

Tailor-made Products

iButton credit recharging box / 170x85x34mm



Reference :

JMPCBR + voltage + Display background color
 CC

Example : JMPCBR9CCB

Advertisings on display, other silkscreens,
 specific reload increment.

/Generalities

The portable charging box allows to crediting the «iButton» cells (Maxim), using technology One-wire with the reference : Maxim DS1972. Thanks to 4 touches and the blue display with 2x16 characters, the user can easily add or subtract time of use or credit, to use the steering and command boxes.

/Description

- Enclosure : Black ABS (UL 94-V0), IP54, Sizes : 170 x 85 x 34mm (6.7"x 3.4" x 1.4"), with battery compartment for housing a 9V battery (6LR61) provided.
- Base : Allows the reception of the iButton, magnetizable with a diameter of 22mm (0.9").
- Display : Blue background, white writing 2x16 carateres, it allows the general viewing and use of the box, intuitively, and visualization of credit remains within the iButton.
- Keyboard : 4 command buttons (On/Off), (BackLight), (Reset) et (Set). Le keyboard can be cleaned with a wet sponge without corrosive cleaner and wiped with a soft cloth!

/Technical specifications

- Supply voltage (+/-20%) and consumption of the box :

Voltage	9 Vcc	Credit increment	Auto Standby	Battery lifetime
BackLight		step by 60 minutes, 0 up to 720 min	45 seconds	5 Years
High brightness	30 mA			
Low brightness	15 mA			

- Conformities : Norms EN55015, EN61547, EN61000-6-2, EN61000-6-4, ROHS, Reach, CE.
- Lifetime (MTBF*) : 100 000 hours.
- Operating temperature : -0°C à +60°C. (32°F to 140°F).
- IP protection standard : IP54.

(* : mean time between failure)

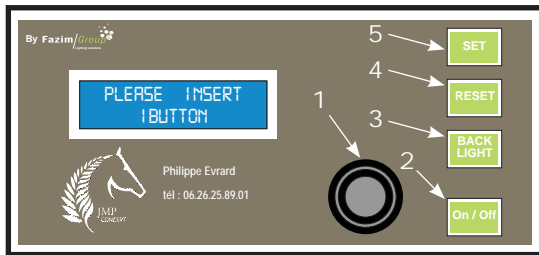
/Advantages

- Insensitivity to vibrations, mechanical shocks.
- Resistance to moisture and water splashes.
- Electrical shocks resist : 5KV during 50µs.
- Immunity against magnetic fields.
- High brightness and high readability display.
- Exceptionally long life and unparalleled.
- Low power consumption and heat dissipation.
- Custom writing, custom silk-screen printing ability.



Operation and use of the box

• Front view :



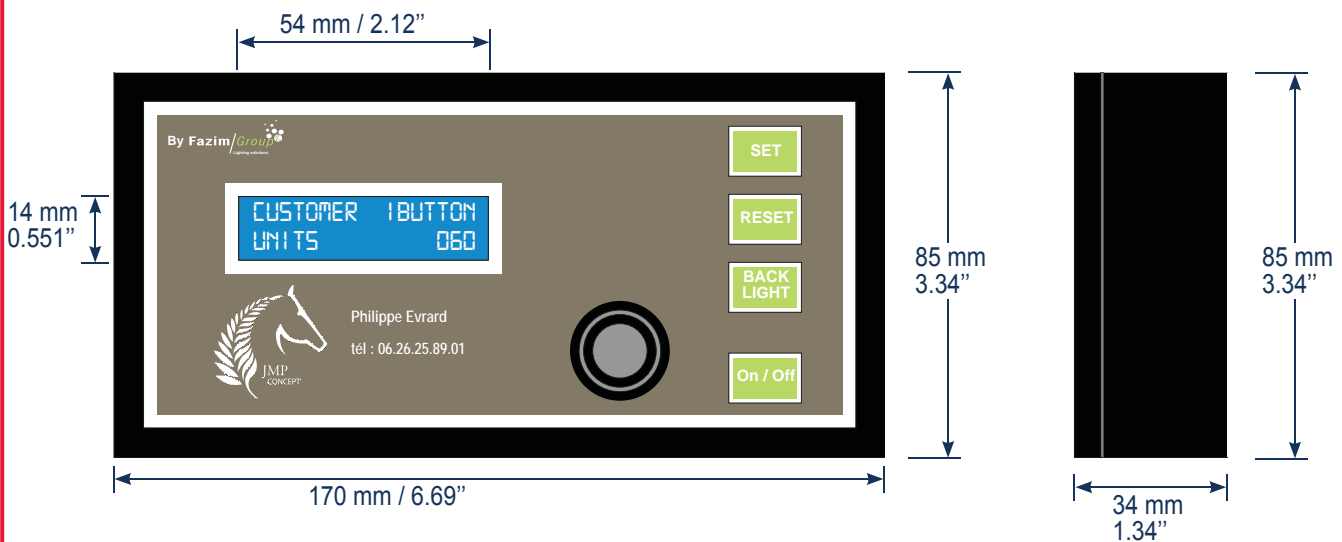
• Use of the box

- 1 : Pedestal, iButton receptacle (not supplied) to communicate with the device for storing credit. iButton reference: MAXIM DS1972. The value of domestic credit to the iButton detected will appear on the screen.
- 2 : On / Off, starting or stopping of the device, it will go to sleep alone after 45 seconds without the use of the latter.
- 3 : BACKLIGHT, allows you to change the brightness of the screen. On the 1st press, the backlight light is at a minimum, on the following press, the maximum brightness will return ...
- 4 : RESET, allows resetting the iButton detected with a confirmation displayed on the screen.
- 5 : SET, incrementing in steps of 60 min. Limit = 720 minutes

• Inside software version : JMPSC - Recharg- V1.01

Mechanical specifications

• Fixing : Without, portable casing. (possibilities fixing lugs and external supply)



Accessories



Options & warranty

- Options : On request, other voltages, other display colors, other silkscreens, add advertisements on display, other iButtons encoding. Using of the ibutton's serial numbers. CRC control, Security encrypting, other ibutton references...
- Warranty : 24 months manufacturer. Do not dismantle the enclosure. No terminal or other metallic thing must be welded or lose the guarantee.
- Recommendation : Using alkaline 9V DC battery or lithium 6LRxx kind. Do not pull so inappropriate on the battery connector.