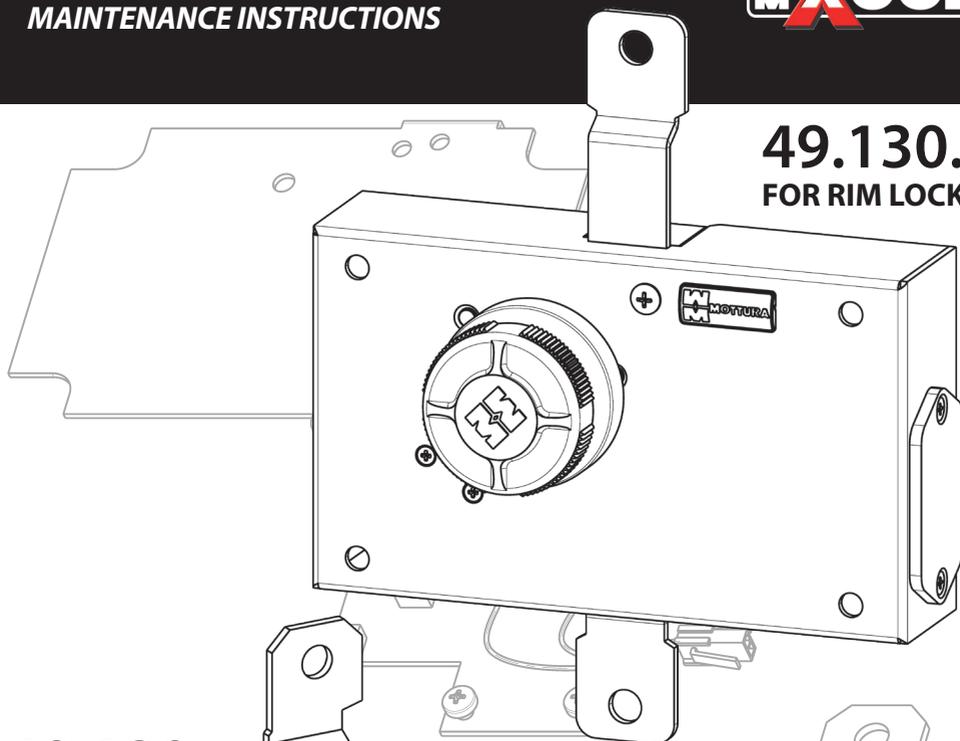


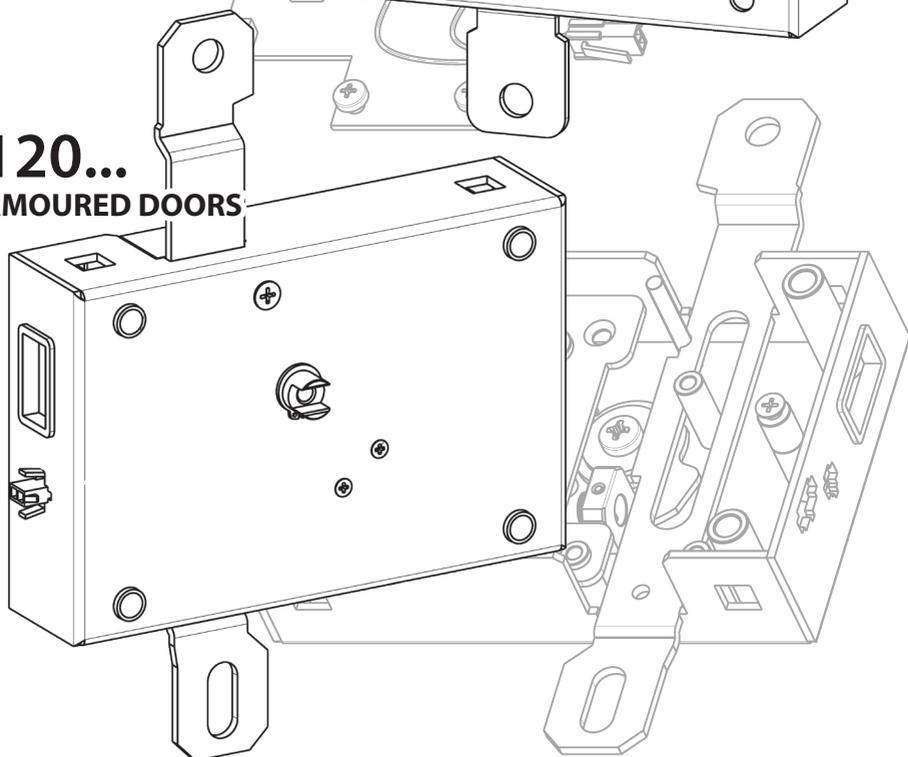
**ELECTRONIC BAR STOP  
INSTALLATION, USE AND  
MAINTENANCE INSTRUCTIONS**



**49.130...**  
**FOR RIM LOCK**



**49.120...**  
**FOR ARMoured DOORS**



## 1 - GENERAL INSTRUCTIONS

Mottura Serrature di Sicurezza S.p.A. thanks you for choosing this product and reminds you to:

- read the instructions very carefully before using or doing any maintenance on the product.
- contact authorized dealers only in case of problems.

Mottura Serrature di Sicurezza S.p.A. may change the characteristics of the products described in these instructions at any time and without notice.

### 1.1 - WARRANTY TERMS

This product has been inspected by Mottura Serrature di Sicurezza S.p.A. and is guaranteed to be free of all manufacturing defects for the time specified by current Italian law, starting on the date of purchase indicated on the sales receipt. The warranty is in force if the sales receipt, showing details identifying the product, is exhibited to customer service personnel.

The warranty covers the replacement or repair of parts found defective at origin due to manufacturing defects. Costs of shipping to and from service centers will be paid by the customer.

In case of repeated malfunctions of the same type or unrepairable defects, Mottura Serrature di Sicurezza S.p.A. may, at its own discretion, replace the complete product. The warranty on the replaced product will continue until expiration of the original warranty.

If work is necessary at the customer's home, the customer will – if requested - be required to pay a charge for the costs of transfer of authorized technical personnel.

Transport will be at the customer's risk if the product is sent by the customer and at the authorized technician's risk if the product is picked up and transported by the technician.

### 1.2 - LIMITS OF LIABILITY

The warranty does not cover damage deriving from:

- negligence, carelessness or use in any manner not described in these instructions
- lack of protection of the lock prior to carrying out any work operations on the door, such as drilling or welding (welds, panel holes, structure holes, etc.), which may generate waste materials that will hinder the correct operation of the lock upon entering its mechanism
- maintenance performed in any manner not described in these instructions or by unauthorized personnel
- transport without the necessary precautions and from any circumstances that cannot be attributed to manufacturing defects

Operating temperatures between -10°C to +55°C. Proper operation of the lock by the batteries is guaranteed within the temperature range indicated. Should temperatures reach or exceed the limits, battery performance may be rapidly decline, thus causing the electronics malfunctioning.

In addition, Mottura Serrature di Sicurezza S.p.A. declines all liability for any damage to persons or property deriving from failure to observe all of the precautions described herein.



#### **WARNING**

*For safety reasons REPLACE MASTER and SERVICE codes with PERSONAL codes (chapter 9-10).*

## 49.120 - XCODE FOR ARMoured DOORS

## 49.130 - XCODE FOR RIM LOCK

### 2 - THE PACKAGE

The standard box contains :

- **Electronic block-bars**
- External escutcheon with keypad art. 99716xx
- Internal escutcheon art. 95321xx
- Cables for connections as shown in diagram (Chapter 4)
- Battery holders (art. 99720 ) to be fixed to the door side complete with 9V alkaline battery (6LR61 type)
- Adjustable knob for inside unlocking (Chapter 6)
- Bar hooking pin.

The standard box contains :

- **Electronic block-bars** complete with knob and button
- External escutcheon with keypad art. 99716xx
- Cables for connections as shown in diagram (Chapter 4)
- 9V alkaline battery (6LR61 type)
- Fixing screws and nuts; bar hooking pin.

### 3 - INSTALLATION

Check whether the XCODE and the existing lock or the lock that is to be installed are compatible: the lock bar travel should be between 17 and 23 mm. Close the lock (bolts engaged) and connect it directly to the XCODE, which should already be in the locked position.

If the lock is already existing may be used, an optional plate art.94399D/S (art.94400D/S CISA type) (fig.1A - type A).

XCODE can be mounted directly using the hooking pin (fig.1A - type B) or with the connecting bar (fig.1A - type C) not included in the package (art. 93 317). Carry out, if necessary, a registration through slot on lower bar attachment for the proper functioning of XCODE.

XCODE can be mounted directly using the hooking pin (fig.1B - type B) or with the connecting bar (fig.1B - type C) not included in the package (art. 93 317).

fig.1A

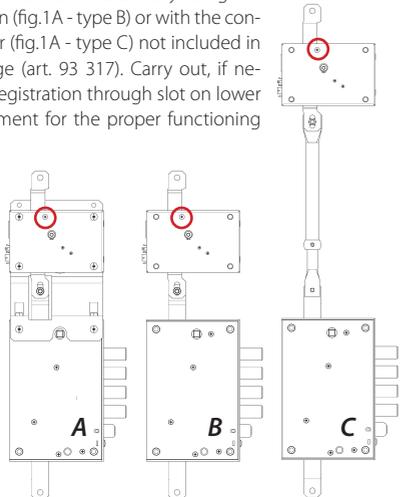
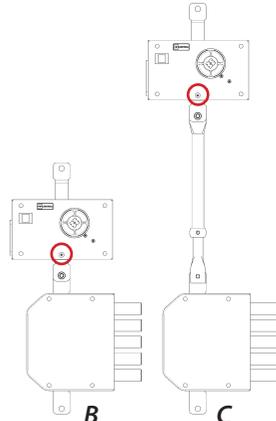


fig.1B



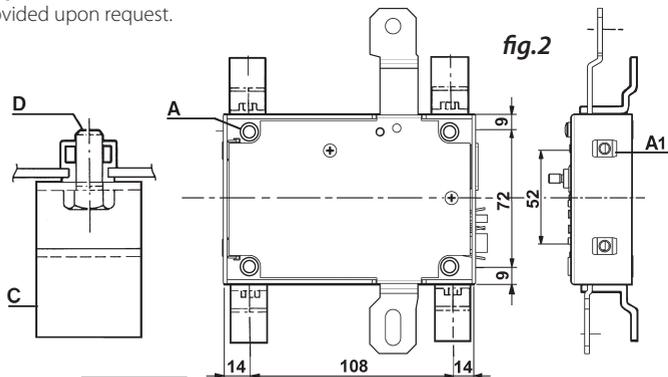
Mark the position of internal (Chapter 6 - 49.120 only) and external escutcheons (Chapter 5). Connect as shown in the "CONNECTION DIAGRAM" (Chapter 4). After, remove the "positioning screw E" (fig.1A/B) blocking the bar attachment.

**XCODE 49.120** can be fixed by two different systems (fig. 2):

- with the standard bushings "A" and 2 front cage nuts "A1"
- with side attachments, using 4 cage nuts provided upon request.

- A** - Bushings
- A1** - Front cage nuts
- C** - Welding plate (Art.9839056)
- D** - 6MAx12mm screw (Art.9856025Z)

**C, D** are not included in the package. **DO NOT** fix XCODE using a welding machine, as this may severely damage the electronic circuit and the product's warranty will **NO** longer be valid.



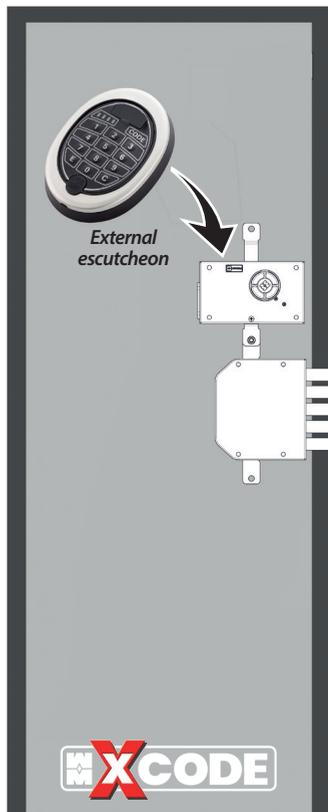
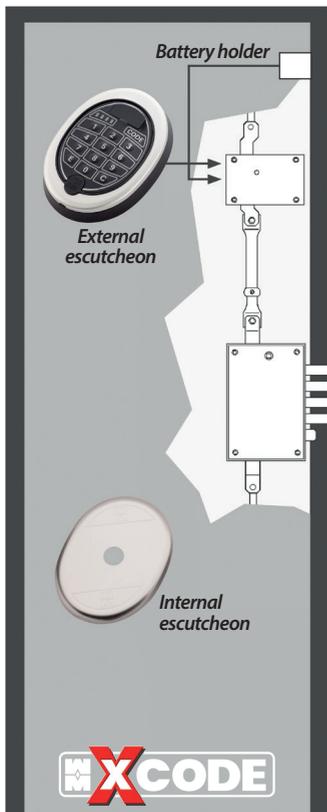
**4 - CONNECTION DIAGRAM**

Connect the wires while respecting their position. Make sure the connections are securely fastened. Do not use other sources of power than the battery holders (supplied). It is recommended that the alkaline batteries may be replaced every year.

**DO NOT USE RECHARGEABLE BATTERIES**



*Old batteries are harmful to the environment. They should be disposed of as prescribed by law, in appropriate containers available with retailers.*



External escutcheon

Cable 99.718  
L= 450 mm



Battery holder with battery  
9V 6LR61 supplied  
Cable L= 1500 mm

External escutcheon

Cable 99.717  
L= 110 mm

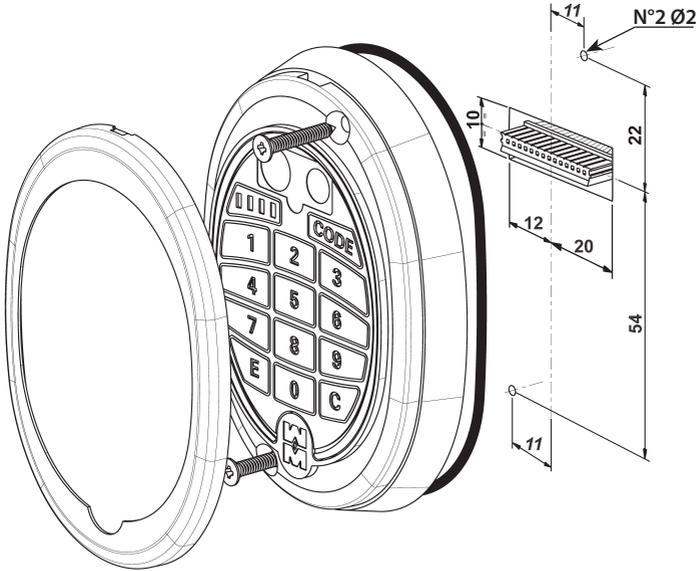


Battery 9V 6LR61 supplied

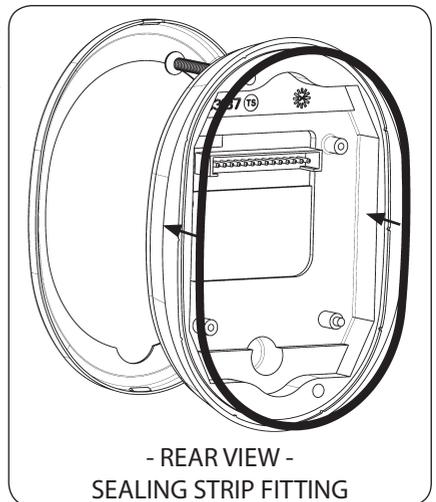
**5 - EXTERNAL ESCUTCHEON**

The external escutcheon, provides 13 button keys and four LED (blue-green-red-yellow). You can block / unblock XCODE by means PIN code numbers (the keyboard allows the insertion of two PIN codes), one MASTER and one SERVICE, including 6 to 8 digits editable at any time (Chapter 9-10).

Please refer to the following diagram for indications regarding installation, or using the drilling template supplied, making sure that the length of the connecting cable is suitable for installation. Should the escutcheon be installed differently to that indicated, ensure that the wire is sufficiently long, so as not to disturb the movement of the bars or the limiter.



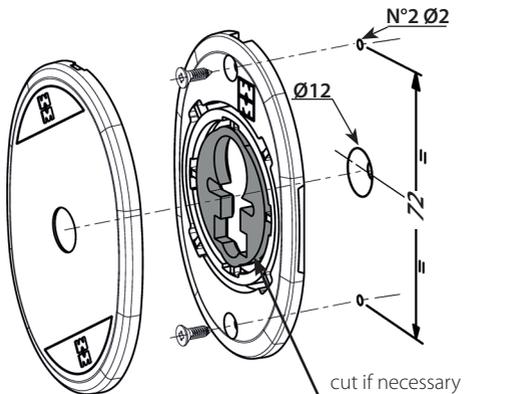
Before to fix of the escutcheon on the panel (using the two screws supplied with the product), position the sealing strip in its appropriate housing located on the rear of the escutcheon (see 'rear view') and insert the connector, ensuring that it is properly connected. Upon completing the installation, insert the metallic escutcheon cover, which is available in different finishes.



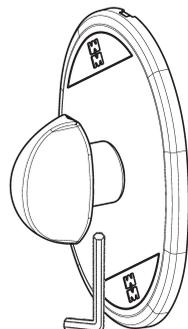
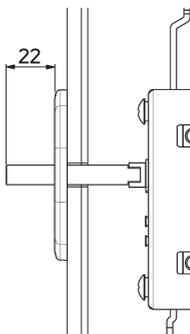
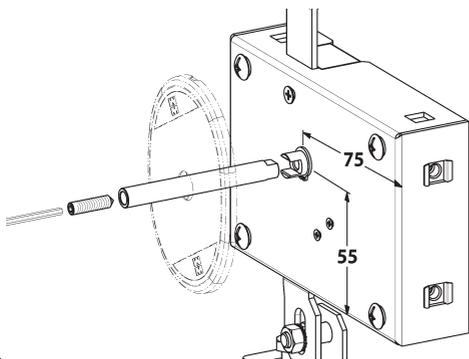
**49.120 - XCODE FOR ARMOURED DOORS**

**6 - INTERNAL ESCUTCHEON**

The internal escutcheon, provides a hole for the pin on which to mount the knob XCODE release. Please refer to the following diagram for indications regarding installation, or use the drilling template provided.

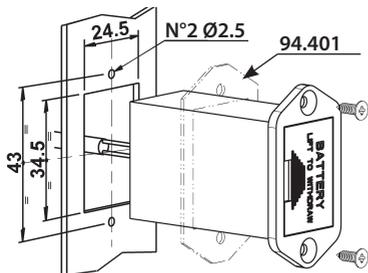


- Insert the pin (L = 70 mm) support knob all the way.
- Insert the locking pin (Allen key 2.5 mm). Cut, if necessary, the escape of the pin (max 22 mm).
- Fix the knob supplied on the support pin and fix the grub socket screw (Allen key 3 mm).



**7 - BATTERY HOLDER**

Place the battery holder in the selected position. Using the drilling template supplied. If necessary, you can insert an optional flange finisher (99.401) as shown in the figure.



Art. 99720



Art. 99.401

**8 - ACTIVATION INDOOR / OUTDOOR**

*NOTE: XCODE is activated only when lock is locked.*

INTERNAL SIDE

To activate/unlock XCODE use the knob by a slight rotation.

EXTERNAL SIDE

To activate XCODE press keys in sequence "CODE" (BLUE LED illuminated) and "C" (flashing GREEN LED followed by RED LED).

To unlock XCODE enter code (MASTER / SERVICE) with minimum 6 and maximum 8 digits :

**FACTORY MASTER CODE : 11 11 11 ----- FACTORY SERVICE CODE : 22 22 22**

Press "CODE" (BLUE LED illuminated), digit the personal code (flashing RED pressure of each key) followed by "E" (flashing red LED followed by GREEN LED). If you enter a code WRONG, and before pressing E key confirmation, you can delete all the numbers by C key, and then repeat the operation. If the code is WRONG after pressing the button "E" RED LED flashes three times.

*NOTE: After inserting WRONG code three times, the system stops for 30 sec. Each subsequent error involves blocking system for 30 sec. until you set the correct code. This state will be reset to the first correct entry code.*

**9 - CHANGE MASTER CODE**

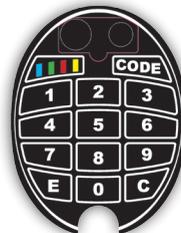

**WARNING: You should take careful note of the new MASTER code once amended. Only you will know the new code. If forgotten, it will NOT be possible to act on the lock compromising in an IRREVERSIBLE way the use of XCODE. It is mandatory that a service technician replaces the XCODE. After 5 seconds of programming mode, if any operation is performed, the system automatically exits and returns to stand-by.**

MINIMUM number of digits in the code : 6

MAXIMUM number of digits in the code : 8

- Press **CODE** (BLUE LED illuminated)
- Press **E** key - Press **C** (BLUE and GREEN LED lit fixed)
- Enter **code MASTER** currently in use (11 11 11 if the first installation)
- Press **E** key (LED BLU fixed GREEN turns off and then back on steady)
- Insert new **code MASTER** (minimum 6, maximum 8 digits)
- Press **E** key (LED BLU fixed GREEN flashes 2 times)
- Re-enter the new code for confirmation **MASTER**
- Press **E** key (LED BLU fixed, led flashing GREEN then the LEDs are turned off).

The new codes will be active ONLY if previous operations were carried out in the correct order and without errors, otherwise the old codes remain stored.


**10 - CHANGE SERVICE CODE**

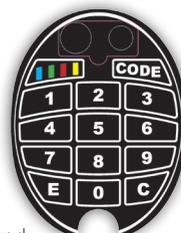

**WARNING: You should take note of the new SERVICE code when amended. If you forget, you can use XCODE with the MASTER code only and must include a new SERVICE code as per following procedure. After 5 seconds of programming mode, if any operation is performed, the system automatically exits and returns to stand-by.**

MINIMUM number of digits in the code : 6

MAXIMUM number of digits in the code : 8

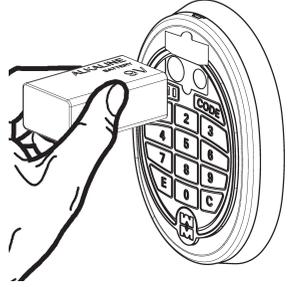
- Press **CODE** (BLUE LED illuminated)
- Press **E** key - Press **C** - Press **C** (led BLUE, GREEN and YELLOW permanently on)
- Enter **code MASTER** currently in use (11 11 11 if the first installation)
- Press **E** key (LED BLU fixed, GREEN and YELLOW go off and then come back permanently on)
- Insert new **code SERVICE** (minimum 6, maximum 8 digits)
- Press **E** key (LED BLU fixed, GREEN and YELLOW flash 2 times)
- Re-enter the new code for confirmation **SERVICE**
- Press **E** key (LED BLU fixed, dual LED flashing GREEN, YELLOW fixed, then the LED will turn off).

The new codes will be active ONLY if previous operations were carried out in the correct order and without errors, otherwise the old codes remain stored.



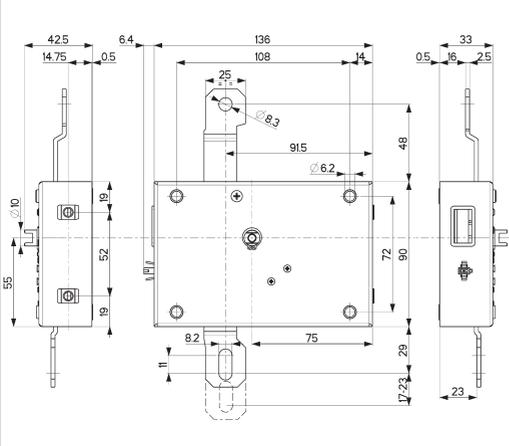
**11 - SIGNALS OUTSIDE DOOR**

ENTER WRONG CODE	Digit the code, pressing E key, if wrong RED LED flashes three times.
INSUFFICIENT BATTERY	When you press "CODE" key, YELLOW LED flashes three times. We recommend replacing the battery. <b>DO NOT USE rechargeable batteries.</b>
BATTERY DISCHARGED	<p>When you press "CODE" key, RED and YELLOW LED flash. The escutcheon goes off without permitting to enter the code. Battery change is needed. <b>DO NOT USE rechargeable batteries.</b></p> <p>In case of emergency (the battery does not have enough power to operate the system), you can use a common 9V alkaline battery, directly on the appropriate contacts placed on the plate under the window. The battery must lean on the contacts while digiting the code.</p> <p>Once XCODE is unlocked open the lock and provide to immediate replacement of the battery.</p>



**WARNING : Used batteries are harmful to the environment !!**  
**Must be disposed of in the appropriate containers at retailers, as prescribed by law.**

**49.120**



**49.130**

