

marian

# **MARC 8 BREAKOUT BOX**

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**Users Guide**



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MARC 8 Breakout Box meets the CE regulations.

Technical changes are reserved.

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Dear User,

thank you very much for your decision to purchase one of the products from the MARIAN MARC series. We wish you lots of success in working with your Marian Marc 8 Break out Box.

Please consider taking some time to study this guide. Besides traditional installation and operation instructions it contains information that will make the handling with the MARC 8 BREAKOUT BOX easier for you.

Your MARC 8 BREAKOUT BOX provides some special characteristics. In the following you will get a short overview of them:

- 4 XLR microphone inputs (XLR), adjustable
- 48 V Phantom power supply individually switchable,
- 4 balanced line inputs (1/4" TRS jacks), adjustable, -20 dB switcher
- 1 phono input (RCA) alternative switchable to line input 7-8
- 8 balanced line outputs (1/4" TRS jacks)
- 2 headphone outputs (1/4" TRS jacks), individually adjustable
- 1 Master output RCA, adjustable
- Internal mix function of the 8 output channels to 2 headphone outputs
- 1HE, 19" rack mount

## 1. **Scope of Supply**

First of all, please check, whether you received the following components undamaged and complete.

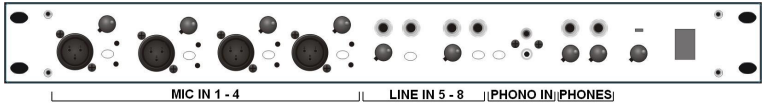
- MARC 8 BREAKOUT BOX
- Connecting cable for MARC 8 MIDI
- Power supply 220V
- User's guide

## 2. **System Requirements**

In order to be able to operate the MARC 8 BREAKOUT BOX you will need a PC with a MARC 8 MIDI audio card. Please check the system requirements for your PC in the Marc 8 MIDI users guide.

## 3. Features

### 3.1 Front Side



#### 3.1.1 Microphone Inputs

The microphone inputs marked with the numbers 1 to 4 are located at the front side of the MARC 8 BREAKOUT BOX. Each of the microphone inputs has its own volume control and a button which enables you to supply a 48V phantom power. The supplied phantom power is signaled through a red LED with the marking „DC 48V“. Another LED with the marking „PEAK“ signals an overdrive.

#### 3.1.2 Line and Phono Inputs

The numbers 5 to 8 indicate the balanced line inputs (1/4" TRS jacks). The inputs 5 and 6 as well as the inputs 7 and 8 are equipped with a volume control and a button for the signal attenuation to -20dB. Alternative to the line inputs 7 and 8 a record player can be connected using the RCA jacks besides. To serve this purpose a PHONO/LINE-switcher is available. If that button is pressed, the PHONO- Signal of the RCA ports is used, otherwise the signal of the line inputs 7 and 8.

**Please note:** The ground contact for connecting a record player is located at the back side of the BREAKOUT BOX.

#### 3.1.3 Headphone Outputs

The MARC 8 BREAKOUT BOX offers two headphone outputs (1/4" TRS jacks), marked with „PHONES“. A volume control, which is located below the corresponding TRS jack, is associated to each of these outputs.

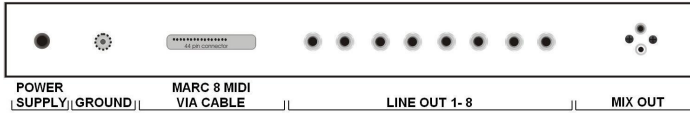
#### 3.1.4 Master Volume Control

The „MASTER“ volume control is marked red and located on the right of the MARC 8 BREAKOUT BOX front panel. Through this controller the level of the „MIX OUT“ output, which is at the back of the box, can be adjusted.

#### 3.1.5 Power Button

Rightmost besides the „MASTER“ volume control the power button is located. Through this button the MARC 8 BREAKOUT BOX can be switched on and off. The red „POWER“ LED indicates that the BREAKOUT BOX is switched on.

## 3.2 Back Side



### 3.2.1 External Power Supply

Leftmost on the back panel of the MARC 8 BREAKOUT BOX the jack for the external power supply is located.

### 3.2.2 Case Ground

On the right besides the connector power supply a connection to the case ground is provided as a screw contact. This contact is used to connect the ground cable of a record player.

### 3.2.3 Ground Button

MARC 8 BREAKOUT BOX versions with a „GROUND LIFT“ button allow the separation of the case ground from the power supply ground. For this purpose the button has to be in the position „LIFT“.

### 3.2.4 Connector to the MARC 8 MIDI

The „44-Pin-Connector“ is used to connect the MARC 8 BREAKOUT BOX with the MARC 8 MIDI by the supplied connecting cable.

### 3.2.5 Line Outputs

Numbered with 1 to 8 on the back panel of the MARC 8 BREAKOUT BOX the balanced line outputs (1/4" TRS jacks) are located.

### 3.2.6 Mix Output

The „MIX OUT“ output (RCA) is on the rightmost on the back panel of the MARC 8 BREAKOUT BOX. The level of this output will be adjusted through the „MASTER“- controller on the front side of the BOX.

## 4. Installation

Please connect the MARC 8 BREAKOUT BOX with your MARC 8 MIDI using the cable supplied. Therefore you have to connect one side of the cable to the „44 Pin Connector“- port on the back side of the MARC 8 BREAKOUT BOX and the other side of the cable to the appropriate port on the slot bracket of the MARC 8 MIDI. That way all analogue inputs and outputs of the MARC 8 MIDI are connected to the BREAKOUT BOX. Furthermore you have to connect the BREAKOUT BOX with the power supply using the appropriate plug at the backside of the box.

## 5. Usage

All analogue signal sources and destinations, which you had connected directly to the MARC 8 MIDI before, now you can connect more comfortably using your BREAKOUT BOX. Additionally the first four line inputs are provided as microphone inputs with adjustable pre amplification. Furthermore you can connect a record player through the „PHONO IN“ RCA input. A Monitor Mix Signal, which contains all output signals, will be output at both headphones and the „MIX OUT“ output. To influence the level of the outputs 1 to 8, please use the Manager of the MARC 8 MIDI.

**Please note:** If you like to output an input signal via „MIX OUT“ output or via the headphones, you have to use the appropriate monitor function of the MARC 8 MIDI Manager.

## 6. Technical Data

- 4 microphone inputs (XLR), adjustable, 48 V phantom power supply individually switchable
- 4 balanced line inputs (1/4" TRS jacks), adjustable, -20 dB switcher
- 1 phono input (RCA) alternative switchable to line input 7-8
- 8 balanced line outputs (1/4" TRS jacks)
- 2 headphone outputs (1/4" TRS jacks), individually adjustable
- 1 Master output RCA, adjustable
- 1 HE, 19" rack mount
- external power supply, 110 ~ 240V

## 7. Service and Support

Should you have any questions or problems during the installation or operation of your MARIAN MARC 8 BREAKOUT BOX please perform the following steps:

1. Have a look in our Audio Guide, which has been published on the internet, whether you can find a solution to your problem. You can find it also on the following web pages:  
**[www.marian.de](http://www.marian.de)**
2. If any questions still remain, you can contact us via E-Mail. Please write to:  
**[support@marian.de](mailto:support@marian.de)**  
Or give as a phone call:  
**+49 341 589 32 22**

Interesting news, information and driver updates you can find here:  
**[www.marian.de](http://www.marian.de)**.



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