



BEHRINGER BCF2000 USB MIDI DAW Fader Controller User Guide

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BEHRINGER BCF2000 USB MIDI DAW Fader Controller



Product Information

The B-CONTROL BCF2000/BCR2000 is a USB/MIDI controller with 8 motorized faders (BCF2000) or 32 illuminated rotary encoders (BCR2000). It provides total recall functionality, allowing you to save and recall settings easily. The controller is designed for use in music production and live performances.

Important Safety Instructions

- This symbol alerts you to the presence of dangerous voltage inside the enclosure that may pose a risk of electric shock.
- Please read the accompanying manual for important operating and maintenance instructions.
- Do not remove the top cover or rear section of the controller as there are no user serviceable parts inside. Refer servicing to qualified personnel.
- Avoid exposing the controller to rain, moisture, or any liquid-filled objects. Do not place objects filled with liquids on the controller.
- These service instructions are intended for qualified service personnel. Do not perform any servicing other than what is contained in the operation instructions. Seek assistance from qualified service personnel for repairs.

Product Usage Instructions

1. Read and keep these instructions for future reference.
2. Pay attention to all warnings provided.
3. Follow all instructions provided in the manual.
4. Avoid using the controller near water.
5. Clean the controller only with a dry cloth.
6. Ensure that ventilation openings are not blocked. Install the controller according to the manufacturer's instructions.
7. Avoid placing the controller near heat sources such as radiators, heat registers, stoves, or other heat-producing apparatus.

8. Do not modify the plug of the power cord. If the provided plug does not fit your outlet, consult an electrician for a replacement.
9. Prevent the power cord from being walked on or pinched, especially at plugs, convenience receptacles, and where it exits from the controller.
10. Use only attachments and accessories specified by the manufacturer.
11. When using the controller with a cart, stand, tripod, bracket, or table, exercise caution to prevent tip-over injuries.
12. Unplug the controller during lightning storms or when it is not in use for a long time.
13. Refer servicing to qualified service personnel if the controller has been damaged, exposed to rain or moisture, does not operate normally, or has been dropped.
14. The controller must be connected to a mains socket outlet with a protective earthing connection.

Important Safety Instructions

- Terminals marked with this symbol carry electrical current of sufficient magnitude to constitute risk of electric shock.
- Use only high-quality professional speaker cables with ¼" TS or twist-locking plugs pre-installed. All other installation or modification should be performed only by qualified personnel.
- This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure – voltage that may be sufficient to constitute a risk of shock.
- This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.

Caution

- To reduce the risk of electric shock, do not remove the top cover (or the rear section).
- No user serviceable parts inside. Refer servicing to qualified personnel.

Caution

The apparatus shall not be exposed to dripping or splashing liquids and no objects filled with liquids, such as vases, shall be placed on the apparatus.

- To reduce the risk of fire or electric shock, do not expose this appliance to rain and moisture.

Caution

- These service instructions are for use by qualified service personnel only.
- To reduce the risk of electric shock do not perform any servicing other than that contained in the operation instructions. Repairs have to be performed by qualified service personnel.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.

4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Use only attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.
16. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

LEGAL DISCLAIMER

- TECHNICAL SPECIFICATIONS AND APPEARANCES ARE SUBJECT TO CHANGE WITHOUT NOTICE AND ACCURACY IS NOT GUARANTEED. BEHRINGER, KLARK TEKNIK, MIDAS, BUGERA, AND TURBOSOUND ARE PART OF THE MUSIC GROUP (MUSIC-GROUP.COM).
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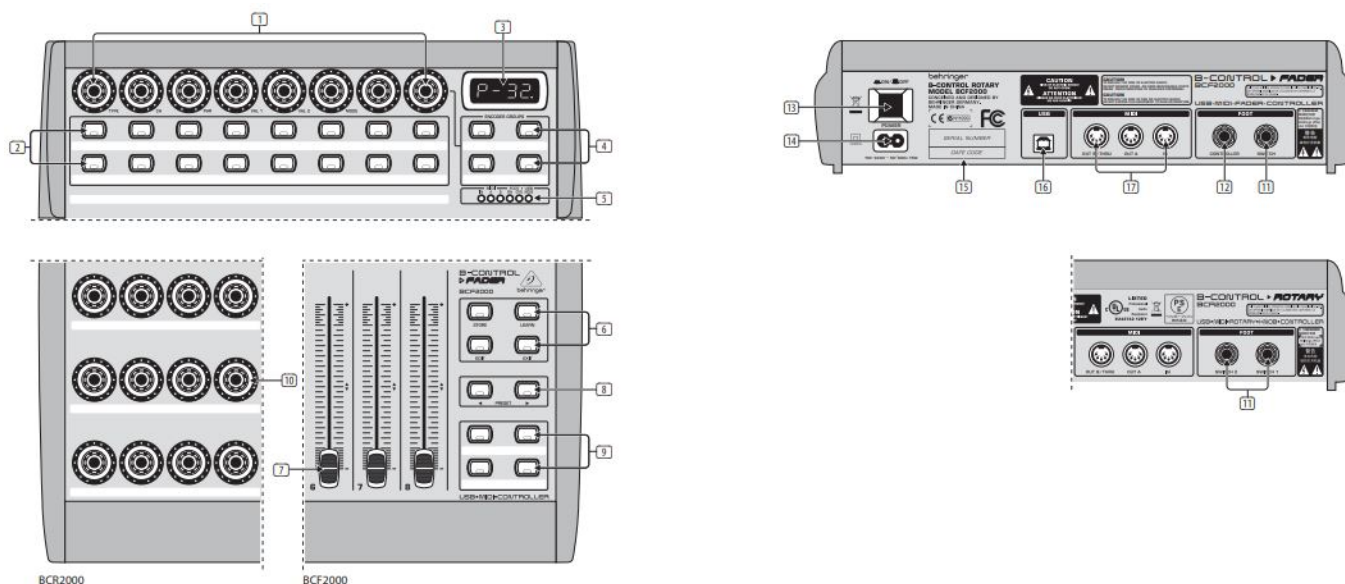
- Trident Chambers, Wickhams Cay, P.O. Box 146, Road Town, Tortola, British Virgin Islands

LIMITED WARRANTY

- For the applicable warranty terms and conditions and additional information regarding MUSIC Group's Limited Warranty, please see complete details online at www.music-group.com/warranty.

Controls

B-CONTROL FADER BCF2000/ROTARY BCR2000



1. The 8 infinitely variable PUSH ENCODERS are used to send MIDI data. They have two functions (turn and press) that can be assigned to different MIDI commands.
2. Each of these 16 KEYS can send one MIDI command.
3. The four-digit LED display indicates the current operating software version briefly during startup. After that, it shows the selected preset number. When in play mode, activating one of the control elements indicates value changes on the LED in real time. When in programming mode, it indicates the type of MIDI commands, program/channel numbers and parameter values.
4. Using the ENCODER GROUP keys, four so-called encoder groups per preset can be recalled, so that eight PUSH encoders for a total of 64 different MIDI functions are at your disposal.
5. These LEDs indicate the following:
 - MIDI IN, OUT A and OUT B illuminate if MIDI data flows through the respective connectors.
 - USB Mode illuminates if a USB connection to a computer is active (your computer must be on). The FOOT SW LEDs illuminate if the footswitch is pressed.
 - FOOT CTRL LED (BCF2000 only) illuminates when the footcontroller is actuated (MIDI data is sent).
6. Permanently fixed functions are assigned to this key section:
 - **STORE** saves presets.
 - **LEARN** gets you to the LEARN mode.
 - **EDIT** gets you to the EDIT mode.
 - Using the EXIT key, you exit a programming level (edit mode/global setup). Use it also to cancel a store or copy procedure.

7. The eight 100-mm faders of the BCF2000 are freely assignable for controlling MIDI commands. They are motorized, so they automatically slide into the predetermined position when you switch to another preset. If the software you are controlling or the MIDI device to which your B-CONTROL is connected support parameter feedback, the fader positions change automatically.
8. Using the PRESET keys, 32 presets can be recalled. The preset number is shown in the display.
9. These four keys can be assigned to any MIDI command of your choice.
10. The 24 infinitely variable rotary controls (encoders) of the BCR2000 can be programmed to send MIDI control commands. The LED circle show the current value.
11. These are the SWITCH connectors for connecting a footswitch. Its polarity is automatically detected. On the BCR2000, the first connector (SWITCH 1) can also be used to connect a double footswitch with stereo jacks. In this case, SWITCH 2 must remain unused.
12. CONTROLLER connector (BCF2000 only).
 - Here, you can connect an expression pedal that can be used for controlling assignable MIDI data.
13. The POWER switch turns your B-CONTROL on. The POWER switch should always be in its “Off” position when connecting the unit to the mains.
14. The connection to the mains is established using a standard connection socket. A matching cable is included in the shipment.
15. SERIAL NUMBER.
16. The USB connector is used for connecting to a computer with a compatible USB input.
17. These are the MIDI connectors of your B-CONTROL. Depending on the operating mode, MIDI OUT B doubles as MIDI THRU.

Check Out [behringer.com](https://www.behringer.com) for Full Manual

Specifications

BCF2000		BCR2000
USB Interface		
Type	Full-speed 12 MBit/sec. USB MIDI class-compliant	
MIDI Interface		
Type	5-pin DIN connectors IN, OUT A, OUT B / THRU XLR balanced	
Control Elements		
Controls	8 motorized 100-mm faders 8 infinitely variable push encoders with LED rings	4 infinitely variable encoders with LED rings 8 infinitely variable push encoders with LED rings
Keys	20 keys 10 system keys (4x Encoder Group, 4x programming, 2x Preset)	20 keys 10 system keys (4x Encoder Group, 4x programming, 2x Preset)
Display		
Type	4-digit 7-segment LED display	
Switched Inputs		
Footswitch	1 x ¼" TS connector with automatic polarity detection	—
Input 1	—	¼" TRS stereo connector for dual-footswitch
Input 2	—	¼" TS connector both with automatic polarity detection
Foot pedal	1 x ¼" TRS connector	—
Power Supply		
Voltage	100 to 240 V~, 50/60 Hz	
Power Consumption	max. 10 W	
Fuse	T 1 A H 250 V	
Mains Connection	Standard IEC receptacle	
Dimensions/Weight		
Dimensions (H x W x D)	approx. 330 x 100 x 300 mm (13 x 3.94 x 11.8")	approx. 330 x 100 x 300 mm (13 x 3.94 x 11.8")
Weight	approx. 2.7 kg (5.9 lbs)	approx. 2.3 kg (5.1 lbs)

Other important information

Important information

1. Register online. Please register your new MUSIC Group equipment right after you purchase it by visiting behinger.com. Registering your purchase using our simple online form helps us to process your repair claims more quickly and efficiently. Also, read the terms and conditions of our warranty, if applicable.
2. Malfunction. Should your MUSIC Group Authorized Reseller not be located in your vicinity, you may contact the MUSIC Group Authorized Fulfiller for your country listed under "Support" at behinger.com. Should your country not be listed, please check if your problem can be dealt with by our "Online Support" which may also be found under "Support" at behinger.com. Alternatively, please submit an online warranty claim at behinger.com BEFORE returning the product.
3. Power Connections. Before plugging the unit into a power socket, please make sure you are using the correct mains voltage for your particular model. Faulty fuses must be replaced with fuses of the same type and rating without exception.

FCC

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

B-CONTROL FADER BCF2000/ROTARY BCR2000 complies with the FCC rules as mentioned in the following paragraph:

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
- 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.

Important information:

- Changes or modifications to the equipment not expressly approved by MUSIC Group can void the user's authority to use the equipment.
- **Responsible Party Name:** MUSIC Group Services US Inc.
- **Address:** 18912 North Creek Parkway, Suite 200 Bothell, WA 98011,


USA

- **Phone/Fax No.:**
- **Phone:** +1 425 672 0816
- **Fax:** +1 425 673 7647
- behringer.com

Documents / Resources

	<p>BEHRINGER BCF2000 USB MIDI DAW Fader Controller [pdf] User Guide BCF2000 USB MIDI DAW Fader Controller, BCF2000, USB MIDI DAW Fader Controller, MIDI DAW Fader Controller, DAW Fader Controller, Fader Controller</p>
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References

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