

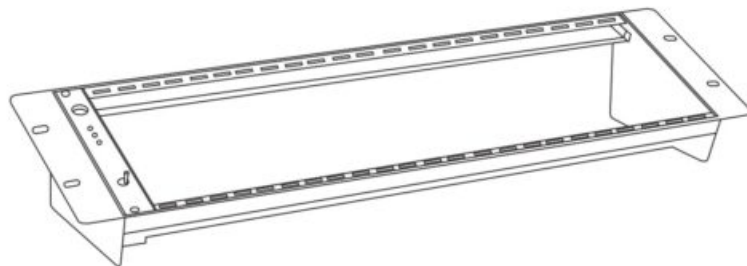


## behringer CP1A Desktop Rack Mount Kit with Power Supply Instruction Manual

[Home](#) » [Behringer](#) » behringer CP1A Desktop Rack Mount Kit with Power Supply Instruction Manual 

# behringer

### Quick Start Guide



### EURORACK RACK

19" Desktop/Rack-Mount Kit with Power Supply for 84 HP Eurorack

### CP1A

High-Performance Power Supply Module for Eurorack

## Contents

- 1 Important Safety Instructions
- 2 LEGAL DISCLAIMER
- 3 LIMITED WARRANTY
- 4 EURORACK RACK and CP1A
- 5 Specifications
- 6 Other important information
- 7 Documents / Resources
  - 7.1 References

## 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

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



### 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.



### Warning

Please refer to the information on the exterior of bottom enclosure for electrical and safety information before installing or operating the device.

1. Please read and follow all instructions and warnings.
2. Keep the apparatus away from water (except for outdoor products).
3. Clean only with dry cloth.

4. Do not block ventilation openings. Do not install in a confined space. Install only according to manufacturer's instructions.
5. Protect the power cord from damage, particularly at plugs and appliance socket.
6. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
7. 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 (only for USA and Canada). 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.
8. Protect the power cord from damage, particularly at plugs and appliance socket.
9. Use only attachments and accessories recommended by the manufacturer.



10. Use only specified carts, stands, tripods, brackets, or tables. Use caution to prevent tip-over when moving the cart/apparatus combination.
11. Unplug during storms, or if not in use for a long period.
12. Only use qualified personnel for servicing, especially after damage.
13. The apparatus with protective earthing terminal shall be connected to a MAINS socket outlet with a protective earthing connection.
14. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
15. Avoid installing in confined spaces like bookcases.
16. Do not place naked flame sources, such as lighted candles, on the apparatus.
17. Operating temperature range 5° to 45°C (41° to 113°F).

## LEGAL DISCLAIMER

Music Tribe accepts no liability for any loss which may be suffered by any person who relies either wholly or in part upon any description, photograph, or statement contained herein. Technical specifications, appearances and other information are subject to change without notice.

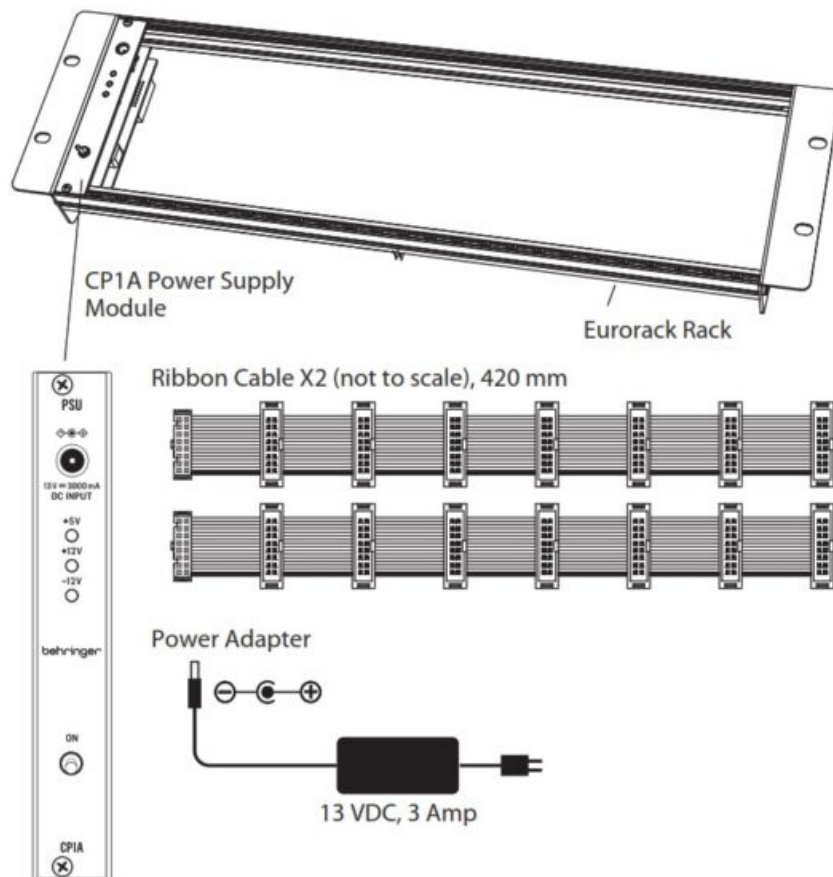
All trademarks are the property of their respective owners. Midas, Klark Teknik, Lab Gruppen, Lake, Tannoy, Turbosound, TC Electronic, TC Helicon, Behringer, Bugera, Aston Microphones and Coolaudio are trademarks or registered trademarks of Music Tribe Global Brands Ltd.

© Music Tribe Global Brands Ltd. 2024 All rights reserved.

## LIMITED WARRANTY

For the applicable warranty terms and conditions and additional information regarding Music Tribe's Limited Warranty, please see complete details online at [community.musictribe.com/support](https://community.musictribe.com/support).

## EURORACK RACK and CP1A



**WARNING:** Use only the Supplied Power Adapter

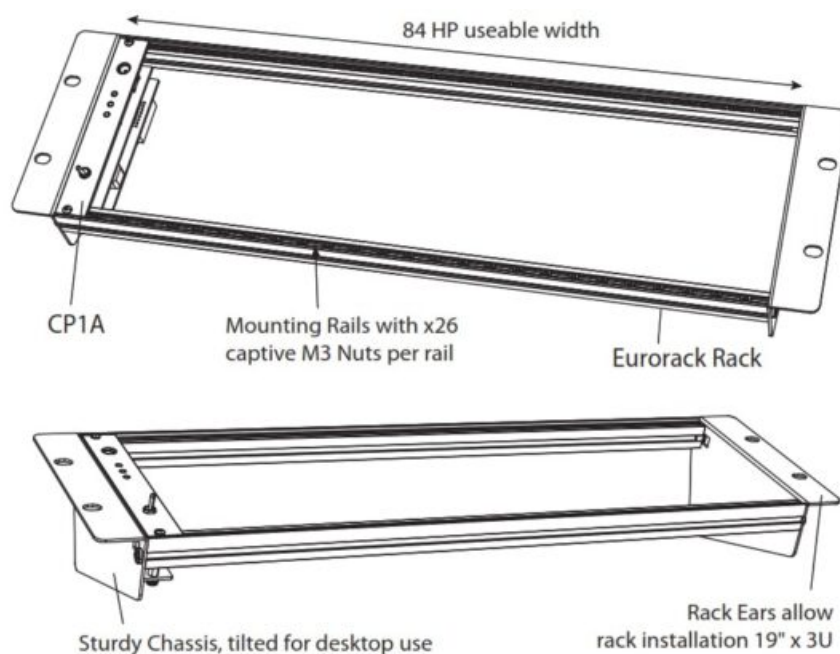
## EURORACK RACK

This kit includes one Eurorack Rack, and one CP1A Power Supply Module with 2 ribbon cables and a power supply adapter.

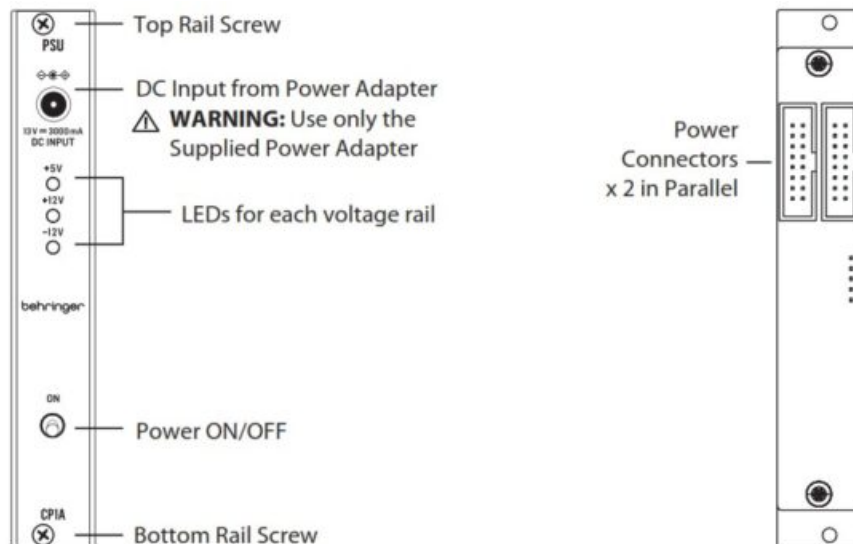
### CP1A

The CP1A Power Supply that comes with the Eurorack Rack, is also available separately. The CP1A kit includes one CP1A Power Supply Module with 2 ribbon cables and a power supply adapter

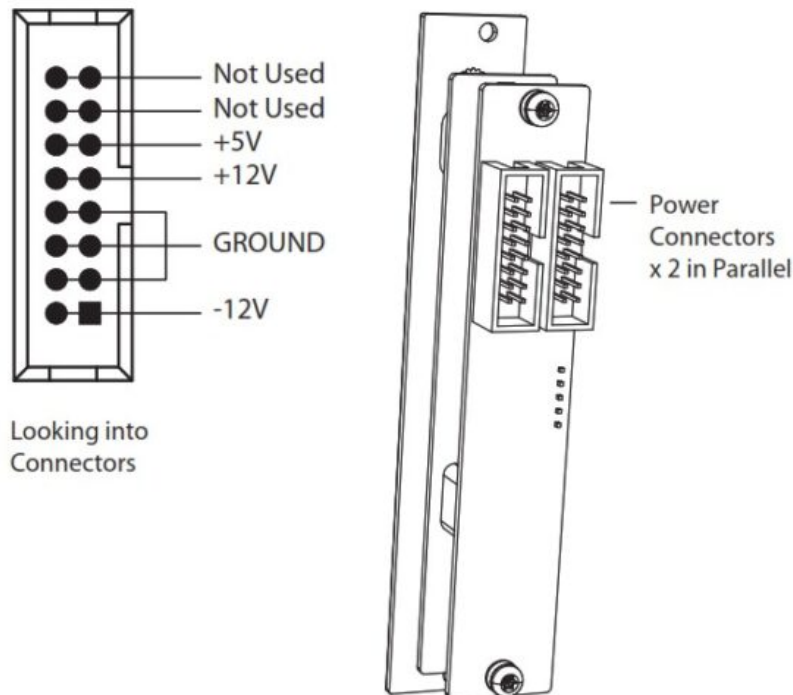
## EURORACK RACK Features



## CP1A Features



## CP1A Pin Outs



## Power Connections

The CP1A power supply module comes with two ribbon cables for connecting to standard Eurorack modules. Here are some general notes regarding the connection of power to your modules. It is easier to make these connections before the modules have been mounted into the rack case.

1. Turn the power supply off and disconnect the power adapter from the CP1A.

**WARNING:** The power must be off before making or undoing any connections to any modules.

2. The CP1A power supply module has two 16-pin sockets on the rear PCB. These are wired in parallel, and either one, or both may be used. The supplied 16-pin ribbon connectors have tabs that will align with the gaps in the sockets, so they cannot be inserted incorrectly. Be sure to orient pin 1 (-12 V) with the red stripe on the cable.
3. Find out the power supply requirements for the modules to be installed.

**WARNING:** The total power requirements from all modules shall not exceed the maximum power output of the CP1A.

4. Ribbon cable adapters may be required, if for example, your module has a 10-pin input power connector.
5. Make sure that the module voltage requirements follow the CP1A voltage outputs as shown in the pin-out diagram above.
6. After both ends of the power cable have been securely attached, you may mount the module in a case and turn on the CP1A power supply.

### Module Installation

The necessary screws are usually included with modules for mounting in a Eurorack. Connect the power cables before mounting.

The Eurorack Rack has top and bottom tracks that have individual threaded plates that slide along the length of the case. These free-moving threaded plates allow precise positioning of the module, but each plate should be positioned in the approximate relation to the mounting holes in your module before attaching the screws.

Hold the module against the Eurorack Rack rails so that each of the mounting holes are aligned with a threaded plate. Attach the screws part-way to start, which will allow small adjustments to the positioning while you get them all aligned. After the final position has been established, tighten the screws down.

Some very sensitive analogue modules may pick up low-level noise when placed directly next to the CP1A. We recommend placing less-sensitive or digital modules next to CP1A for optimum noise performance.

## Specifications

### Connectivity of Power Supply Module

|             |   |
|-------------|---|
| Front panel | DC Power input<br>Power switch (toggle) |
|-------------|---|

### Power Requirements

|  |              |
|--|--------------|
| External power adaptor (use only the supplied adapter) | 13 VDC, 3 A  |
| Power consumption                                      | 35 W maximum |

### PCB Connectors

|                            |   |
|----------------------------|---|
|                            | Quantity 2, box header, straight, 16 pin, 2 rows, pitch 2.54 mm   |
| Power outputs and pin outs | +5 VDC @ 0.5 A, pins 11, 12<br>-12 VDC @ 1 A, pins 1, 2<br>+12 VDC @ 1 A, pins 9, 10<br>Ground, pins 3, 4, 5, 6, 7, 8 |

### Environmental

|             |                      |
|-------------|----------------------|
| Environment | Dry, indoor use only |
|-------------|----------------------|

### Physical

|  |  |
|--|--|
| Dimensions (H x W x D)                         | 482.6 x 132.5 x 89.5 mm<br>(19.0 x 5.2 x 3.5")       |
| Module width                                   | 1 bay of 84 HP (fully useable width), rack mountable |
| Maximum depth of module that can be inserted * | 39 mm (1.54")  |
| Dimensions of power supply module only         | 129 x 20 x 52 mm<br>(5.08 x 0.79 x 2.05") (4 HP)     |
| Weight including power supply module           | 0.55 kg (1.21 lbs)                                   |
| Weight of power supply module only             | 0.056 kg (0.124 lbs)                                 |

## Accessories

|          |               |
|----------|---------------|
| Included | Power adapter |
|----------|---------------|

\* Note: The maximum module depth only applies when the rack is used on a desktop. When it is rack mounted the maximum depth is determined by the 19" rack unit so the available depth would be much greater.

## Other important information

### Important information

#### 1. Register online.

Please register your new Music Tribe equipment right after you purchase it by visiting [musictribe.com](https://musictribe.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 Tribe Authorized Reseller not be located in your vicinity, you may contact the Music Tribe Authorized Fulfiller for your country listed under "Support" at [musictribe.com](https://musictribe.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 [musictribe.com](https://musictribe.com). Alternatively, please submit an online warranty claim at [musictribe.com](https://musictribe.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.

## FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Behringer

EURORACK RACK and CP1A Power Supply

|                         |  |
|-------------------------|--|
| Responsible Party Name: | Music Tribe<br>Commercial NV Inc.                              |
| Address:                | 122 E. 42nd St.1,<br>8th Floor NY, NY<br>10168, United States  |
| Email Address:          | <a href="mailto:legal@musictribe.com">legal@musictribe.com</a> |

### EURORACK RACK and CP1A Power Supply

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 equipment 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 Tribe can void the user's authority to use the equipment.



Hereby, Music Tribe declares that this product is in compliance with Directive 2014/35/EU, Directive 2014/30/EU, Directive 2011/65/EU and Amendment 2015/863/EU, Directive 2012/19/EU, Regulation 519/2012 REACH SVHC and Directive 1907/2006/EC.

Full text of EU DoC is available at <https://community.musictribe.com/>

EU Representative: Music Tribe Brands DK A/S

Address: Gammel Strand 44, DK-1202 København K, Denmark

UK Representative: Music Tribe Brands UK Ltd.

Address: 8th Floor, 20 Farringdon Street London EC4A 4AB, United Kingdom

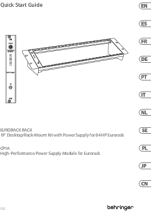


Correct disposal of this product: This symbol indicates that this product must not be disposed of with household waste, according to the WEEE Directive (2012/19/EU) and your national law. This product should be taken to a collection center licensed for the recycling of waste electrical and electronic equipment (EEE). The mishandling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the efficient use of natural resources. For more information about where you can take your waste equipment for recycling, please contact your local city office, or your household waste collection service.

**We Hear You**



## Documents / Resources

|   |   |
|---|---|
|  | <p><a href="#">behringer CP1A Desktop Rack Mount Kit with Power Supply</a> [pdf] Instruction Manual<br/>CP1A Desktop Rack Mount Kit with Power Supply, CP1A, Desktop Rack Mount Kit with Power Supply, Mount Kit with Power Supply, Kit with Power Supply, Power Supply, Supply</p> |
|---|---|

## References

- [m. Music Tribe](#)
- [m. Music Tribe](#)
- [m. Music Tribe](#)
- [m. Music Tribe](#)
- [User Manual](#)

### Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.