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Operating instructions

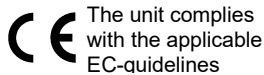


Fig. 1: 12822-99 SMARTfloor Puzzle starter set

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1 SAFETY PRECAUTIONS



Caution!

- Before using the device, read the operating instructions carefully and thoroughly. This will protect you and prevent damage to your device.
- Do not use the device if it shows signs of damage.
- Only use the device for its intended purpose.
- Do not open the device.
- Protect the device from dust, moisture and vapours. Only clean the device when it is disconnected from the mains.
- Ensure that there is sufficient distance between the sensor fields and other objects, e.g. doors or walls.
- Avoid exposed connection cables to the sensor fields. These can cause falls
- Ensure that the sensor fields are placed on a firm, non-slip surface.

Definition of symbols used	
	Caution! Risk of danger. Observe the operating instructions.
	Complies with relevant European directives
	Old devices must be disposed of separately from household waste.
	Class II device with functional earthing

2 PURPOSE AND PROPERTIES

The SMARTfloor Puzzle Starter Set is the ideal introduction to the world of SMARTfloor. In just a few simple steps, the interactive sensor floor can be set up on your PC or notebook and used like a classic keyboard in your own games and applications. Unlike conventional keyboards, SMARTfloor allows full-body involvement in the game, creating an immersive experience that increases motivation and enables varied and creative teaching.

3 FUNCTIONAL AND OPERATING ELEMENTS

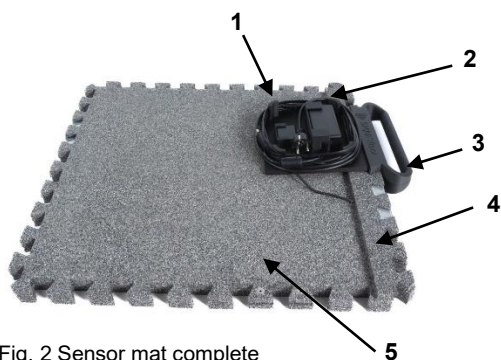


Fig. 2 Sensor mat complete

1. USB-Dongle
2. 12V power supply unit
3. Carrying handle with transport plate for power supply storage
4. Puzzle edge element for power supply
5. Puzzle sensor mat

4 HANDLING

4.1 Laying and installation

Place the puzzle sensor mat (4) on a flat surface and connect the mat to the edge element (3). Make sure that you hear the magnetic connection click into place.



Caution: The system may only be installed and operated indoors.

Insert the USB dongle into a free USB port on your computer.



Abb. 3: USB-Dongle

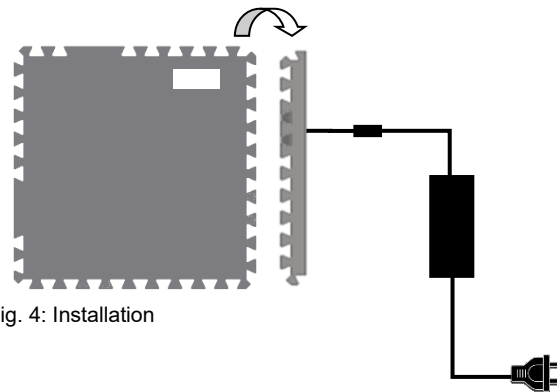


Fig. 4: Installation

4.2 Initial setup of the playing field

Connect the sensor mat as shown in Fig. 4 and connect the power supply unit.

Download the SMARTfloor Connect app from the Phywe download page. Depending on the operating system you are using, please refer to the readme file in the corresponding directory.

Plug the USB dongle (Fig. 3) into a free USB port and start the software.

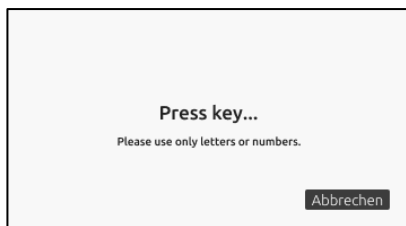


A line now appears for each recognised sensor mat, in which settings can be made.

ID	Activity	Threshold	Key
0212	1%	40%	A

- ID : Corresponds to the number indicated on the type plate of the sensor mat.
- Activity: Here you can detect a change, for example, by pressing the sensor field.
- Threshold: Here, you can use the slider to specify a percentage value at which pressure on the sensor field is recognised as the assigned key being pressed.
- Key: Here, you can define the key that is to be output when the field is pressed.

Click on the 'Assign button' icon, then press the button you want to assign.



In the lower section of the software, you have the option of adjusting various settings or stopping or starting the keyboard.



5 OPERATING INSTRUCTIONS

This quality appliance fulfils the technical requirements summarised in the current directives of the European Community. The product characteristics entitle it to CE- labelling.

This device may only be operated under expert supervision in a controlled electromagnetic environment in research, teaching and training centres (schools, universities, institutes and laboratories).

Electrostatic charges or similar electromagnetic phenomena (HF, burst, indirect lightning discharges, etc.) can influence the device so that it no longer operates within the specified data. The following measures will reduce or eliminate the disturbing influence: Avoid carpeted floors; ensure potential equalisation; install on a conductive, earthed surface, use shielding, shielded cables.

6 TECHNICAL DATA

Operating temperature range: 5 - 40°C
Rel. humidity < 80%

Power Supply: 12V DC / 100mA

Radio

Frequency: 868,3 MHz
Max. Transmission power + 10dBm
Communication range 0... 15m

Housing dimensions (WxHxD) 610x680x80 mm
Mass 9 kg

7 SCOPE OF DELIVERY

The scope of delivery 12822-99 includes

- USB-Dongle
- 12V Power Supply
- Carrying handle
- Puzzle edge element for power supply
- 2x Puzzle sensor mat
- Operating instructions

The scope of delivery 12822-99 includes:

- 12V Power Supply
- Puzzle edge element for power supply
- Operating instructions

8 CONFORMITY



Hereby, PHYWE Systeme GmbH & Co KG declares that the radio equipment type 12822-99 is in compliance with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address:

www.phywe.com/en/ec-declaration

9 DISPOSAL

The packaging consists mainly of environmentally friendly materials that should be disposed of at local recycling centres.



This product does not belong in the normal waste disposal (household waste). If this appliance is to be disposed of, please send it to the address below for professional disposal .

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