th•mann
40-B Spaceship
PowerBar

thomann 40-B Spaceship PowerBar User Guide

Contents

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Specifications

- **Brand:** Spaceship
- **Model:** PowerBar 40-B
- **Power Outputs:** 9V, 12V, 18V, 24V
- **Maximum Current Output:** 3000mA

- **USB Outputs:** 1x USB-A, 2x USB-C

Product Usage Instructions

Safety Instructions

It is important to follow these safety instructions to ensure safe use of the Spaceship PowerBar 40-B:

1. Remove batteries if not using the device for an extended period to prevent damage.
2. Ensure correct polarity when inserting batteries to avoid fire hazards.
3. Avoid direct contact between the rubber feet and the floor to prevent staining.
4. Avoid using liquid cleaners or flammable agents on the device.

Features

The Spaceship PowerBar 40-B features multiple power outputs for different voltage requirements and USB outputs for charging devices.

Operation

1. Connect the device to the power supply using the provided adapter and turn on the main switch.
2. Use output 1 for devices requiring 24V up to 2000mA.
3. Use output 2 for high-power devices needing 9V up to 3000mA.
4. Use outputs 3-4 for devices requiring 9V up to 250mA.
5. Use outputs 5-7 for devices needing 9V up to 500mA.

Note:
Always ensure the polarity of connected devices matches the supply outputs to avoid damage.

FAQs

Q: Can I use the Spaceship PowerBar 40-B with devices that have different voltage requirements?

A: Yes, the PowerBar offers multiple outputs with varying voltage options, allowing you to connect devices with different voltage needs.

Q: How do I know if a device is compatible with a specific output on the PowerBar?

A: Check the voltage and current requirements of your device and match them with the corresponding output on the PowerBar. Always ensure correct polarity.

Q: What should I do if the indicator LED for an output goes out?

A: This indicates an overload situation. Disconnect the device causing the overload and reset the output by turning it off and on again.

Quick start guide

- This document contains important information on the safe use of the product.
- Read and follow the safety instructions and all other instructions. Keep the document for future reference. If you pass the product on to others, please include this document.
- Contents are subject to change. Please refer to the latest version of the documentation, which is available for download at **www.thomann.de**.

Safety instructions

Intended use
This device is designed to hold, secure, and power multiple series-connected effects pedals for musical instruments. Use the device only as described in this user manual. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damage resulting from improper use. This device may be used only by persons with sufficient physical, sensory, and intellectual abilities and the necessary knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

- **Risk of injury and choking hazard for children!**
  Children can suffocate on packaging material and small parts. Children can injure themselves when handling the device. Never allow children to play with the packaging material and the device. Always store packaging material out of the reach of babies and small children. Always dispose of packaging material properly when it is not in use. Never allow children to use the device without supervision. Keep small parts away from children and make sure that the device does not shed any small parts (such as knobs) that children could play with.
- **Incorrect handling of lithium batteries can result in injury!**
  In the event of a short circuit, overheating or mechanical damage, lithium batteries can cause severe injuries. Handle lithium batteries correctly and professionally. Store lithium batteries in a cool and dry place in their original packaging. Keep lithium batteries away from sources of heat. Never open lithium batteries. Only charge rechargeable lithium batteries with a suitable charger. Remove the lithium batteries before disposing of the device. Cover the poles of used lithium batteries with adhesive tape to prevent short circuits. Electrolytes can escape from damaged lithium batteries. Put the damaged lithium battery in air-tight packaging. Collect the electrolyte with absorbent paper. Wear rubber gloves while doing so.
- **Possible damage due to leaking batteries!**
  Batteries can leak and cause permanent damage to the device. Remove the batteries from the device if you are not planning to use it for an extended period.
- **Risk of fire due to incorrect polarity!**
  Incorrectly inserted batteries may cause fires and destroy the device and the batteries. Observe the markings on the batteries and the device. Ensure that proper polarity is observed when inserting batteries.
- **Damage to the device due to high voltages!**
  The device can be damaged if it is operated with the incorrect voltage or if high voltage peaks occur. In the worst case, excess voltages can also cause a risk of injury and fires. Make sure that the voltage specification on the device matches the local power grid before plugging in the device. Only operate the device from

professionally installed mains sockets that are protected by a residual current circuit breaker (FI). As a precaution, disconnect the device from the power grid when storms are approaching or if the device will not be used for a longer period.

- **Possible staining due to plasticizer in rubber feet!**
  The plasticizer contained in the rubber feet of this product may react with the coating of the floor and cause permanent dark stains after some time. If necessary, use a suitable mat or felt slide to prevent direct contact between the device's rubber feet and the floor.
- **Damage to the device if operated in unsuitable ambient conditions!**
  The device can be damaged if it is operated in unsuitable ambient condi-tions. Only operate the device indoors within the ambient conditions specified in the "Technical specifications". Avoid operating it in environ-ments with direct sunlight, heavy dirt, and strong vibrations. Avoid operat-ing it in environments with strong temperature fluctuations. If tempera-ture fluctuations cannot be avoided (for example after transport in low outside temperatures), do not switch on the device immediately. Never subject the device to liquids or moisture. Never move the device to another location while it is in operation. In environments with increased dirt levels (for example due to dust, smoke, nicotine, or mist): Have the device cleaned by qualified specialists at regular intervals to prevent damage due to overheating and other malfunctions.

General handling

- To prevent damage, never exert force while operating the device.
- Never immerse the device in water. Wipe only with a clean and dry cloth. Do not use liquid cleaners such as benzene, thinners or flammable cleaning agents Keep the device away from impurities!

Keep the device away from containers with liquid. Should liquid enter the device, this could lead to its destruction or fire. Ensure that no metallic parts enter the device.

Features

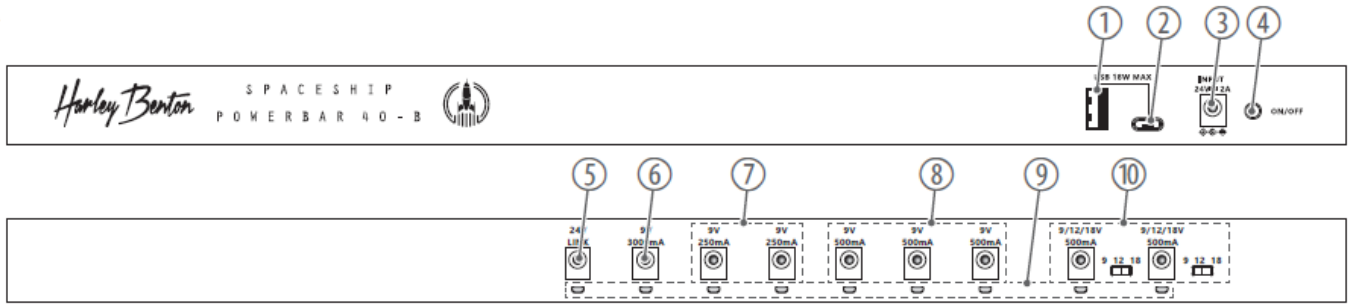
- Power supply specially designed for combination and seamless integration with the existing Harley Benton Spaceship 40 pedal boards
- Battery or mains-powered
- 7 × isolated filtered outputs with short-circuit protection eliminate noise and humming
- 4 × non-isolated outputs for multi-effects units or for charging smartphones and tablets
- Voltage and current measuring device
- High current output for modern digital effects
- LED display on each output

Scope of delivery

- 3 × DC cable, each 30 cm long
- 3 × DC cable, each 60 cm long
- 3 × DC cable, each 90 cm long
- 1 × cable with reversed polarity and red plug
- 1 × battery clip
- 1 × connecting cable, 45 cm long with green 5.5 × 2.5 mm coaxial plug to 5.5 × 2.1 mm coaxial plug

- 1 × connecting cable, 45 cm long with 3.5 mm audio plug to 5.5 × 2.1 mm coaxial plug
- 1 × voltage doubler cable, 20 cm
- 1 × current doubler cable, 60 cm
- 1 × EIAJ-05 cable
- 1 × power adapter with EU plug, 120 cm
- 1 × cable fastening set
- 1 × hook-pile tape, adhesive, 100 cm × 4.5 cm
- 1 × Allen key (5 mm)
- 6 × screw
- 2 × rubber foot
- 1 × Transport bag with stowage compartment and carrying strap
- 2 × aluminum edge for mounting the power bar and the cross bars of existing Harley Benton Spaceship 40 boards

Connections and controls



1. USB-A output, not isolated
2. USB-C output, not isolated
3. Connection for the supplied power adapter for power supply and charging
4. Main switch
5. Output 1, not isolated
6. Output 2, not isolated
7. Outputs 3 – 4, individually isolated
8. Outputs 5 – 7, individually isolated
9. Indicator LED for outputs 1 – 9, lights up when voltage is present, and goes out when the output is deactivated due to overload
10. Outputs 8 – 9 with voltage switch, individually isolated

Operation

1. Connect the device to the power supply using the supplied power adapter, then press the main switch to put the device into operation.
2. Use output 1 and a suitable power supply cable to connect effects pedals or similar devices that require 24 V ⎓ of supply voltage at a maximum of 2,000 mA.
3. Use output 2 and a suitable power supply cable to connect devices with a high power consumption (e.g. multi-effects units) that have a supply voltage of 9 V⎓ at a maximum of 3,000 mA.

4. Use outputs 3 – 4 and suitable power supply cables to connect effects pedals or similar devices that require a supply voltage of 9 V⎓ at a maximum of 250 mA.
5. Use outputs 5 – 7 and suitable power supply cables to connect effects pedals or similar devices that require a supply voltage of 9 V⎓ at a maximum of 500 mA. Make absolutely sure that the polarity of the devices you want to connect is identical to the polarity of the supply outputs (). Supplying a device with voltage with reverse polarity can damage it!
6. Use outputs 8 – 9 and suitable power supply cables to connect effects pedals or similar devices that require 9 V⎓, 12 V⎓, or 18 V⎓ at a maximum supply voltage of 500 mA, 375 mA or 250 mA. Put the corresponding switch next to the relevant output into the position for the required voltage. The maximum output power of 31.5 W must not be exceeded.
7. Use the USB ports and suitable power supply cables to connect devices such as smartphones or tablets.
8. Each output 1 – 9 that is ready for operation is indicated by an LED that lights up green. If an overload causes an output to be switched off, the LED goes out. In that case, disconnect the relevant pedal from the device. Normal voltage provision is restored after approx. 2 seconds.
9. Press the main switch to switch off the device.

Technical specifications

- **Output connections**
  - Output 1 24 V⎓ @ max. 2,000 mA
  - Output 2 9 V⎓ @ max. 3,000 mA
  - Outputs 3 – 4 9 V⎓ @ max. 250 mA
  - Outputs 5 – 7 9 V⎓ @ max. 500 mA
  - Outputs 8 – 9 can be switched between 9 / 12 / 18 V⎓ @ max. 500 / 375 / 250 mA
  - 2 × USB output max. 18 W
- Output power 31.5 W
- Power supply External power adapter, 100 – 240 V ~ 50/60 Hz
- Operating voltage 24 V⎓ / 2 A, center negative
- Battery
  - Battery type Lithium-ion
  - Voltage 7.4 V
  - Capacity 4,500 mAh
  - Operating time 50 min.
  - Charging time in the device is 1.7 h
- Dimensions (W × H × D) 450 mm × 30 mm × 50 mm
- Weight 640 g
- Ambient conditions
  - Temperature range 0 °C…40 °C
  - Relative humidity 20%…80% (non-condensing)

Environmentally friendly materials have been chosen for the packaging. These materials can be sent for normal recycling. Ensure that plastic bags, packaging, etc. are disposed of properly. Do not dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the instructions and markings on the packaging.

Batteries must not be thrown away or burnt, but must instead be disposed of in line with the local regulations on the disposal of hazardous waste. Use the available collection sites. Only dispose of lithium batteries when they are empty. Remove lithium batteries from the device before disposal if this is possible without destroying it. Protect used lithium batteries against short circuits, for example by tapping the poles. Dispose of the built-in lithium batteries together with the device. Check for an appropriate collection facility. Dispose of the batteries and rechargeable batteries at the appropriate collection points or through your local waste facility.

This product is subject to the European Waste Electrical and Electronic Equip-ment Directive (WEEE) as amended. Do not dispose of your old device with your normal household waste; instead, deliver it for controlled disposal by an approved waste disposal firm or through your local waste facility. If in doubt, consult your local waste management facility. You can also return the device to a retailer if they offer to take the device back for free or if they are legally obliged to do so. When disposing of the device, comply with the rules and regula-tions that apply in your country. You can also return your old device to Thomann GmbH at no charge. Check the current conditions on **www.thomann.de**. Proper disposal protects the environment as well as the health of your fellow human beings. This is because the proper handling of old devices negates the potential negative effects of hazardous substances and because it conserves resources by recycling them. Also, note that waste avoidance is a valuable contribution to environmental protection. Repairing a device or passing it on to another user is an ecologically valuable alternative to disposal.

If your old device contains personal data, delete that data before disposing of it. Observe the disposal note regarding documentation in France.

Thomann GmbH

- Hans-Thomann-Straße 1 96138 Burgebrach
- **www.thomann.de**
- **info@thomann.de**.

Documents / Resources

	**thomann 40-B Spaceship PowerBar** [pdf] User Guide 40-B Spaceship PowerBar, 40-B, Spaceship PowerBar, PowerBar

References

- **User Manual**