击旋钮确认需要设置参数。
5. USB设备口：标准USB MIDI口，用于连接计算机。
6. TRS-MIDI口：3.5mm TRS-MIDI口，Type-A。
7. 吹嘴：带吹气，咬合，上/下/左/右姿态检测，并可以转换为自定义MIDI。
8. 吹气指示灯：根据吹气力度调整亮度，可设置多种颜色。
9. 出气调整旋钮：用于调整出气量，可手动调整。

1. Neckband connector: Used to attach a neck strap for convenient breath-controlled playing.
2. Power button: Press and hold for 3 seconds to turn the device on or off.
3. Display screen: Shows the device's operating status and parameters.
4. Joystick: Move left/right to switch interfaces, move up/down to navigate settings, and press to confirm parameter selections.
5. USB port: Standard USB MIDI port for connecting to a computer.
6. TRS-MIDI port: 3.5mm TRS-MIDI port (Type-A).
7. Mouthpiece: Supports breath, bite, and directional tilt (up/down/left/right) detection, inputs can be mapped to custom MIDI messages.
8. Breath indicator light: Brightness adjusts based on breath intensity. color is customizable.
9. Airflow adjustment knob: The air output can be adjusted manually.

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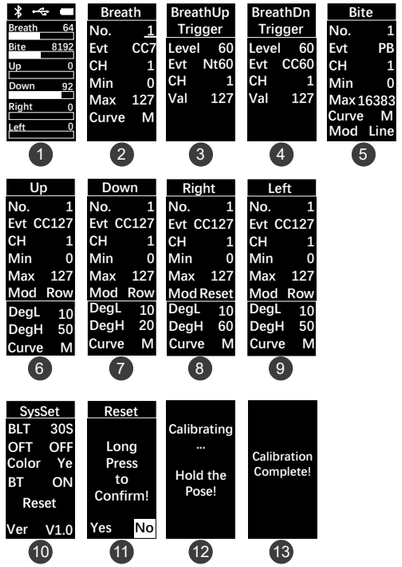
UI Interface UI界面介绍



1. 主界面：显示吹气，咬合，上下左右的MIDI值，以及蓝牙、USB、电量状态；
2. 呼气设置：设置呼气产生的MIDI消息，默认CC7；
No.：MIDI消息编号，最多可以设置3条MIDI消息；
Evt：MIDI消息类型，支持CC/Note/AfterTouch；
CH：MIDI消息通道；
Min~Max：设置MIDI值的范围；
Curve：选择不同曲线，对应Hard2/Hard1/Medium/Low1/Low2；
3/4. 呼气上升/下降触发：在呼气增大或下降的过程中，可以设置触发一个MIDI消息；
Level：设置吹气MIDI值达到这个水平时触发这个MIDI；
Evt：MIDI消息类型，支持CC/Note/AfterTouch；
CH：MIDI消息通道；
Val：设置触发的MIDI值；
5. 咬合设置：设置咬合吹嘴时触发的MIDI消息，默认弯音PB；
No.：MIDI消息编号，最多可以设置3条MIDI消息；
Evt：MIDI消息类型，支持PitchBend/CC/Note/AfterTouch；
CH：MIDI消息通道；
Min~Max：设置MIDI值的范围；
Curve：选择不同曲线，对应Hard2/Hard1/Medium/Low1/Low2；
Mod：弯音输出模式，当选择为弯音（PB）时，有Wave/BeUp/BeDown；
Wave：当循环咬合和放开时，会尝试上下弯音的波动；
BeUp：当咬下吹嘴时，会产生上弯音；
BeDn：当咬下吹嘴时，会产生下弯音；
6/7/8/9. 上/下/左倾斜/右倾斜设置：设置4种姿势触发的MIDI消息，默认关闭OFF；
No.：MIDI消息编号，最多可以设置3条MIDI消息；
Evt：MIDI消息类型，支持PitchBend/CC/Note/AfterTouch；
CH：MIDI消息通道；
Min~Max：设置MIDI值的范围；
Curve：选择不同曲线，对应Hard2/Hard1/Medium/Low1/Low2；
Mod：当MIDI消息类型为CC/Note/AfterTouch时，有Row/Line：
Row：在最小角度和最大角度之间，产生线性的MIDI值；
Reset：超过最小角度是产生最大MIDI值，低于最小角度时恢复到最小MIDI值；
当MIDI消息类型为弯音（PB）时，有BeUp/BeDown；
BeUp：当角度增加时，会产生上弯音；
BeDn：当角度增加时，会产生下弯音。

1. Main Interface: Displays MIDI values for blow, bite, up, down, left and right, as well as Bluetooth, USB and battery status.

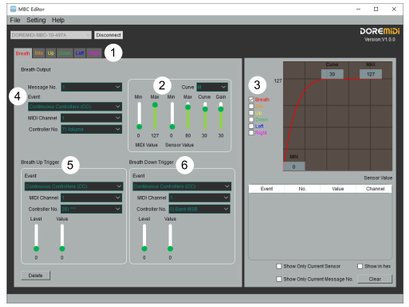
2. Breath Setting:
Configure the MIDI message generated by the breath sensor, default CC7.
No. : MIDI message number, up to 3 MIDI messages can be configured.
Evt: MIDI message type, supports CC/Note/AfterTouch.
CH: MIDI channel.
Min~Max: Set the range of MIDI values.
Curve: Select different curves, Hard2/Hard1/Medium/Low1/Low2.

3/4. Breath Rise/Fall Trigger: A MIDI message can be configured to trigger as the breath sensor value increases or decreases.
Level: Trigger this MIDI when the breath sensor MIDI value reaches this level.
Evt: MIDI message type, supports CC/Note/AfterTouch.
CH: MIDI channel.
Val: Set the triggered MIDI value.

5. Bite Setting: Configure MIDI messages triggered by biting the mouthpiece, default Pitch Bend (PB).
No. : MIDI message number, up to 3 MIDI messages can be configured.
Evt: MIDI message type, supports PitchBend/CC/Note/AfterTouch.
CH: MIDI channel.
Min~Max: Set the range of MIDI values.
Curve: Select different curves, Hard2/Hard1/Medium/Low1/Low2.
Mod: Pitch bend output mode. When Pitch Bend (PB) is selected, options include Wave/BeUp/BeDown.
Wave: Produces upward and downward pitch bends with repeated biting and releasing.
BeUp: An upward pitch bend is generated when biting the mouthpiece.
BeDn: A downward pitch bend is generated when biting the mouthpiece.

6/7/8/9. Up/Down/Left Tilt/Right Tilt Setting:
Configure MIDI messages triggered by four postures, default OFF.
No. : MIDI message number, up to 3 MIDI messages can be configured.
Evt: MIDI message type, supports PitchBend/CC/Note/AfterTouch.
CH: MIDI channel.
Min~Max: Set the range of MIDI values.
Curve: Select different curves, Hard2/Hard1/Medium/Low1/Low2.
Mod: When the MIDI message type is CC/Note/AfterTouch, options include Row/Line:
Row: Generates linear MIDI values between the min angle and max angle.
Reset: Max MIDI value is output when exceeding the min angle. returns to the minimum MIDI value when below the minimum angle.
When the MIDI message type is Pitch Bend (PB), options include BeUp/BeDown.
BeUp: An upward pitch bend is generated as the angle increases.
BeDn: A downward pitch bend is generated as the angle increases.

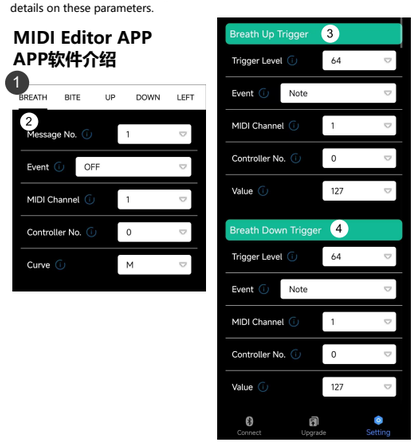
MIDI Editor 软件介绍



1. 传感器选择：选择不同的传感器设置界面，对应UI界面参数。
2. 曲线参数：在MBC Editor中，支持设置每个曲线的具体参数：
MIDI Value Min~Max：设置MIDI值的范围；
Sensor Value Min~Max：设置传感器参数范围；
Curve：设置曲线的曲率；
Gain：设置增益；
3. 曲线展示框：可以手动拖拉曲线，并选择需要显示的传感器曲线；
4/5/6. 设置触发的MIDI参数：具体参数说明请参考 UI界面介绍。

1. Sensor Selection: Select a sensor configuration interface corresponding to the specific UI parameters.
2. Curve Parameters: MBC Editor allows you to configure specific parameters for each curve:
MIDI Value Min–Max: Set the MIDI value range;
Sensor Value Min–Max: Set the sensor parameter range;
Curve: Set the curve's curvature;
Gain: Set the gain;
3. Curve Display Area: Manually drag the curve and select which sensor curve to display;
4/5/6. MIDI Messages Settings: Please refer to the **UI interface** description for details on these parameters.

MIDI Editor APP
APP软件介绍



1. 传感器选择：选择不同的传感器设置界面，对应UI界面参数。
2/3/4. 设置触发的MIDI参数：具体参数说明请参考 **UI界面介绍。**

1. Sensor Selection: Select a sensor configuration interface corresponding to the specific UI parameters.
2/3/4. MIDI Messages Settings: Please refer to the **UI interface** description for details on these parameters.