RXD-FF

MKN | Technical manual | Reading edition

Technical content from the original MKN document, reorganized for computer, mobile and printed reading. Diagrams and board markings are preserved. Check the model and revision before installation. Reference translation; consult the Portuguese original if in doubt.

DOUBLE COMMAND RECEIVER

FOR COM INTER-LOCK CLOSURE

Features

Operation

Installation

programming Wireless Control (TX) or push button

Erasing the memory

FEATURES:

• Power: External source from 12V

• For 2 magnetic lock with interlock function (opens only 1 lock at a time)

• Records up to 248 controls and up to 3 buttons per control without occupying a new memory position.

• Accepts remote controls in the Code-Learning and Rolling-Code system in 433MHz

• Input for external push button

OPERATION:

Double receiver for activating a Magnetic Lock (electro-magnet closure) or Electric Lock (pulsing 12V), with interlocking option to manage access for people in an enclosed area. It can be controlled by remote control (TX), push button WIRELESS, or push button COM WIRELESS. It can also interlock with other MKN equipment that has the INTERLOCK feature, making all equipment work together. Example: This receiver and the Mixx model gate control board connected to each other via the INTERTRAV connector; if the gate is opened, the social door is prevented from opening, and the same happens in the opposite situation; that is, if the social door is opened, the gate is prevented from opening. Up to 10 devices can be connected to each other via INTERTRAV communication.

INSTALLATION:

CONNECTION TO INTERLOCK

COM MORE MKN PRODUCTS

(optional)

PROGRAMMING AND CONFIGURATION MENU FOR EACH CHANNEL:

1 CHANNEL

2 CHANNEL

Selects whether the output will have a pulsating or continuous signal

On: Door open

Connector for door sensor. If not using, keep these pins closed with a jumper

Connector for external push button (optional)

Button for programming remote control

CHOOSE THE CHANNEL OUTPUT TYPE:

External Source

12V / 2A

NF: NORMALLY CLOSED = MAGNETIC LOCK* (CLOSE)

NA: NORMALLY OPEN = ELECTRIC LOCK*

Note: Locks do not require polarization

NOTE:

• Magnetic Lock is constantly powered (NF) to keep the door closed.

• Electric lock works in contrast to the magnetic one, it must receive power only when it is unlocked, activation NA)

in the connection of

wires (+ and -)

CLOSE1:

CLOSE2:

PULSATING

NO | YES

SENSOR2

SENSOR1

BUTTONHOLE1

BUTTONHOLE2

PROG.1

PROG.2

programming CONTROL or push button WIRELESS:

remote controls and also push buttons can be recorded wirelessly. Registration is for up to 248 wireless devices and up to 3 buttons per remote control without occupying a new memory location.

1°

HOLD down the button on the wireless controller or push button you want to record

control

wireless

Choose the channel to record the control: PROG.1 = Channel 1 PROG.2 = Channel 2 and slowly press the chosen button by 2x.

2°

press 2x channel1 channel2

3°

Note the LED:

3 blinks: Recorded successfully 2 blinks: Added button on control already recorded 1 blink: Control and button already recorded 1 long blink: Memory full

LED

blink response

There are control models that when recording 1 button, the

other buttons are recognized as being the same.

ERASING MEMORY:

The memory is erased by channels, that is, it is possible, for example, to erase all wireless controls and push buttons registered on Channel 1 (FECH1) without erasing what is recorded on channel 2 (FECH2). If you want to completely erase the memory, then erase both channels.

1°

Press and hold the button for the channel you want to delete: CLOSE.1 (channel

1) = PROG.1 CLOSE.2 (channel

2) = PROG.2

2°

Activate some remote control and the receiver's LED will light up. Note: The control does not need to be registered with control board.

control

3°

CONTINUE HOLDING down the PROG button. receiver for a few seconds until LED flashes 3 times.

LED flashes 3x

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Diagrams and visual reference

Original reference 1



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CARACTERÍSTICAS:

menu

- Alimentação: Fonte externa de 12V
- Para 2 fechadura magnética com função de intertravamento (abre apenas 1 fechadura por vez)
- Grava até 248 controles e até 3 botões por controle sem ocupar nova posição de memória.
- Aceita controles remoto no sistema Code-Learning e Rolling-Code em 433MHz
- Entrada para botoeira externa

FUNCIONAMENTO:

menu

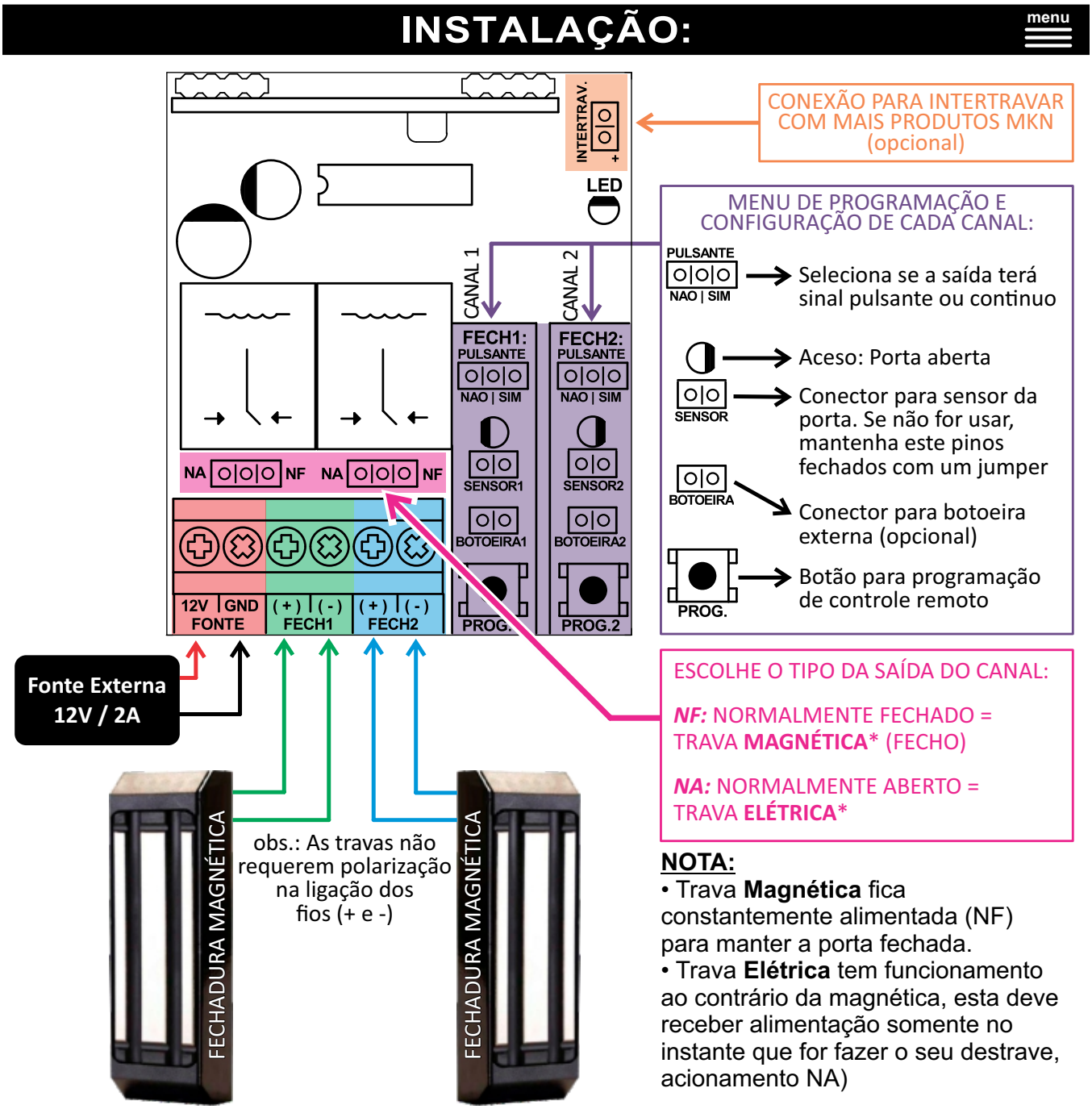
Receptor duplo para acionamento de Fechadura Magnética (fecho de eletro-imã) ou Fechadura Elétrica (12V pulsante), com opção de intertravamento para gerenciar acesso de pessoas em área de clausura.

Pode ser comandado por controle remoto (TX), botoeira SEM FIO, ou botoeira COM FIO.

Também pode se ***intertravar*** com outros equipamentos **MKN** que possui o recurso ***INTERTRAV.***, fazendo todos os equipamentos trabalharem em conjunto. **Exemplo:** Este receptor e a central de portão modelo **Mixx** ligados entre si pelo conector ***INTERTRAV*** ; se o portão for aberto, a porta social é impedido de abrir, e o mesmo acontece na

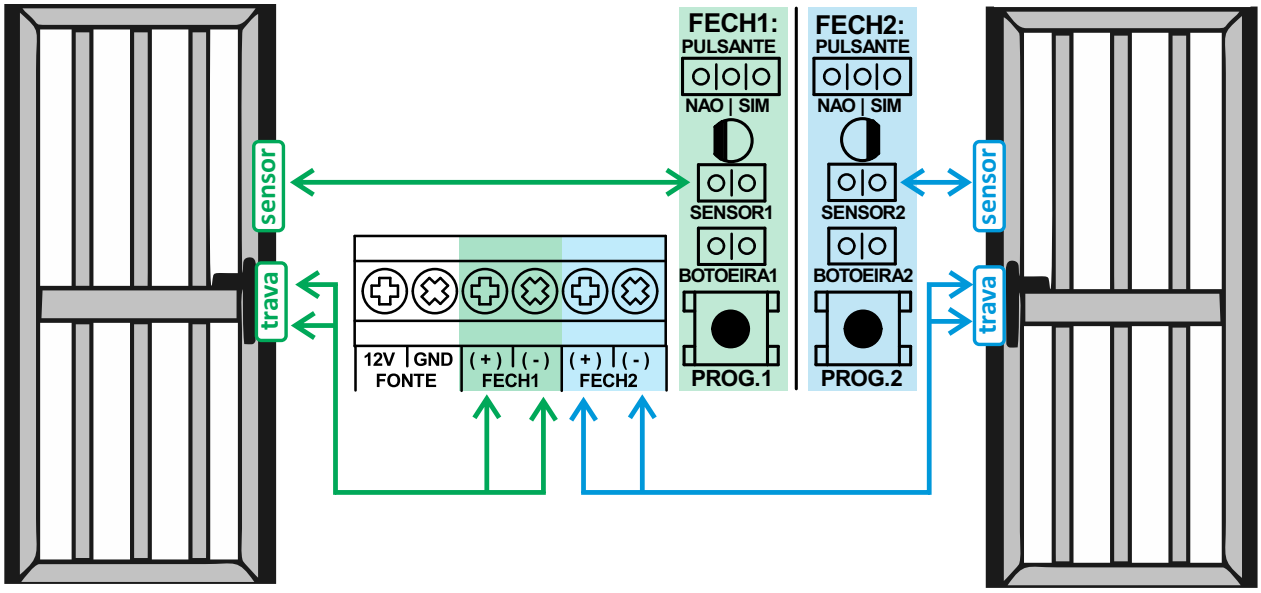
situação contraria; ou seja, se a porta social for aberta, o portão é impedido de abrir.

Pode ser conectado até 10 equipamentos entre si através da comunicação ***INTERTRAV.***



Diagrams and visual reference

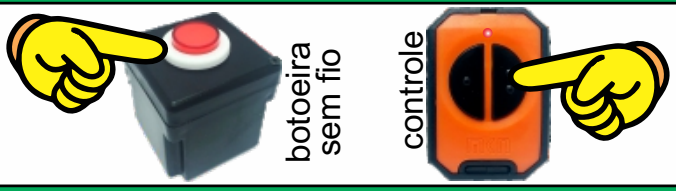
Original reference 3



GRAVANDO CONTROLE ou BOTOEIRA SEM FIO: menu

Podem ser gravados controles remotos e também botoeiras sem fio. O cadastramento é para até 248 dispositivos sem fio e até 3 botões por controle remoto sem ocupar nova posição na memória.

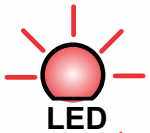
1° MANTENHA acionado o botão do controle ou botoeira sem fio que deseja gravar



2° Escolha o canal a gravar o controle:
PROG.1 = Canal 1
PROG.2 = Canal 2
e pressione lentamente por 2x o botão escolhido.



3° Observe o ***LED***:
3 piscadas: Gravado com sucesso
2 piscadas: Adicionado o botão no controle já gravado
1 piscada: Controle e botão já gravado
1 piscada longa: Memória cheia



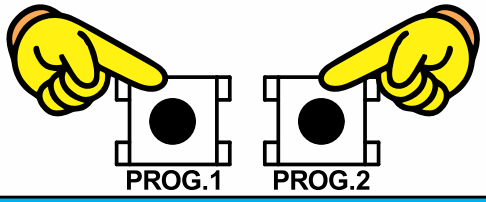
Existem modelos de controle que ao gravar 1 botão, os demais botões são reconhecidos como sendo o mesmo.

APAGANDO A MEMÓRIA:

menu

A memória é apagada por canais, ou seja, é possível, por exemplo, apagar todos os controles e botoeiras sem fio cadastrados no Canal 1 (***FECH1***) sem apagar o que estão gravados no canal 2 (***FECH2***). Caso queira apagar por completo a memória, então faça o apagamento em ambos os canais.

1° Mantenha pressionado o botão do canal que deseja apagar:
FECH.1 (canal 1) = ***PROG.1***
FECH.2 (canal 2) = ***PROG.2***



2° Acione algum controle remoto e o ***LED*** do receptor se acenderá.
Obs.: O controle não precisa estar cadastrado na central.



3° CONTINUE MANTENDO pressionado o botão ***PROG.*** do receptor por alguns segundos até o ***LED*** piscar 3 vezes.



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