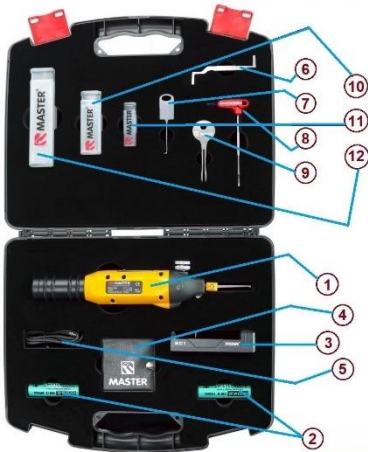


EM-007 Master Expert Manual

Battery Operated Yale ElectroPick Device


Picture 1

- | | |
|-----------------------------|-----------------------------|
| 1 Trigger | 4 Vibration Adjustment Knob |
| 2 Battery Compartment Cover | 5 Pick Blade |
| 3 Pick Blade Holder | 6 Lamp |


Picture 2

- | |
|-------------------------------------|
| 1 Rechargeable ElectroPick Device |
| 2 Rechargeable 5C Lithium Batteries |
| 3 Charging Unit |
| 4 Pick Blade Set |
| 5 USB Charging Cable |
| 6 Thick Tension Tool |
| 7 Thumb Turn Lock Pick |
| 8 Allen Key-2.5 mm |
| 9 Drawer Lock Pick |
| 10 Spare Pick Blades |
| 11 Blade Holder and Screws |
| 12 Tensions in Various Sizes |

Specification

Model	MASTER EXPERT EM-007
Hitting capacity of pins	1 mm - 8 mm
No load speed	0 - 17.000 min ⁻¹
Impacts per minute	0 - 17.000 min ⁻¹
Overall length	232 mm
Rated voltage	D.C. 3,7 V
Net weight	0,34 kg
Gross weight (with battery)	0,40 kg

Due to our continuing program of research and development, the specifications herein are subject to change without notice.

- The weight may differ depending on the attachment(s), including the battery. The lightest and heaviest combination, according to EPTA-Procedure 01/2014, are shown in the table.

Applicable battery and charger

Battery Type	5C
Battery Type	Lithium Ion
Battery Capacity	1.500 – 3.000 mAh
Battery Charge Time	1,5 hour
Charger	XTAR SC1
Charger input voltage (Input)	SV 2.1A

- The battery and charger specifications listed above may vary.

⚠ WARNING: Only use the battery and charger listed above. Use of any other battery and charger may cause injury and/or fire.

Intended use

This tool is a rechargeable electropick tool for unlocking cylinders or closed doors for locksmith professionals.

Noise

The typical A-weighted noise level determined according to EN62841-2-2:
 Sound pressure level (L_{pA}): 85 dB (A)
 Sound power level (L_{WA}): 88 dB (A)
 Uncertainty (K): 3 dB (A)

NOTE 1: The declared noise emission value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.

NOTE 2: The declared noise emission value(s) may also be used in a preliminary assessment of exposure.

⚠ WARNING: Wear ear protection.

⚠ WARNING: The noise emission during actual use of the power tool can differ from the declared value(s) depending on the ways in which the tool is used especially what kind of workpiece is processed.

EC Declaration of Conformity

For European countries only

A copy of the CE declaration of conformity is given in the side column.

⚠ WARNING: DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product.

MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

Vibration

The vibration total value (tri-axial vector sum) determined according to EN62841-2-2

Work mode: impact tightening of fasteners of the maximum capacity of the tool.

Vibration emission (a_h): 2,5 m/s²
 Uncertainty (K): 1,5 m/s²

NOTE: The declared vibration total value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.

NOTE: The declared vibration total value(s) may also be used in a preliminary assessment of exposure.

⚠ WARNING: The vibration emission during actual use of the power tool can differ from the declared value(s) depending on the ways in which the tool is used especially what kind of workpiece is processed.

EU DECLARATION OF CONFORMITY	
AT UYGUNLUK BEYANI	
MASTER TEKNİK TASARIM MAKİNA SANAYİ VE TİCARET LIMITED ŞİRKETİ	
Cumburtaş Mah. Fıfış Sokakı Mehmet Cad. No: 20 34457 Sarıyer, İstanbul	
Tel: +90 212 223 8503 Fax: +90 212 223 8520	
Web: www.mastertrick.com	
ÜÇÜN / Product: MASTER EXPERT YALE SAKLI MAVMUNCUK SETİ (EM-087)	
MARKA / Brand Name: MASTER	
MODEL / Model: Master Expert EM-087	
Yükarıda belirtilen ürünün tasarımı, yapı ve test/envanter prosedürleri, ilgili mevzuatla uyumlu olarak ve ilgili teknik şartnamelere göre gerçekleştirilmiştir. Ürünün ve ilgili teknik şartnamelere göre gerçekleştirilmiştir. Ürünün ve ilgili teknik şartnamelere göre gerçekleştirilmiştir.	
We herewith declare that the product defined above meets the basic requirements regarding safety, health and relevant provisions of the relevant EU Directives by design, type and the version which are brought to circulation by us. In case of any products changes made with our approval, this declaration will be void.	
28102008 28102002	Elektronik Ürünlerin Uygunluk Beyanı Electronic Compliance Declaration
Yerel/İst. Antares	
Name & Surname: Cananletti YILMAZ	
Unvan / Position: Genel Müdür / General Manager	
Yer, Tarih / Place / Date: İstanbul 17.10.2022	
İmza / Signature:	
	

SAFETY WARNINGS

General power tool safety warnings

⚠ WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your cordless, battery-operated power tool.

Safety warnings for the Battery-powered Yale ElectroPick

1. **Hold the power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring.** Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
2. **Always be sure you have a firm footing.** Be sure no one is below when using the tool in high locations
3. **Hold the tool firmly.**
4. **Wear ear protectors.**
5. **Keep hands away from vibrating parts.**
6. **Use a tension supplied with the tool set.**

Important safety instructions for battery

1. **Do not disassemble or tamper with the battery.** It may result in a fire, excessive heat, or explosion.
2. **If operating time has become excessively shorter, stop operating immediately.** It may result in a risk of overheating, possible burns and even an explosion.
3. **If burr gets into your eyes, rinse them out with clear water and seek medical attention right away.** It may result in loss of your eyesight.
4. **Do not short the battery cartridge:**
 - (1) **Do not touch the terminals with any conductive material.**
 - (2) **Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.**
 - (3) **Do not expose battery cartridge to water or rain.**

A battery short can cause a large current flow, overheating, possible burns and even

a breakdown.

5. **Do not store and use the tool and battery in locations where the temperature may reach or exceed 50 °C (122 °F).**
6. **Do not incinerate the battery even if it is severely damaged or is completely worn out.** The battery can explode in a fire.
7. **Do not nail, cut, crush, throw, drop the battery or hit against a hard object to the battery.** Such conduct may result in a fire, excessive heat, or explosion.
8. **Do not use a damaged battery.**
9. **The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements..**

For preparation of the item being shipped, consulting an expert for hazardous material is required. Please also observe possibly more detailed national regulations.

Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging.
10. **When disposing the battery remove it from the tool and dispose of it in a safe place.** Follow your local regulations relating to disposal of battery.
11. **After use, the battery should be removed from the tool.**
12. **Carry the tool in its original bag.**
13. **During and after use, the battery may take on heat which can cause burns or low temperature burns.** Pay attention to the handling of hot battery cartridges.
14. **Do not touch the terminal of the tool immediately after use as it may get hot enough to cause burns..**
15. **Do not allow chips, dust, or soil stuck into the terminals, holes, and grooves of the battery cartridge.** It may cause heating, catching fire, burst and malfunction of the tool or battery resulting in burns or personal injury.
16. **Keep the battery away from children.**

Inserting and removing the battery

Tips for maximum battery life

1. Charge the battery before it is completely discharged. When you notice that the power of the tool is starting to weaken, stop the tool, replace the battery and charge the discharged battery.
2. Never recharge a fully charged battery. Overcharging shortens the service life of the battery.
3. Charge the battery at room temperature of 10°C - 40°C (50 °F - 104 °F). Allow a hot battery to cool before charging.
4. Remove the battery from the tool or charger when not in use.

Switch action

► Picture 1 – No: 1 Switch trigger

To start the tool, simply press the switch trigger. Release the switch trigger to stop.

Lighting up the front lamp

► Picture 1 – No: 6 Lamp

⚠ CAUTION: Do not look in the light or see the source of light directly.

Press the switch trigger to light the lamp. The lamp stays on while the switch trigger is pressed. The lamp goes out about 10 seconds after the key trigger is released.

NOTE: Use a dry cloth to wipe the dirt off the lens of the lamp. Be careful not to scratch the lens of lamp, or it may lower the illumination.

Manufacturer and Dealers

Manufacturing Company:

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www.masterpick.net

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Dealer in Italy:

ParmaKey S.R.L.
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+39 0521 242809 | info@parmakey.it

⚠ WARNING: Hold both the tool and the battery firmly when inserting or removing the battery.

Failure to hold the tool or battery tightly may result in them being dropped, resulting in damage or serious damage to the tool and/or battery.

Operation

► Picture 1

Open the tool's battery compartment. (Pic.1-No:2)
Insert one of the batteries in the set. Make sure that the pick blade is attached to the tip of it. (Pic.1-No:5)
Take one of the tension included in the set and place it above the lock core. Insert the key on the end of the device through the lock core. (Pic.1-No:5)
Start the tool by holding down the trigger. (Pic.1-No:1)
Start from the back and work your way forward to hit the pins. In the meantime, make sure that the pins you have dropped are down by pressing the tension lightly. When you drop all the pins, with the help of the tension in your other hand, the lock core will turn and open the door.

► Picture 1-No: 3 Pick Blade Holder

When you want to change the pick blade, loosen the nut in No-3 with the allen wrench included in the set, insert the new blade and tighten the nut again.

► Picture 1-No: 4 Vibration Adjustment Knob

Do not use this setting button unless absolutely necessary. (Pic.1-No:4)

This adjustment knob is used to determine the limits of the up-down movement of the pick blade attached at the tip. This gap should be in the range of 3-6 mm.

Maintenance

The tool does not need periodic maintenance. When you are not using the tool, we recommend that you remove the lithium-ion battery from its socket and store the tool in its own bag.

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