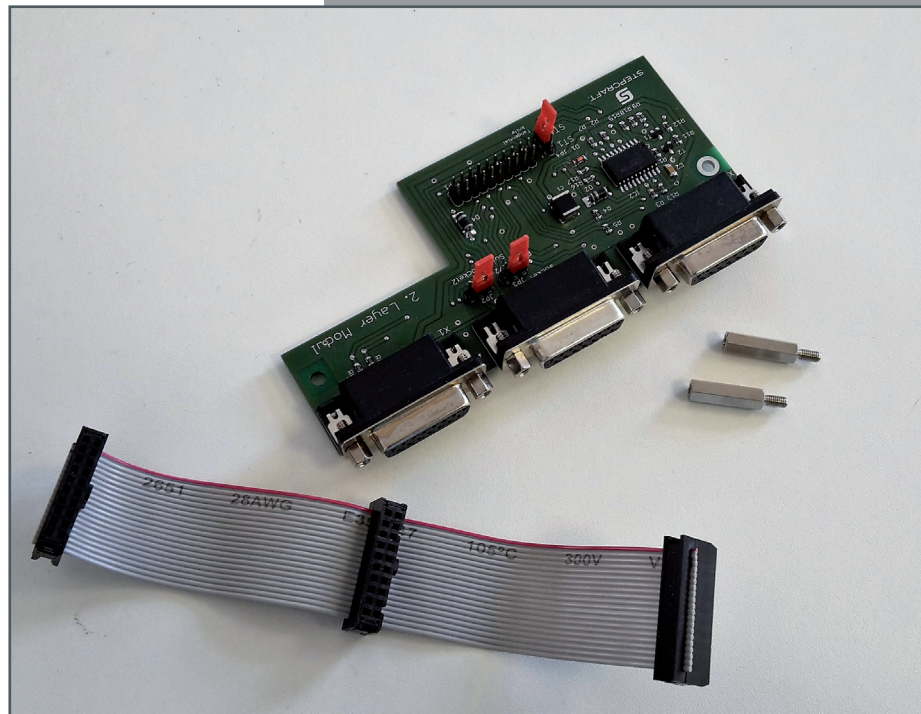


Important: Read before use!

Installation and safety instructions

2. Layer Module for STEPCRAFT Switch-Box



Call for consumer information

Customers outside the U.S.

STEP-CRAFT GmbH & Co. KG
An der Beile 2
58708 Menden
Germany
Phone: 0049-2373-1791160
E-mail: info@stepcraft-systems.com

Customers from the U.S. / Canada

STEP-CRAFT Inc.
59 Field Street, Rear Building
Torrington, CT, 06790
United States
Phone: +1 (203) 556-1856
E-mail: info@stepcraft.us

Date: 18.07.2017

Notice

All instructions, warranties and other collateral documents are subject to change at the sole discretion of STEPCRAFT GmbH & Co. KG for customers from outside the U.S and STEPCRAFT Inc. for customers from the U.S., Canada and Mexico. For up-to date product literature, visit www.stepcraft-systems.com for customers from Europe, or www.stepcraft.us for customers from US / Canada and click on the service tab for this product.

Age recommendation: For advanced handcrafters ages 14 and above. This is not a toy.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE.

Should you encounter any doubts or require any further information, please do not hesitate to contact us before commissioning of the power tool. Our contact details can be found on the front page of this manual.

Intended use and description of the equipment

The 2. Layer Module for the STEPCRAFT Switch-Box provides the user with a second layer for connecting compatible system-guided devices. It is only meant for the installation into an existing Switch-Box.

General safety warnings

Work area safety

⚠ CAUTION	The device is only suitable for indoor use!
NOTICE	Do not use the electrical device in dusty or explosive environments. An electrical device can create sparks which may ignite dust or gases or flammable liquids. Excessive dust can also cause damage to the device.
⚠ CAUTION	Protect the device from moisture and humidity. Excess moisture or humidity increases the risk of electric shock.
NOTICE	In particular, protect the controller against overheating by avoiding direct sun radiation, the close proximity to a radiator or incorrect use (e. g. overloading).

Personal safety

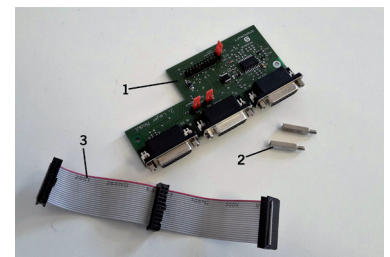
⚠ CAUTION	Stay alert, watch what you are doing and use common sense when operating the device. Do not use the device while you are tired and / or under the influence of drugs, alcohol or medication. A moment of inattention while operating the device may result in serious personal injury.
NOTICE	Do not alter or misuse the tool. Any alteration or modification is a misuse and may result in serious personal injury.

Electrical safety



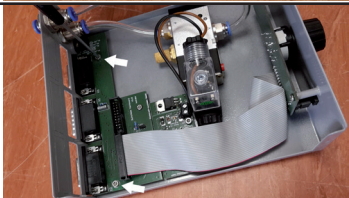
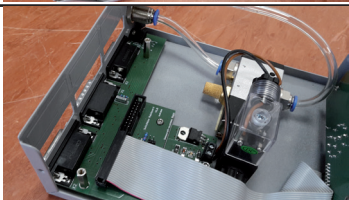
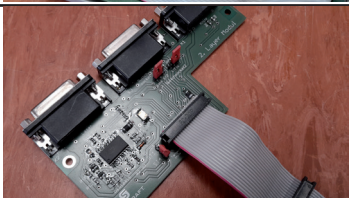
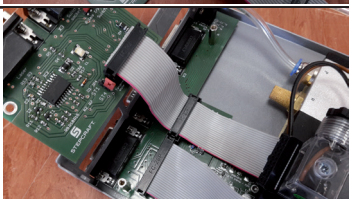
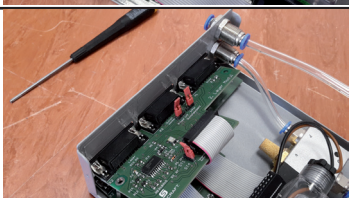

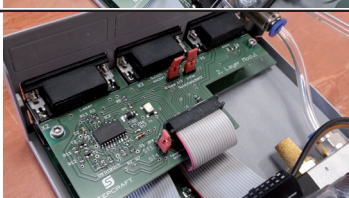

⚠ CAUTION	Do not use the electrical device if anything appears defective (e. g., if a cable is damaged, a switch is faulty or if the device does not operate normally). If this happens, contact us so that we can repair the device. There is a risk of electric shock.
⚠ CAUTION	Keep it away from heat, corrosive liquids, sharp and / or moving objects or parts of the device. Damaged cables increase the risk of electric shock.
NOTICE	Protect the device from moisture and humidity. Excess moisture or humidity increases the risk of electric shock.
⚠ CAUTION	Do not overload the electrical device. Use it only as directed. The use of an electrical appliance otherwise than as directed can lead to dangerous situations!
⚠ CAUTION	Always keep the appliance out of the reach of children.

Scope of delivery

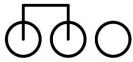
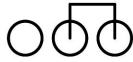
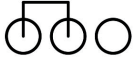
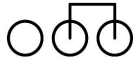


1. Board for the 2. Layer Module
2. Spacer (2 pieces)
3. Connecting ribbon cable



Installation of the module

<p>1. Remove the cover of the Switch-Box by loosening the four Torx screws with a screwdriver T10.</p> <p>Put aside the cover and the screws.</p>	
<p>2. Break out the pre-cut panels of the second row on the rear of the Switch-Box.</p> <p>For this purpose, pry out the panels with a help of e. g. a slot screwdriver.</p>	
<p>3. Remove two of three board retaining screws.</p> <p>Loosen the two marked M3 screws with an Allen wrench 2,5 and put them aside.</p>	
<p>4. Insert the supplied spacers (part 2) instead and screw them them tight.</p>	
<p>5. Mount the ribbon cable (part 3) onto the 2. Layer Module.</p> <p>Be sure, that the colored wire is on the left and the pin connector fits exactly.</p>	
<p>6. Insert the middle pin connector of the ribbon cable (part 3) into the free socket of the motherboard.</p>	
<p>7. Insert the module into the Switch-Box.</p> <p>Guide the connectors from the interior of the Switch-Box through the rear and place the board onto the two spacers.</p>	
<p>8. Fix the module with the help of the M3 screws that were put aside.</p>	
<p>9. If necessary, adjust the settings of the module.</p> <p>For this purpose, please read the passage "Settings of the 2. Layer Module".</p>	
<p>10. Take the cover that was put aside and place it onto the Switch-Box again. Fix it with the help of the four Torx screws.</p>	

Settings of the 2. Layer Module

Jumper 2		Standard Switchsocket 2 Relay only responds in selected rotary switch position.
		Switchsocket 2 Relay responds in all positions.
Jumper 3		Standard Switchsocket 2, triggering via relay 1, LPT1 PIN 1
		Switchsocket 2, triggering via relay 2, LPT1 PIN 14
Jumper 4		Standard Knife in rotary switch position 1
		Knife in rotary switch position 4

Technical data

Operating voltage: 19V - 30V DC

The operation of the Laser requires a voltage of 30V, please check your machine's power supply!

Logic voltage: 5V

Dimensions & weight: 128 mm x 66 mm x 16 mm; 80 g

Disposal via municipal collection

Since the device and its components contain valuable raw materials that can be recycled, do not dispose of them via household waste.

If you do not know where you can dispose of your device, you should contact your local waste management service provider or another entity (municipally) entrusted with waste disposal facilities.

You may of course return the unit to us and of course we will dispose of it for you.

Warranty and liability

These instructions must be read by every operator before first operating the device.

We are not liable for damages resulting from failure to observe the operating instructions.

Translations into other languages are carried out by a qualified translation company. We can accept no liability for inaccurate translations. The original version of the manual in German language is definitive.

If translations into other languages are given by third parties without our knowledge we are not liable for the completeness or accuracy of the translations.

This manual has been prepared to the best of our knowledge and belief, based on our experience and knowledge.

The statutory warranty provisions apply.

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