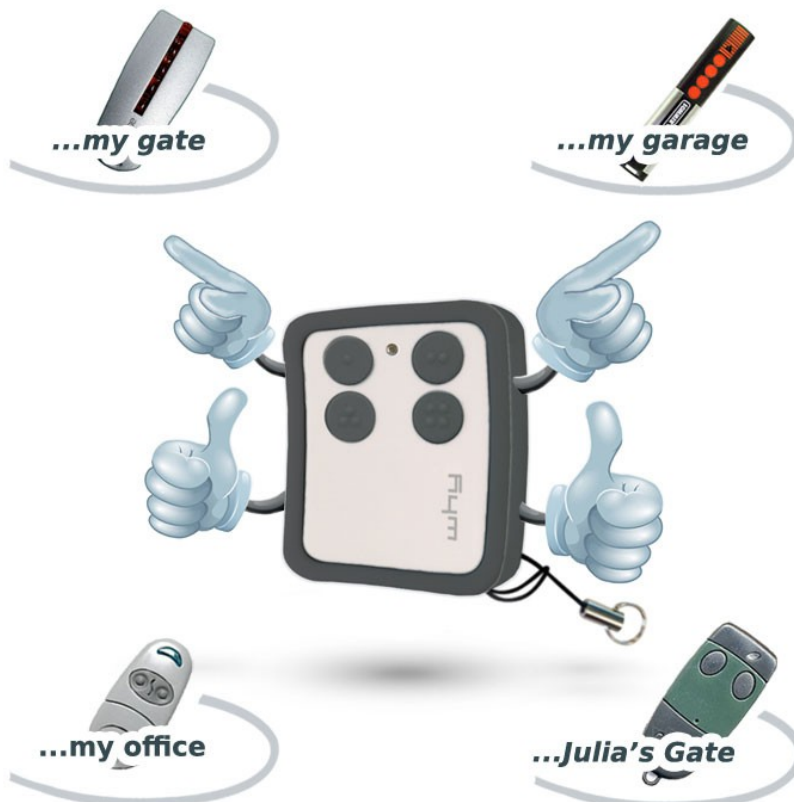Small, aesthetic, solid with an anti-shock rubber edging, quality made in Europe

why Evo compatible
1 for 4 remotes

*4 keys for...

...my gate

...my garage

...my office

...Julia's Gate

* Example among more than 1500 models compatible 280 / 433 / 866 MHZ AM/FM simple ou Rolling Code
Distribution : www.telecommande.fr
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available in 4 colors

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Reminder : For this type of material only the frequencies 433 and 868 Mhz are allowed in EU.

Choice of four colors, delivered with the string for the keychain. Dimension : 51 x 41 x 10 mm, Delivered with the 3v CR2032 battery. French distribution : www.Telecommande.fr :	**Contents :** Page 1 : Standard procedure of copy / CLONE Page 2 : Rolling code / CLONE Explication. D.O.R procedure. Page 3 : How to program a CLONE according to the manufacturer instructions. Page 7 : List of INCOMPATIBLE remotes. Pages 8 to 11 : List of COMPATIBLE remotes.

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Note : Always maintain an original remote in operating condition

WHY EVO Almost universal 280-433-868 AM/FM + Rolling Code

1. Immediate copy of any remote with a simple code operating in the frequencies between 280, 433 and 868 AM/FM
2. It analyzes and clones more than 50 Rolling codes 433/868 Mhz AM/FM

WHY EVO manual : Standard procedure :

VIDEO : click here

For this type of material only the frequencies 433 and 868 Mhz are allowed in EU.

*Exception for **FAAC**® remotes. XT and SLH and **BFT**® MITO and BRCB : See specific procedures.*

① **Fetch a WHY EVO remote.**

Press and hold button 1 :

Simultaneously, press 4 times button 2 :

4x

Release the buttons : **The WHY EVO LED flashes slowly, 1 time every 2 seconds.**   *PROSS. Copyright.2013*

② **Position** the WHY EVO and the original remote head to head with a distance of 3 cm

The two remotes have to be laid flat on a table, away from any source of electromagnetic perturbation like mobile phone, smartphone, computer, electric motor..
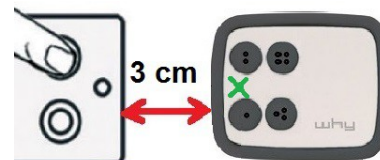
③ **Press and hold the button you want to clone on your original remote.**
Original remote with a simple code :
The WHY EVO LED flashes quickly 3 times per second.
 Original Rolling Code remote :
The WHY EVO LED lights fixed, turns off and flashes 3 times per second.

3 cm

④ **Release the button of the original remote.**
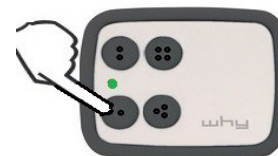   The light continues to flash 3 times per second

⑤ **Program a button on the WHY EVO :**
Within 5 seconds select and hold down the button of the WHY EVO that will save those information :   *« the Clone button»* *for the continuation of the instructions*
WAIT FOR THE EXTINCTION of the WHY EVO LED before release the button.
      The procedure has to be repeated for each button.

Example : save button 1,
button *Clone* for the continuation of the instructions

⑥ **End of the Standard procedure**

The extinction of the WHY EVO light or a slow flashing of 1x every 2 seconds means the failure of the copy:
copy error or the original remote emits in an another frequency than the 280/868 Mhz band or with an unknown protocol of the WHY EVO
(example: dual band remote alarm system).

⑦ **Continuation of the procedure, according to the nature of the ORIGINAL remote :**

- The original remote is with a simple code and it is the end of the procedure.
      The selected button and programmed at point ⑤ works immediately
- The original remote is Rolling Code :
- The selected button and programmed at point ⑤ is a "Clone" of the Rolling Code original remote
- We must now program this "Clone" button on the receiver of the installation

Control : If the original remote is Rolling Code, press and hold down the « Clone » button. After 8 seconds the WHY EVO LED flashes quickly = Saving OK.
If after 8 seconds the LED turns off = Error.
Do the standard procedure again in respecting the recommend distance between the 2 remotes.

There are 3 methods to program the "Clone" button of your WHY EVO on the receiver :   *PROSS. Copyright.2013*
      - Immediate :
            The Clone button works immediately, like the copy of a simple code remote
      - With the D.O.R. procedure :
            You have to be at 3-4 meters from the radio receiver and hold down the Clone button of the WHY EVO for 10 seconds. The programming is automatic *(see the detailed procedure in the next page)*
      - In following the instructions of the manufacturer :
            It wii be exactly as if the Clone button of the WHY EVO was a new original remote.

WHY EVO Almost Universal 280-433-868 AM/FM + Rolling code

WHY EVO . Rolling Code / CLONE button : Technical notion

The Rolling Code remotes/ How to program a "CLONE".

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Summary : For the Rolling Code remotes, the "duplication" procedure is made in 2 steps :
1° Identification and programming of the frequency and the type of Rolling code (CLONE) on **one button** of the WHY EVO
2° Programming of **this « button Clone »** on the receiver of the costumer's installation.

In a Rolling code system, each button of a remote has a unique « *signature »:*
The radio receiver saves each of these « *signatures »* and if two remotes have the same « *signature »,* the radio receiver refuses the command.
The « *signature »* is a unique code between several billion and billion of combinations that change (a little) at each emission, according to the Rolling code protocol used by the manufacturer.
The simple copy of a Rolling code remote is impossible, but it is possible to make a « CLONE »:
Each button of the WHY EVO has in its memory a « *signature »* and Rolling Code protocols that are compatible with Rolling code manufacturers. *PROSS. Copyright.2013*
In « ANALYSIS » mode the WHY EVO remote saves the emission of the frequency and identify the type of Rolling Code used by the original remote. The information are then saved on a button of the WHY EVO.
At this stage, **this WHY EVO button** is a « CLONE » of the original Rolling code remote
In pressing **this button** the WHY EVO sends « *its signature »*with the Rolling Code protocol that is compatible with the original remote, identical to a new original remote.
Like a new original remote you have to program this CLONE on the radio receiver of the costumer.

Programming a CLONE button according to the D.O.R procedure by standing next to the radio receiver:
WARNING works only with the listed brands in the table
Depending on the brands, the operation takes between 25 to 60 seconds.
Warning, especially in a housing estate, the receiver can be blocked voluntarily, making the operation impossible.

1. Follow **the Standard procedure** to program a CLONE button on the WHY EVO

2. Stand at 3-4 meters of the radio receiver.
3. Hold down the CLONE button .
4. After 8 seconds the WHY EVO LED flashes. Release the button.
5. Wait for the extinction of the WHY EVO LED.
6. For some brands the receiver emits sounds during the operation. Wait until the emission of sounds has stopped.
7. Wait for 15 seconds. Try your WHY remote.

Duration of the procedure between 25 to 60

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seconds

FAQ :
1. At point 4, after the 8 seconds the WHY EVO LED turns off instead of flashing :
   Error during the phase « Standard procedure »
   Do the « Standard procedure » again in respecting the distance of 3 cm between the 2 remotes
2. - Where is the radio receiver of an installation ?
   Usually the radio receiver is integrated in the main control box of the gate.
   If the system is equipped with an antenna, you have to stand near the antenna.
3. If the D.O.R. procedure doesn't work, (blocked receiver or error of manipulation) refer and follow the manufacturer instructions in considering the « CLONE » button of the WHY EVO as a button of a new original remote

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Note : Always maintain an original remote in operating condition

WHY EVO Almost Universal 280-433-868 AM/FM + Rolling code 433-868

Programming a "CLONE" WHY EVO
according to the manufacturer instructions

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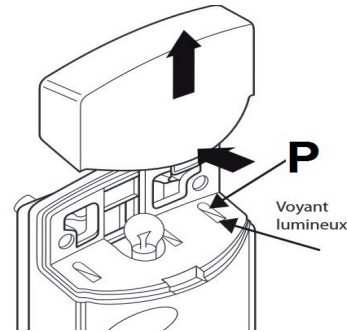**EXAMPLE of a programming according to the instructions of the manufacturer SOMMER®**

1° Program a « CLONE » button of the SOMMER® remote in following the **Standard procedure:**

1.open the cover of the light box

2. Press one time on the button P. (AND ONLY ONCE !)

The LED lights on and you have 5 seconds to program your new remote.

- Press 2 seconds on the button of your new remote.

Release and try it

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EXAMPLE of a programming according to the manufacturer instructions of AVIDSEN® 504250, or 104257 :

1° Program a « CLONE » button of the AVIDSEN® remote in following the **Standard procedure:**

2° Open the electric box of your motorization, then carry out the following manufacturer instructions :

Control OPENING 2 leaves

Press 3 seconds on «**–**» › *L1 lights on.*

Press on **SET** › *L1 and L5 light on alternately.*

Press 2 seconds on the CLONE button of
the WHY EVO remote. Release and try it
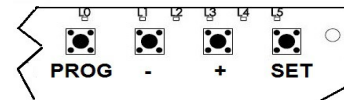
PROSS. Copyright.2013

Control partial OPENING 1 door panel

Press 3 seconds on «**–**» › *L1 lights on.*

Press on «**+**» › *L1 lights off, L2 lights on.*

Press on **SET** › *L1 and L5 light alternately.*

Press 2 seconds on the CLONE button of the WHY EVO remote.   Release and try it

Confirmation by the LEDs :

• All the red LEDs light on 1 second = Programming *OK.*

• All the red LEDs flash 3 times = Error Do the programming again.

Example of a programming according to the manufacturer instructions of WAYNE DALTON® / APERTO® S434 4022

1° Program a « CLONE » button of the APERTO® remote in following the **Standard procedure :**

Programming a remote is made in pressing the hidden button T2, placed in the back of the motor

BE CAREFUL NOT TO CONFUSE THE HIDDEN BUTTON T2 AND BUTTON T1 placed next to the lighting lamp

- Hold down button T2 until the LED lights on.
  Release button T2.
- Hold down CLONE button of the WHY EVO remote until the LED lights off.   Release
Wait for 10 seconds.
  Try the remote
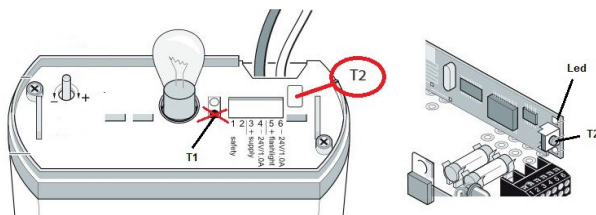
Detail of the electronic board inside the motor

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WHY EVO Almost Universal 280-433-868 AM/FM + Rolling code 433-868

List INCOMPATIBLE / COMPATIBLE   WHY EVO

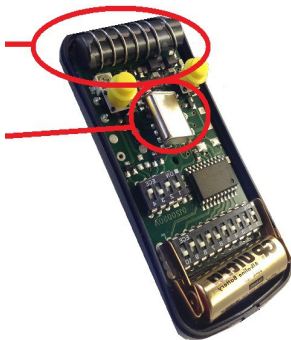*Non exhaustive list, update on november 15, 2013.*

INCOMPATIBLE remotes with WHY EVO :

All remotes from 26.720 Mhz to 40.685 Mhz

ANTENNE FERRITE

QUARTZ

Recognition :
The electronic board of those remotes is equipped with a ferrite antenna and a quartz

NOTE: THE SNIFFER (device sold separately) allows to read directly the transmission frequency from all the remotes of the market

The remotes type "access control" used in community or housing estates are not compatible with the WHY EVO :

COMELIT® IMMOTEC®	IMMOTEC® all colors	INTRATONE® all colors *PROSS. Copyright.2013*		NORALSY®	URMET®
SOMFY KEYGO®	SOMFY KEYTIS®	DIAGRAL®			

Generally, all remotes that have a N° inscribed on the box are access control remotes
and they are not compatible with the WHY EVO

WHY EVO Almost Universal 280-433-868 AM/FM + Rolling code 433-868

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List of the remotes that are COMPATIBLE with the WHY EVO :

Non exhaustive list, update on november 30, 2013.

Note : Always maintain an original remote in operating condition
Only the 4 button models are represented on this document, but all the models
with 1, 2 or 3 buttons are also compatible.

Use the WHY EVO compatibility search engine

1° IMMEDIATE COPY :

All the remotes that work in the frequencies from 280 Mhz to 868 Mhz at simple coding
About 500 models of remotes

WHY EVO instructions : Standard procedure : click here

All remotes from 280 Mhz to 315 Mhz

Old fréquency : Warning the use of frequencies 280-315 Mhz is forbidden in EU :

    Some models, all with a simple code and mini-switches
    290 Mhz : Pujol Trinario
    300 Mhz : DELMA and DEA
    306 Mhz : ALLMATIC, BENINCA and PRASTEL
    310 Mhz : LINEAR and SERAI
    315 Mhz : BFT VTM, FADINI ASTRO 75 and TAU 250

All the remotes at 433,920 Mhz and with a simple code (+ than 400 models)

Frequency most used in EU :   (with or without mini-switches of coding)

All remotes at 868 Mhz and with a simple code :

868 Mhz, precisely the range from 868,000 to 868,900 Mhz, is more and more used in EU :

    Some models with a simple code :
    BERNER BHS140
    CAME TOP 864NA
    FAAC 868 with mini-coding switches
    MARANTEC 868
    HORMANN HSM 868 *PROSS. Copyright.2013*

2° Cloning of complex code, type Rolling code 433 or 868 Mhz AM or FM

Update on 11-15-2013 : About 50 models. See table in the next pages :

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Note : Always maintain an original remote in operating condition

List of CLONABLE Rolling code remotes

Note: Always maintain an original remote in operating condition

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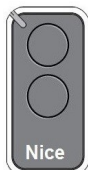| ADYX-GENIUS-BRAVO® bleu ou noire		APPROVAL 434®	APERTO 434®	APRIMATIC TX, TR® noire ou jaune
D.O.R. Programming		D.O.R programming Verify the frequency Risk of confusion	Programming according to the manufacturer instructions	D.O.R programming
1		2	3	4

AVIDSEN® All models	BENINCA T2WV® grey buttons	BENINCA TOGO WV®	BENINCA CUPIDO®
PROSS. Copyright.2013			
Programming according to the manufacturer instructions	D.O.R. programming	D.O.R. programming	D.O.R. programming
5		2	

List of CLONABLE Rolling code remotes

BFT MITTO® grey box, grey buttons	**BFT BRCB®**	**CAME TAM®** TAM set with 2 or 4 buttons	**CARDIN TXQ S4494P®** Grey or green	**CARDIN S486®**

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Specific BFT programming
Blocked for housing estates

direct programming

D.O.R. programming
Sometimes blocked for housing estates

DEA GOLD R4® 1 grey button, the others are yellow	**DEA TR MIO®** DEA marking on grey background	**DITEC BIXLP2®** **DITEC GOL4®** *For the Gol4C model = direct copy*	**DOITRAND®TS/RE** *For the TS/DE green model = direct copy*

If all the buttons are yellow =
Direct copy

If DEA marking on white
background = direct copy

Programming according to the
manufacturer instructions

D.O.R. programming

D.O.R. programming

**WARNING the Standard procedure urges a distance of 3 cm between the 2 remotes.
For the DOITRAND® brand: put the remotes face to face.**

EXTEL WEATEM 5®	**EXTEL WEATEM 3®**	**EXTEL WEATEM 4®**	**FADINI JUBI®** **FADINI JUBI SMALL®**

Programming according to the manufacturer instructions

Programming according to the manufacturer instructions

FAAC 433/868 SLH®	**FAAC TK 433/868SLH®**	**FAAC LR 433/868SLH®**	**FAAC XT 433/868SLH®**	

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Blocked for housing estates

Specific FAAC programming

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KEY Rolling ®		**MHOUSE TX4®**	**MHOUSE GTX4®**	**MOOVO MT4®**

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D.O.R. programming   *D.O.R.* programming   *D.O.R.* programming

all colors

Programming according to the manufacturer instructions

D.O.R. programming

8

13

NICE FLOR®	**NICE ONE®**	**NICE ONE4E®**	**NICE INTI®**	**NICE SMILO®**

D.O.R. programming   *NOTE : WHY EVO is compatible with all the NICE 433 mhz Rolling code remotes*

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Note : Always maintain an original remote in operating condition

List of CLONABLE Rolling code remotes

NOVOFERM® NOVOTRON 504®	NOVOTRON 304 TORMATIC®	
Programming according to the manufacturer instructions		*PROSS. Copyright.2013*

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PRASTEL TC4E®	PRASTEL SLIM®	PRASTEL MPSTP4E®	PRASTEL MT4E®	PRASTEL MPS TL4E® **attention a la fréquence**
	D.O.R. programming	WARNING sometimes blocked for housing estates		
WARNING the Standard procedure urges a distance of 3 cm between the 2 remotes. For PRASTEL® brand don't pay attention to the distance, but in the contrary, put the two remotes face to face.		16	**WARNING For PRASTEL®brand during the standard procedure put the two remotes face to face.**	

PUJOL VARIO®		SEAV RS / RH ®	SOMMER 868®	STAGNOLI® AV223®
	PROSS. Copyright.2013			
Programming according to the manufacturer instructions		Programming according to the manufacturer instructions	Programming according to the manufacturer instructions	D.O.R. programming
8		8	18	8

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