TEC2

USER/INSTALLER MANUAL

v1.5
REV. 12/2025

83mm

116mm

22mm

Motorline®
PROFESSIONAL
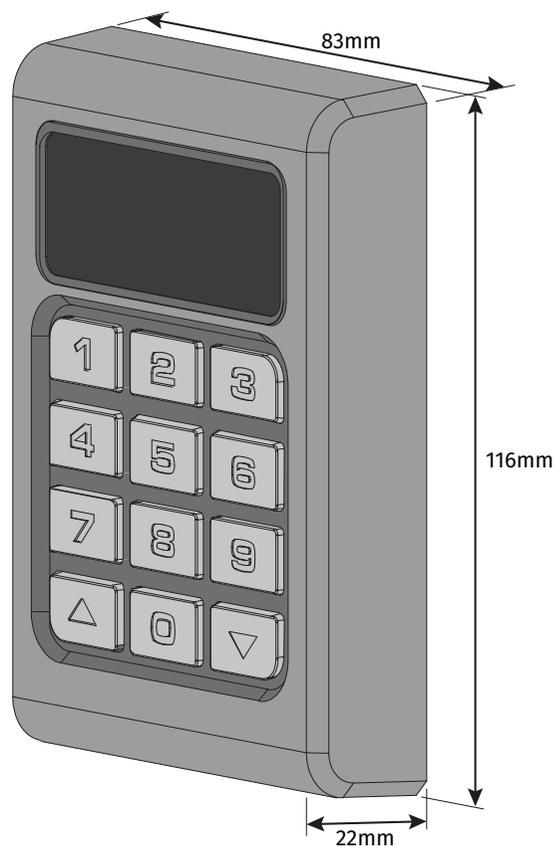
TEC2

Wireless keyboard suitable for outdoor use:
• Protection class: IP65
• Can open up to 2 devices on the same keyboard
• Anti-vandalism - built in aluminum
• Built-in lighting on the buttons
• Battery powered
Compatible only with Motorline® control boards or receivers.

WARNINGS

• Keep in mind that door and gate opening automations should only be installed by qualified technicians, complying with all standards established by law.
• Before proceeding with the installation, make sure that all requirements mentioned in the "Technical Characteristics" chapter are met.
• This product was designed to control the automation of opening doors, gates, and similar mechanisms. Any use other than that provided for in this manual is considered inappropriate and will invalidate the warranty.
• Operating range may be 25-30% shorter with low battery.

TECHNICAL CHARACTERISTICS

• **Battery**	CR2450 3V DC/580 mAh
• **Frequency**	433.92 MHz or 868 MHz
• **Transmission power**	0.1 mW
• **Maximum code limit**	0 to 8 digits (99,999,999 combinations)
• **Medium range in open space**	100 meters
• **Medium range in closed space (with obstacles)**	35 meters
• **Battery capacity**	2 years with average use of 10 emissions per day
• **Auto sleep mode time**	5 seg.
• **Protection class**	IP65
• **Operating temperature**	-20°C to +50°C
• **Dimensions**	83 × 116 × 22 mm
• **Weight**	300 g

INSTALLATION

Before carrying out the actual installation, you must test the keyboard in order to confirm the effective signal range and its proper functioning. Attach the mounting bracket (Fig. 1) and install the keyboard on it (Fig. 2).
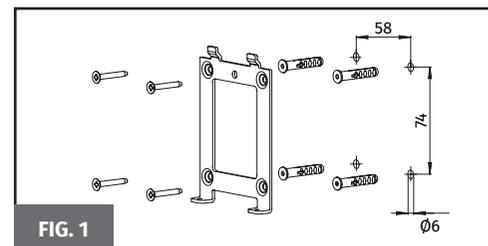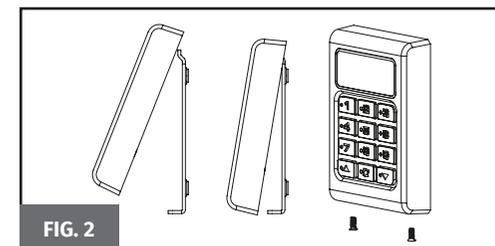
58
74
Ø6

FIG. 1

FIG. 2

METHOD OF USE

Using the keyboard is based on a previously programmed button combination using the numeric keypad. After entering the numeric button combination, the ▼ or ▲ , button must be pressed, depending on the channel you want to use:
 • Channel 1 if the ▲ button is pressed
 • Channel 2 if the ▼ button is pressed

The signal will only be transmitted when a valid button sequence has been entered, if an invalid sequence has been entered, the Keyboard will emit an audible warning (5 short beeps). The combination entered must be exact, as if e.g. is 0422, combinations such as 422, 10422 ▼ or ▲ 04222 will be interpreted as wrong. Therefore, if you have inadvertently pressed a wrong button, you must press or to generate the input error and clear the memory, and after the beep you can enter the correct sequence.
While entering the correct sequence you must not let more than 6 seconds pass between each button press, otherwise the Keyboard will clear the memory, you must enter the entire sequence again.

Audible signal	Meaning
1 short beep	Functioning of buttons when entering a combination.
1 long beep	Correct combination.
5 short beeps	Error typing (or combination change).
1 silent beep after pressing the button	Low battery signal. The battery must be replaced.

	Default Password
Administrator	999999
Button ▲	1234
Button ▼	1234

SET PASSWORD

To set the administrator password, **the device must be in STANDBY mode** (the keypad light is off).
Set the administrator password:
 1. Press and hold ▲ button, then press ▼ button.
 2. Release the ▲ and ▼ buttons after hearing **the buzzer emiting a long sound, indicating that it has enter the administrator password setting.**
 3. Enter the default password (999999) and press the ▲ button.
 4. Enter the new administrator password and press the ▲ button.
 5. Enter the new administrator password again and press the ▲ button again.
The buzzer will emit a long sound, indicating that the administrator password has been successfully set.

⚠️ The administrator password works for both buttons, ▲ and ▼.

For a user, one password will be set for the ▲ button and another password for the ▼ button.
Set user password for ▲ button:
 1. Press and hold **0** button, then press ▲ button.
 2. Release the **0** and ▲ buttons after hearing **the buzzer emiting a long sound, indicating that it has enter the user password setting of the ▲ button.**
 3. Enter the administrator password and press the ▲ button.
 4. Enter the new user password and press the ▲ button.
 5. Enter the new user password again and press the ▲ button again.
The buzzer will emit a long sound, indicating that the user password for the ▲ button has been successfully set.

SET PASSWORD

Set user password for ▼ button:
 1. Press and hold **0** button, then press ▼ button.
 2. Release the **0** and ▼ buttons after hearing **the buzzer emiting a long sound, indicating that it has enter the user password setting of the ▼ button.**
 3. Enter the administrator password and press the ▼ button.
 4. Enter the new user password and press the ▼ button.
 5. Enter the new user password again and press the ▼ button again.
The buzzer will emit a long sound, indicating that the user password for the ▼ button has been successfully set.

⚠️ If no combination is entered when setting a new password, the security system will be disabled, and you will simply be able to press the ▲ and ▼ buttons to trigger impulses from channels 1 or 2, respectively.
When the code has the maximum number of digits and combinations of different digits, it provides high access security. **Store your personal code in a safe place, in case it is needed.**

CHANGE THE BATTERY

To change the battery, you must remove the keyboard from the wall, open the keyboard and change the battery (Fig. 3).
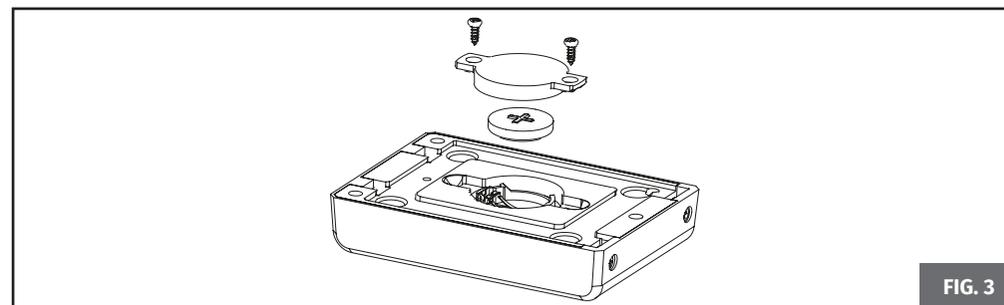

FIG. 3

Simplified EU Declaration of Conformity

The undersigned *MOTORLINE ELECTROCELOS, S.A., with registered office at Travessa do Sobreiro, n.º 29, 4755-474 Rio Côvo (Santa Eugénia), Barcelos*, declares that the present type of radio equipment - **Wireless keypad TEC2** - ecomplies with the Directive 2014/53/EU.

The full text of the declaration of conformity is available at the following internet address:

https://motorline.pt/certification/tec2

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