MINI RECEIVER MULTIFREQUENCY

TECHNICAL FEATURES
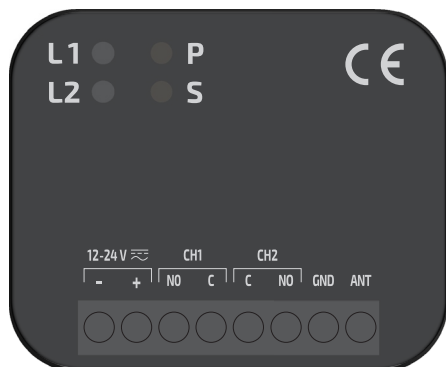
Supply	12-24 Vac/Vdc
Power consumption	20mA, max. 50mA
Number of relay	2
Relay configuration	Bistable, Impulsive, Timer: minutes and seconds
Frequency	433.92-868 Mhz
Maximum number of storable codes	40
Box dimension	53x76x24 mm
Working temperature	-20 °C / +70 °C

WARNING

Dear customer, thank you for choosing our product. We kindly ask you to read this instruction manual carefully and to keep it at hand as it gives important displays about the device's operating and safety.
- Overview and patterns of this manual are not binding. NOLOGO S.R.L. reserves the right to revise them at any time and without obligation for technical improvement or for any other commercial reason, while keeping the device's main features unchanged.
- The device is only intended to the purpose for which is has been designed. Any other use is to be considered improper and dangerous.

1 – REMOTE CONTROLS RECORDING

The receiver is able to record a maximum of 40 codes.
Please note: each button of the remote control matches with a code. Example: if every button of a 4-channel remote control is recorded, the receiver will hold 4 codes.

1.1 – STANDARD RECORDING PROCEDURE

- Press button P of your receiver to choose relay 1, LED L1 will start blinking. Press again button P to switch to relay 2, LED L2 will start blinking.
- Once you've chosen the relay you need, press the button of the remote control you want to record and keep it pressed until LED L1 and L2 show a steady light (it may take a few seconds before the receiver decodes the new code).
- Repeat the procedure for every code you want to include into the receiver.

1.2– COMPLEX RECORDING PROCEDURE **C**

- Press button **P** of the receiver to choose relay 1, LED L1 will start blinking. Press again button P to switch to relay 2, LED L2 will start blinking.
- Once you've chosen the relay you need, press the button of the remote control you want to record and keep it pressed until LED L1 or L2 shows a steady light and then makes two slow blinks.
- Transmit the SEED code through the hidden button or the buttons combination. If you're not familiar with the procedure or you can't transmit the SEED code, keep pressing the button of the remote control you're trying to record, the latter will be recorded as a fixed code.
Please note: if the code is stored properly, both LED L1 and L2 will show a steady light; soon after LED L2 will blink two times.

2 – REMOTE CONTROLS CANCELLATION

This function allows you to cancel the remote controls recorded into the receiver one by one:
- Press button P of the receiver, LED L1 starts blinking, then press button S.
- LED L1 and L2 turn on fixed.
- Press and keep pressing the button of the remote control that you want to remove until LED L1 and L2 turn off. The remote control has been removed successfully.
- Repeat this procedure for every remote control you need to remove.

3 – RELAY SETUP

Relays can be set up in 4 different ways:
- Bistable: the status of the relay is maintained until you press the associated remote control again. The relay contact closes if you press the remote controls; it opens if you press again.
Warning: without power supply, the relay goes to its ''state of rest'': open contact.
- Impulsive (factory settings): the relay contact remains ''closed'' throughout the pressing on the associated remote control; if you stop pressing, the relay opens. Warning: any disturbance may open the contact even if you're still pressing the button of the remote control.
- Timer seconds: you can set up a time in seconds after which the relay contact opens. Normally the timer setting is of 30 seconds. Warning: the timer is reset whenever you press a connected remote control.
- Timer minutes: you can set up a timer in minutes after which the contact relay opens. Normally the timer setting is of 30 minutes. Warning: the timer is reset whenever you press a connected remote control.

3.1 RELAY 1 AND 2 SET UP PROCEDURE

- Press and keep pressing button S of your remote controls for more or less 5 seconds.
- LED L1 (related to relay 1) starts blinking; press button S to switch to relay 2: LED L2 starts blinking.
- LED (L1 or L2) of the chosen relay blinks according to the mode set:

1 Blink	☼	Bistable
2 Blinks	☼ ☼	Impulsive
3 Blinks	☼ ☼ ☼	Timer seconds
4 Blinks	☼ ☼ ☼ ☼	Timer minutes

- Press button P to switch to the desired operating mode. Whatever new press of the button P allows you to switch to the following mode in a cyclical way.
- To exit the setup procedure press button S several times until LED L1 and L2 switch off.

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3.2 TIMER SETTING

- Keep button S pressed for two seconds circa in timer mode (seconds or minutes) and wait until LED L1 or L2 blinks steadily (one blink per second).
- Keep button S pressed and count the number of blinks you want to set up as seconds or minutes.
Example: you should count 5 blinks on the LED to set up 5 seconds or minutes according to the modality previously chosen.
- Once you've counted the number of blinks you want to set up, release button S.

4 REMOTE CONTROLS RESET

This option allows you to remove all the remote controls recorded into the receiver.
Press buttons P and S and keep them pressed for 10 seconds circa; wait for a quickly blink of LED L1 and L2, then release both buttons.

5. ERROR CODES

A bug report can be identified, during the programming procedure, through Led L1 and L2:

L1	L2	Description
1 BLINK	TURNED ON	CODE NOT FOUND
TURNED ON	10 BLINKS	EXHAUSTED CODE MEMORY
TURNED OFF	1 BLINK	EXHAUSTED FREQUENCY MEMORY
TURNED OFF	TURNED OFF	CODE NOT COMPATIBLE
TURNED OFF	TURNED ON (THE RELAY TRIPS)	CODE ALREADY STORED

- Code not found: throughout the removal procedure of a remote control, the latter is not correctly recognized. Check its correct storage and try the removal procedure again.
- Exhausted code memory: the receiver's memory is full and you want to record another remote control. Remove a remote control you don't need and try again.
- Exhausted frequency memory: you're trying to record a remote control whose frequency is different from the previous ones. The number of storable frequencies on the receiver is limited, but it's still possible to store other remote controls with the same frequencies as the previous ones.
- Code not compatible: the remote control you're trying to record is not present in the compatibility list.
- Code already stored: you're trying to record a code which is already stored. In this case, the relay trips and the automation opens.

WASTE SORTING

The disposal of the receiver is to be done in compliance with current regulations about electrical equipment; it is also appropriate to split this kind of waste from the household one by turning to the local waste collection centres.

COMPATIBILITY LIST

ACM ©
TX2, TX2 COLOR, TX4

ALLMATIC
BROWN, BROWN RED, BRO.OVER, PASS, MINIPASS, TECH3, FOR4

APRIMATIC
TR, TM4, TXM

AVIDSEN ©
104251, 104250, 104250 OLD, 104250 RED, 104257, 104350, 654250, TX4 114253

BALLAN
FM400, FM400E

BeB
BUGGY, EMY, ETY

BENINCA
TO. GO. WV, TWV, ROLLKEY, APPLE, LOT WCV, CUPIDO, TO.GO. QV, HAPPY VA

BENINCA
IO, TO.GO. VA

BFT ©
MITTO, MITTO M, MITTO RCB, MITTO A, TRC, GHIBLI, MURALE, KLEIO

CARDIN
TRQ S449, TRQ S449 GREEN (PRECODE), TXQ S449, TXQ S449 GREEN, TRQ S486, TXQ S486, S437 TX, XRADO, S435, S438

COMUNELLO
KEEP 4

DASPI
ZERO2 RC

DEA SYSTEM
PUNTO 278, GOLDR, GENIE R 273, GENIE R-GT2M, MIO TR, GT2M, TRN

DIEFFEMATIC ©
EQUO PLUS

DITEC/ENTREMATIC
BIXLP, GOL4, BIXLG, ZEN

ECOSTAR
RSC2

ELVOX ©
ETRN2

FAAC ©
TML 433SLH, DL 868 SLH, XT 868 SLH, XT 433 SLH, T 868 SLH, T 433 SLH, XT 868 SLH BLACK, XT 433 SLH BLACK

FAAC
XT 433 RC, TE433HG, XT4 433 RCBE

FADINI
JUBI-SMALL, JUBI 433, DIVO 71/4

GARDENGATE

GENIUS ©
AMIGO JA332-JA334 868, AMIGOLD 868, KILO 433 JLC, KILO 868 JLC

GENIUS
BRAVO, ECHO

GIBIDI
AU1600, AU1600 WOOD, AU1680, AU1680 WOOD, DOMINO, MAKO

JCM TECH
TWIN R

KEY
900TXB-42R, TXB 44R, SUB 44R

KING GATES
CLIPPER, STYLO

KLING
KUA, KUA E, KUA S

LABEL
SPYCO

LIFE
FIDO

MHOUSE
TX3, TX4, GTX4

MOTORLINE
MX4SP, FALK

NICE
SMILO, FLOR-S, VERY-VR, FLOR-S ERA, ONE (ON), ON ERA, INTI, ERGO, PLANO, ONE (ON FM)

NOVOFERM
MCHS, MICRO-NOVOTRON 502, MINI-NOVOTRON 504, MICRO-NOVOTRON 502, MICRO-NOVOTRON 504, MICRO-NOVOTRON 31, MICRO-NOVOTRON 51, MINI-NOVOTRON 30, MINI-NOVOTRON 50, MNHS, MINI NOVOTRON 522

ON AUTOMATION ©
RAD3A

PRASTEL
MTE, MPSTLE, MPSTP2E, TCE, BFOR, TRQ-P, SLIM-E

PUJOL
TWIN, VARIO, VARIO MARS, VARIO OCEAN, NEO

RIB
LITHIO

SEA
HEAD 433, HEAD 868, SMART DUAL COPY

SEAV
BE HAPPY RS, BE SMART

SOMFY
K-EASY, K-EASY NEW, K-EASY OLD, MITTO, KEY GO RTS, TELIS RTS, KEYTIS RTS, KEYTIS RTS NS, ALARMA

SOMMER
4010, 4011, 4014 TX03-434-2, 4013 TX03-434-4, 4020 TX03-868-4, 4026 TX03-868-2, 4022 TX02-434-2, 4025 TX02-868-2, 4031 TX08-868-4

STAGNOLI
KALLISTO, VENUS AV223

TAU
250K-SLIMRP, 250K-SLIMR, 250T-4RP

TELCOMA
FM400E, FM400

TORLIFT
TORMIT 4

V2 ©
TSC, TXC, TRC, HANDY, PHOENIX, PHOX 433, PHOENIX 868, PHOX 868

VDS
ECO-R, TRQ P

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