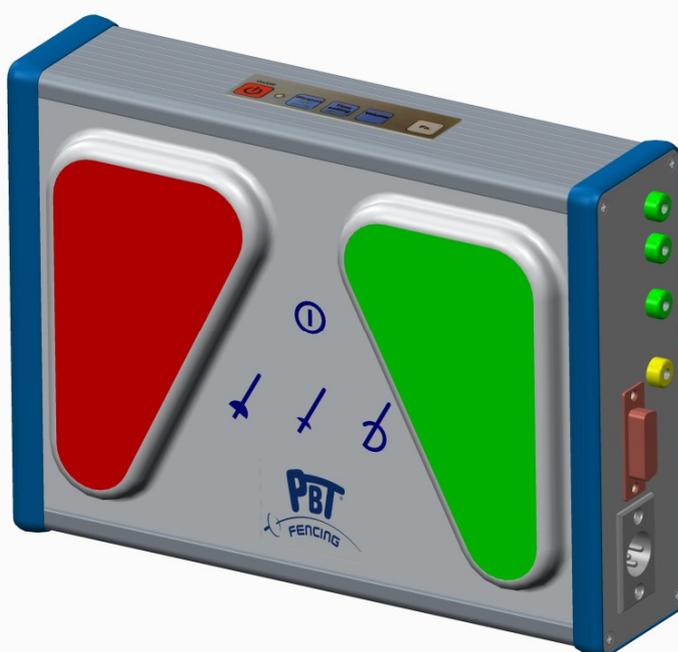


MultiTalent Basic

Scoring machine USER MANUAL



MultiTalent Basic scoring machine is part of a scoring machine system used in the sport of fencing. The system can be built modularly from the basic training scoring machine to a competition one. Optionally built-in batteries, remote control, score and time display side panels as well as wall mounted lamps can be ordered.

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Technical information

Dimensions, parameters

MultiTalent Basic is part of a modularly buildable scoring machine system, designed into an extruded aluminum housing case with a thermoplastic polyester front panel, which conforms to European Union standards in accordance with the Machinery Safety Directive, the EU Directive mandating the CE marking and applicable regulations.

Dimensions

Width x height x depth: 220 x 160x 55mm

Weight: 900 grams, without the built-in batteries
1,200 grams with the built-in batteries

POWER SUPPLY

Required voltage: 12 V DC (necessary battery accessory)

Electricity consumption: average 0.2A, maximum 0.5A for 12VDC input voltage.

Warning: if the MultiTalent Basic is operated from another power source, which is connected to the electric power network, make sure that the power supply has double insulation and will not be short-circuited.

Also make sure that the electric power network has an automatic residual-current device (RCD), with a current capacity of 30 mA.

OPERATING FROM A BATTERY

The MultiTalent Basic can also be ordered with built-in Lithium-ion batteries. The internal battery set has a capacity of 7.2V/4,400 mAh. If you purchase the batteries for the device later, please always use a specialized service for installation. The device automatically switches off if the battery voltage drops to 6 V.

If the battery voltage is reduced to 6.3, on the front panel of the device the power LED will flash, showing that recharge is necessary. In the case of use with the built-in batteries without side panels and wall lamps, the expectable operational time is 100 hours from a completely charged condition till the automatic switch off.

Any kind of 12 V lead battery is also suitable for the operation of MultiTalent Basic with the correct power source connection. The higher the ampere-hour capacity of the battery is, the longer its lifespan will be. In case of the use of an external battery, the device will also protect itself from low voltage and it will switch off as described above.

IMPORTANT: please always charge the batteries before the first use

CHARGING AN EXTERNAL RECHARGEABLE BATTERY

The built-in Lithium-ion batteries can be charged with the provided power source. Connect the power source to the device as well as to the 110-230 V electric power network. The device can be operated normally even during the battery charging cycle. Accordingly, every time we use the device from the power source, the batteries will be charging. The batteries that have been depleted to the point where the device switches off can be recharged from the electric power network in 6 hours. The white LED located on the control keyboard on the top of the device shows the charging status. During charging operation the LED is ON with intense light. When the charging status of the batteries is on maximum, the device switches to drip charging and this is shown by the LED glowing with very dim light.

EXTERNAL, RECHARGEABLE BATTERY 12 V/6-7 Ah

It has its own connectors, thus it can be connected directly to the MultiTalent Basic as well as the battery charger.

The average lifespan of a properly used lead battery is 5 years. We recommend replacing the battery when it begins to be depleted very fast.

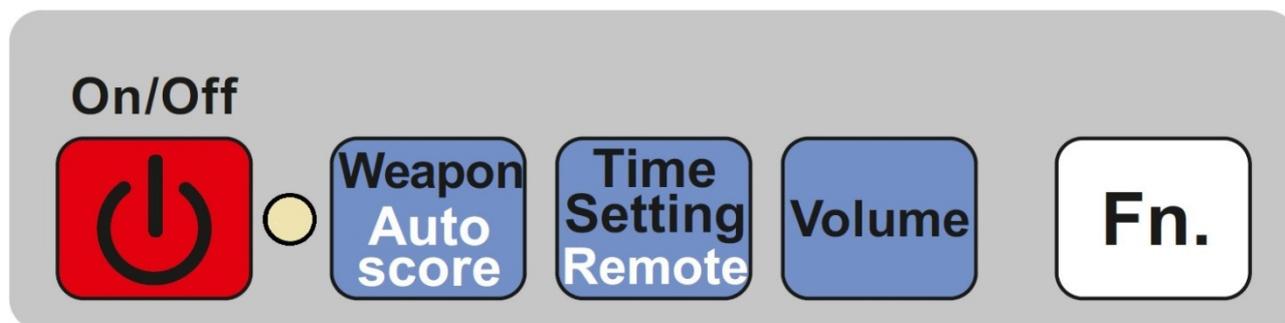
It is recommended to recharge the battery after each use, but at least once in every half year if the device is not in use.

Use the proper battery charger (Article no. 829)

Article no. 829 BATTERY CHARGER, 230/13.8V, 500mA

Article no. 829-B BATTERY CHARGER, 115/13.8V, 500mA

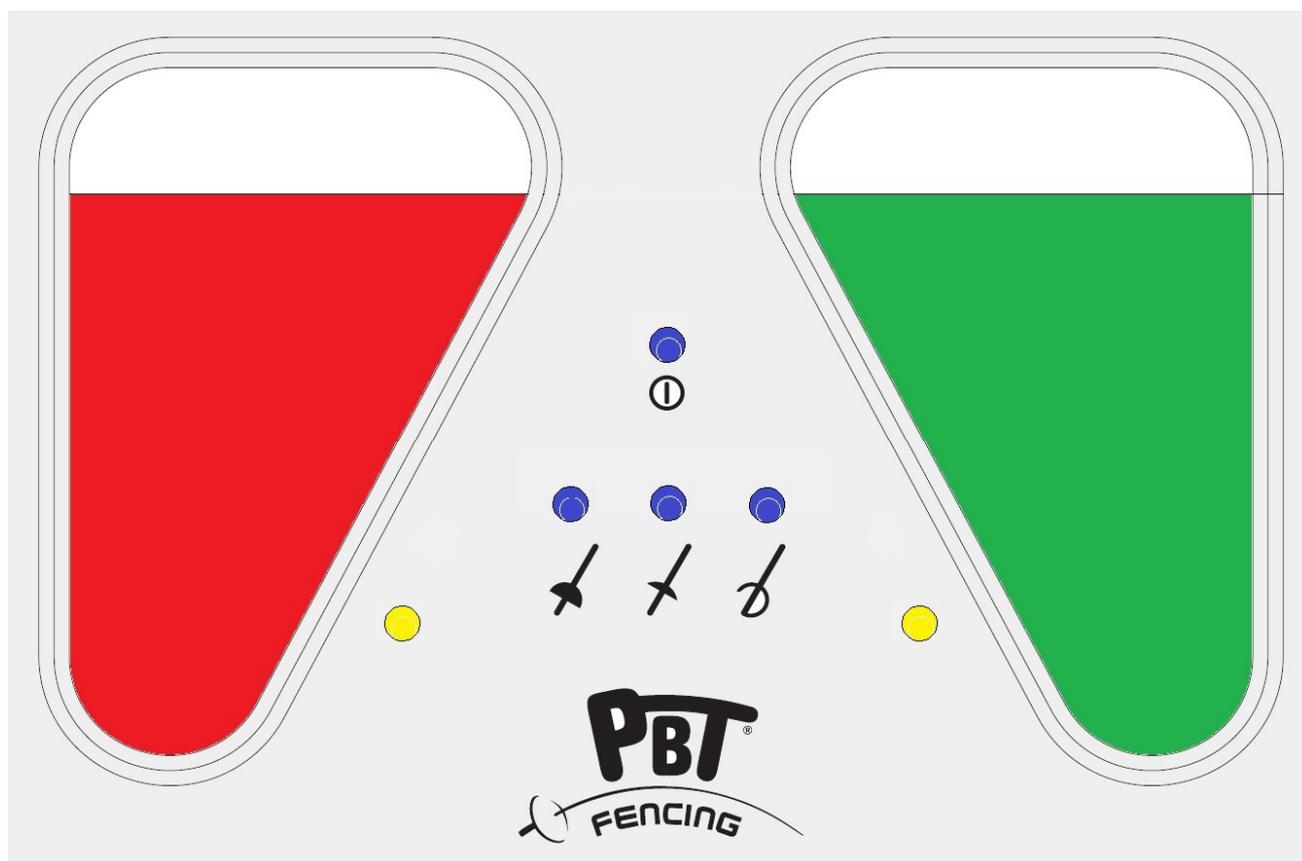
MultiTalent Basic Control Buttons



The control buttons and the indicator from left to right:

On/Off	Switch on and off button of the device
White LED	Indicates the connection of the device to the electric power network and the charging of the internal batteries
Weapon /Auto score	Select weapon In case of a Basic device it has no function. If equipped with side panels, used together with the Fn. function button, in épée mode, it manages the automatic score indication or switches it off.
Time setting	In case of a Basic device it has no function. If equipped with side panels adjusting the match time.
Remote	In case of a Basic device it has no function. If equipped with side panels, used together with the Fn. function button manages the pairing of the remote control – scoring machine.
Volume	Manages the setting of the audio tone and volume of the scoring machine. Two tones can be set, with two different volumes each. Setting different tones can help in differentiating the hits made on various pists in the fencing hall.
Fn.	Function (Fn) button. For the use of the second functions of the scoring machine. The white functions on the keyboard are only accessible if pushed together with the function button at the same time.

MultiTalent Basic displays



Positioned mounted electronic panel behind the thermoplastic polyester front panel, where LEDs project onto the light front panel. Left side red and the right side green divided display. The white LEDs are also located on the top divided display with the color red and green LEDs. In case of clear hits the entire surface will light in the color of the specific side and where the white lamp is also relevant the color and the white surface will light divided. In case of sabre and foil if the weapons are unplugged, only the top white surface will light, in case of foil with flashing and beeping white LEDs. The beeping will fade after 15 seconds, the lights are ON until the weapons are connected. In case of the sabre with unplugged weapons the white LEDs are lit mute. In case of epee the yellow LED indicates the hit on the piste and on the opponents guard, in case of the foil and sabre this LED indicates the A-B short-circuit on the specific side meaning the fencer is touching his own lamé with the weapon. The upper blue LED indicates the switched on status of the device. The LEDs above the weapon pictograms indicate the selected weapon.

Safety rules

- Maintenance can only be performed by a specialist
- Protect the device from mechanical impacts
- Always consider the contents of the user manual
- If you experience any irregularity, immediately check with a specialist
- Covering the device is prohibited, always ensure appropriate ventilation.

Must fully comply with the applicable regulations of the competent fire department as well as fire safety rules.

- Shock protection regulations are applicable to the case of connecting the device to the electric power network during its operation.

Guarantee

In the case of a defective product, or if the defect appears later during use, based on Directive 1999/44/EC the consumer may exercise his guarantee rights within two years calculated from the purchase of the consumer product.

Please, with your complaint in the case of a product defect, contact the distributor that you purchased the product from.