



KUBE-PLUS

INSTRUCTION MANUAL
(draft)

1- INTRODUCTION

EGO KUBE and EGO PLUS are 4-channel and 6-channel transmitters equipped with its own Rolling-code (G-code) which allows you to manage smart home automations in complete safety. In addition, thanks to the advanced functions, it is able to copy fixed code and Rolling-code transmitters with frequencies from 433,92 MHz to 868,3 MHz that are in the compatibility list which can be consulted in the last pages of this document. The copy allows you to associate a key of the original transmitters from different models and brands to each key of the EGO KUBE and EGO PLUS, permitting the management of all automations with a single transmitter.

2 LED SIGNALLING ON THE TRANSMITTER





The transmitter has four signaling LEDs to give the user a feedback regarding the operations in progress.

TX LED (direct transmission/learning): indicates that the EGO KUBE/PLUS is transmitting or, once copying is completed, indicates that the EGO KUBE/PLUS key with the copied code inside does not need to be memorized in the original receiver, as it is immediately functional.

AUTO LED (auto-learning): once copying is completed, it indicates that the EGO KUBE/PLUS key with the copied transmitter inside can be memorized in the original receiver via self-learning, without having to act directly on it.

MANUAL LED (receiver programming): once copying is completed, it indicates that the EGO KUBE/PLUS key with the copied code inside can only be memorized in the original receiver via the receiver programming procedure, by acting directly on it.

3 COMPATIBILITY LIST

BRAND	MODEL	TYPOLOGY	Does not need to be memorized on the original receiver	
			Needs auto-learning on the receiver	
			Needs to be manually memorized on the receiver	
				



**non necessita di essere
memorizzato nella
ricevente originale**



**necessario
auto-apprendimento
sulla ricevente**



**è necessario memorizzarlo
manualmente sulla ricevente
originale**

MARCA	MODELLO	TIPOLOGIA
ACM	TX2, TX2 COLOR, TX4	
ADYX	TE4433H BLUE, 433-HG BRAVO	
AERF	COMPACT, HY-DOM, MERCURI B, MERCURI C, SABUTON, MARS, SATURN, ST3/N, TERRA, TMP-1, TMP-2, UNITECH	
AERF	MEDVA	
ALLMATIC	BROWN, BROWN RED, BRO.OVER, PASS, MINIPASS, TECH3	
ALUTEC	AT-4N-868	
APERTO (Sommer)	4020-TX03-434, TX02-434-2, TX02-868-2	
APRIMATIC	TR, TM4, TXM	
ATA	PTX4 BLU, PTX4 PINK	
AVIDSEN	104251, 104250, 104250 OLD, 104250 RED, 104257, 104350, 654250	
BALLAN	FM400, FM400E	
BeB PROGET	BUGGY-F, EMY-F2, EMY-F4, ETY-T2, ETY-T4, EMY-C2, EMYC-4, BUGGY-C	
BENINCA	TO. GO. WV, TWV, ROLLKEY, APPLE, LOT WCV, CUPIDO, TO.GO. QV	
BENINCA	IO	
BFT	MITTO, MITTO M, MITTO RCB, MITTO A, TRC, GHIBLI, MURALE, KLEIO	
CAME	TTS 44 FSK	
CAME	TOP 44 RBN, TOP D4 FRN, TOP 44 FGN, TOP 42 FGN	
CAME	TW 2 EE, TW 4 EE	
CAME	AT 01, AT 02, AT 04	
CAME	TOP D2 RGS, TOP D2 RBS, TOP D2 RKS, TOP D2 RYS, TOP D2 RES, TOP D2 RPS, TOP D4 RGS, TOP D4 RBS, TOP D4 RKS, TOP D4 RYS, TOP D4 RES, TOP D4 RPS Radiocomando a doppia frequenza: copiabile solamente bloccando la frequenza del trasmettitore a 433,92 o 868 MHz	
CAME	TOP 432 EE, TOP 432 NA, TOP 432 EV	
CAME	TOP 434 EE, TOP 434 NA, TOP 434 EV	

TRANSMITTER WITH DOUBLE FREQUENCY, A COPY IS ONLY OBTAINABLE BY BLOCKING THE TRANSMITTERS FREQUENCY TO 433,92 OR 868,35 MHz
(è la parte in rosso nella tabella della pagina precedente)



**non necessita di essere
memorizzato nella
ricevente originale**






**necessario
auto-apprendimento
sulla ricevente**












**è necessario memorizzarlo
manualmente sulla ricevente
originale**


MARCA	MODELLO	TIPOLOGIA
CARDIN	TRQ S449, TRQ S449 GREEN (PRECODE), TXQ S449, TXQ S449, GREEN, TRQ S486, TXQ S486, S437 TX, XRADO	
CARDIN	S504	
CASALI	GENIUS/CASALI A252RC	
CHAMBERLAIN, LIFT MASTER, MOTOR LIFT	953ESTD, 371 LM, 971 LM, 84330E, 94334CE, 1A5639-7, 1A5477, 1A6487, 132B2372, 94330EML/9333EML/94335EML, 84330EML/84333EML/84335EML, 8747EML	
CLEMSA	MUTANCODE, T, T-8, E-CODE N	
CLEMSA	MASTERCODE MV Attenzione codice fisso	
DASPI	ZERO RC	
DEA SYSTEM	PUNTO 278, GOLDR, GENIE R 273, GENIE R-GT2N, MIO TR, GT2M, TRN	
DETUMANDO	STANDARD	
DITEC	BIXLP, GOL2, GOL4, BIXLG, ZEN 2C, ZEN 4C	
DOORHAN	TRANSMITTER 4	
DOORMATIC	MILENY, MILENY-EVO	
ECOSTAR	RSC, RSE, RSZ	
EMFA	TE2-433, TE3-433, TE2-868, TE3-868	
ERREKA	IRIS, ROLLER 2, ROLLER 433, ROLLER 868, SOL433, SOL868, VEGA 433, VEGA 868	
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	
GARDENGATE	GARDENGATE TX	
GENIE	GITR-3, GIT, GICT390, GIFT390-1, G3T-BX, G1T-BX, GM3T, GICTD, GIFTD	
GENIUS	AMIGOLD, AMIGO, KILO, JCL	
GENIUS	BRAVO, ECHO	
GIBIDI	AU1600, AU1600 WOOD, AU1680, AU1680 WOOD, DOMINO	


WARNING: FIXED CODE (IN ROSSO NELLA PAGINA PRECEDENTE)


 non necessita di essere memorizzato nella ricevente originale	 necessario auto-apprendimento sulla ricevente	 è necessario memorizzarlo manualmente sulla ricevente originale
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MARCA	MODELLO	TIPOLOGIA
HÖRMANN	HSE2-868-BS	
KBLUE	ETH-TEL01	
KEY	900TXB-42R, TXB 44R, SUB 44R	
KING GATES	CLIPPER, STYLO	
KLING	KUA, KUA E, KUA S	
LABEL	SPYCO	
LIFE	FIDO	
LINEAR	MCT-11, ACT-21, ACT-22, STING RAY ACT-31, STING, RAY ACT-34B	
MERLIN 2.0	E945M, E943M, E940M	
MERLIN/PROLIFT	C945, C940, C943, M842, M844	
MHOUSE	TX3, TX4, GTX4	
MOOVO	MT4G	
NICE	SMILO, FLOR-S, VERY-VR, FLOR-S ERA	
NICE	ONE (ON), ON ERA, INTI, ERGO, PLANO, ONE (ON FM)	
NORTON	NEO, TXCD	
NORTON	GO NORTON, GO MINI NORTON	
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,	
NORMSTAHL	RCV433-2	
O&O	TX, T.COM R4-2, T.COM R8-2, TWIN, TX (NEO), ALFA, TORRES	
PECCININ	TX MENBRANA	
PRASTEL	MTE, MPSTLE, MPSTP2E, TCE, BFOR, TRQ-P, SLIM-E	
PUJOL	TWIN, VARIO, VARIO MARS, VARIO OCEAN, NEO Attenzione possibili personalizzazioni non duplicabili	
RIB	LITHIO	

WARNING: CUSTOM CODES CANNOT BE COPIED

 **non necessita di essere memorizzato nella ricevente originale**

 **necessario auto-apprendimento sulla ricevente**

 **è necessario memorizzarlo manualmente sulla ricevente originale**

MARCA	MODELLO	TIPOLOGIA
ROPER	NEO	
ROPER	GO ROPER, GO MINI ROPER	
SABUTOM	BROOVER, BROSTAR	
SEA	HEAD, SMART DUAL ROLL, SMART-3 ROLLING CODE, COCCINELLA ROLL	
SEAV	BE HAPPY RS	
SECULUX	NEO	
SILVELOX	Mhz 2007, QUARZ SAW	
SIMINOR	CVXNL, MITTO	
SIMINOR	SIM433	
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	
TORREC	H101	
TOR LIFT	TORMIT4	
V2	TSC, TXC, TRC, HANDY, PHOENIX, PHOX 433	
VDS	ECO-R, TRQ P	

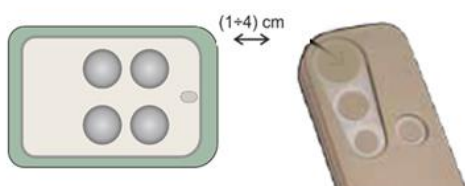
4 MEMORIZATION OF A ROLLING CODE TRANSMITTER group 1

A) PROGRAMMING MODE

Press and hold down key **1** of the EGO KUBE/PLUS, then press key **2** four times.
The **TX** LED starts flashing slowly (one flash every 2 seconds approximately).



Release the keys and place the original remote control in front of the EGO KUBE/PLUS at a distance of about 1÷4 cm.

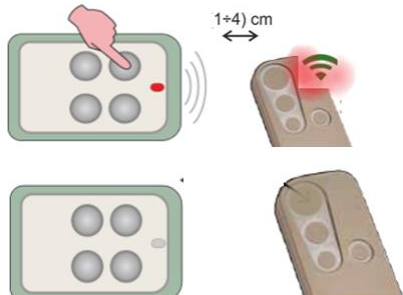


B) COPYING

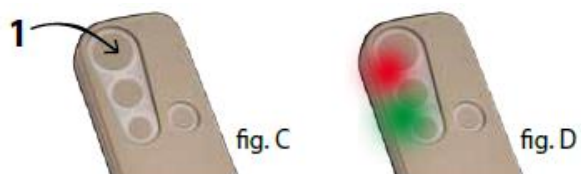
Press and hold down the key of the original transmitter until the EGO KUBE/PLUS **TX** LED starts flashing quickly, then release it.



ATTENTION! If the **TX** LED continues to flash slowly by holding down the key of the original transmitter, the code learning has not been successful, consult the "ERRORS AND SOLUTIONS" paragraph 13.



Now press the key of the EGO KUBE/PLUS in which you want to memorize the code that has just been learned (for example key 1 on figure C).



C) Verification of the kind of coupling in the receiver

After pressing the code learning key on the EGO KUBE/PLUS transmitter, check which signal LED lights up for a few seconds.

TX LED



AUTO LED



MANUAL LED



TX LED



The key of the EGO KUBE/PLUS has memorized the code of the transmitter that has just been copied and will already be working with the original receiver.

Press the EGO KUBE/PLUS button several times to verify the correct operation on the original receiver.

NB: The copied transmitter must already be coupled and working in the original receiver. In case it is not already coupled in the receiver, follow the procedure for manual insertion into the receiver, as indicated in paragraph 12.

AUTO LED



The key of the EGO KUBE/PLUS has stored the code of the transmitter that has just been copied and needs to be stored in the original receiver by the self-learning procedure indicated in paragraph 11.

NB1: The copied transmitter must already be coupled and working in the original receiver. In case it is not already coupled in the receiver, follow the manual insertion procedure in the receiver as indicated in paragraph 12

NB2: in the case self-learning procedure fails, consult the receiver's manual as some receivers require remote self-learning, via Dip Switches or Jumpers.

MANUAL LED



The key of the EGO KUBE/PLUS has stored the code of the original transmitter that has just been copied and needs to be manually coupled in the original receiver by the manual insertion procedure given in paragraph 12.

5-MEMORIZATION OF A ROLLING CODE TRANSMITTER group 2 (BFT – FAAC – GENIUS – V2)

ROLLING CODE GRUPPO 2 (BFT)

MARCA/BRAND	MODELLO	FOTO
BFT	KLEIO TX2, KLEIO TX4, MITTO 2, MITTO 4, RB, RC32, RC34, TRC2, TRC4, TX2, TX4	

ROLLING CODE GRUPPO 2 (FAAC E GENIUS)

MARCA/BRAND	MODELLO	FOTO
FAAC	DL2 869 SLH, DL4 868 SLH, T2, T4, TML2 SLH, TML4 SLH, XT2 SLH, XT4 SLH	
GENIUS	AMIGO JA 332, AMIGO JA 334, KILO TX2, KILO TX4	

ROLLING CODE GRUPPO 2 (V2)

MARCA/BRAND	MODELLO	FOTO
V2	PHOENIX, PHOX, TRC4, HANDY	

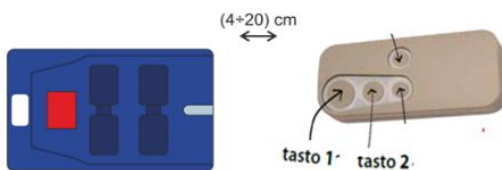
BFT ROLLING CODE TRANSMITTERS

A) PROGRAMMING MODE

Press and hold key 1 on the EGO KUBE/PLUS and press key 2 four times. The TX LED starts flashing slowly (one flash approximately every 2 seconds).

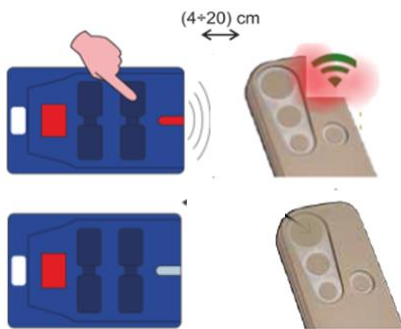


Release the keys and place the BFT transmitter in front of the EGO KUBE/PLUS at a distance of about 4÷20 cm.



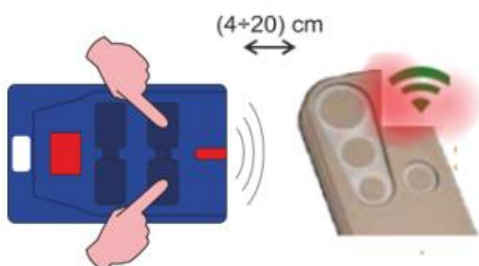
B) COPYING

Press and hold the key on the BFT transmitter until the TX LED on the EGO KUBE/PLUS stays on steady, then release it.

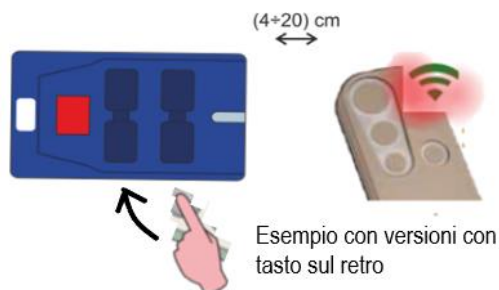


WARNING. If by holding down the BFT transmitter's key, the TX LED keeps flashing slowly, the code learning was not successful, refer to section 13 errors and solutions.

When the TX led starts flashing twice, press the hidden key on the BFT transmitter by pressing the key on the back of the transmitter or, in the case of newer models, press key 1 and 2 simultaneously until the TX led on the EGO KUBE/PLUS starts flashing rapidly, then release them.

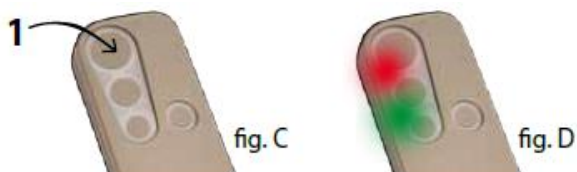


Example with recent BFT models



Example with key on the back

Press the EGO KUBE/PLUS key in which you want to store the original transmitter (e.g. on key 1 as in Fig. C). The TX led will light up for a few seconds.



C) Type of coupling into the receiver of Rolling Code transmitters Group 2: BFT
These transmitters programmed with BFT rolling code belong to the AUTO LED coupling type.

AUTO LED



The key of the EGO KUBE/PLUS has stored the code of the transmitter that has just been copied and needs to be coupled in the original receiver by the self-learning procedure indicated in paragraph 11.

NB1: The copied transmitter must already be coupled and working in the original receiver. In case it is not already coupled in the receiver, follow the manual insertion procedure in the receiver as indicated in paragraph 12,

NB2: in the case self-learning procedure fails, consult the receiver manual as some receivers require remote self-learning, via Dip Switches or Jumpers.



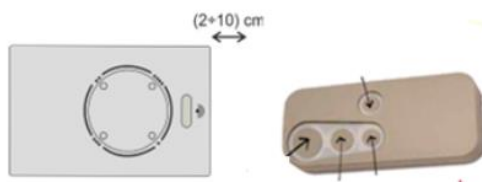
FAAC – GENIUS ROLLING CODE TRANSMITTERS

A) PROGRAMMING MODE

Press and hold key 1 on the EGO KUBE/PLUS and press key 2 four times. The TX LED starts flashing slowly (one flash approximately every 2 seconds).

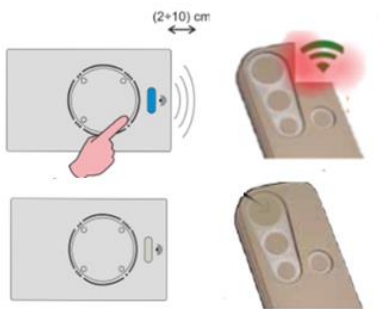


Release the keys and place the FAAC/GENIUS transmitters in front of the EGO KUBE/PLUS at a distance of 2÷10 cm.



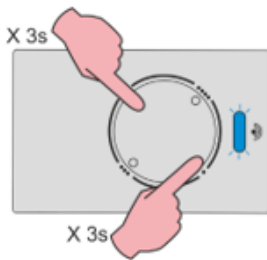
B) COPYING

Press and hold the key on the FAAC/GENIUS transmitter until the TX LED on the EGO KUBE/PLUS remains solidly lit, then release it.

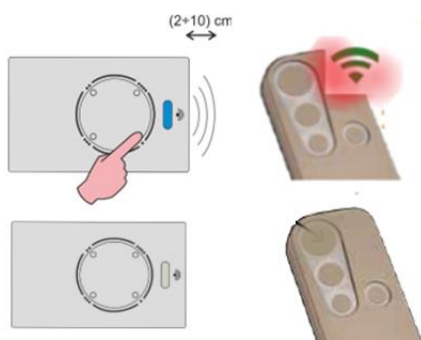


WARNING. If by holding down the FAAC/GENIUS transmitter's key, the TX LED keeps flashing slowly, the code learning was not successful, refer to section 13 errors and solutions.

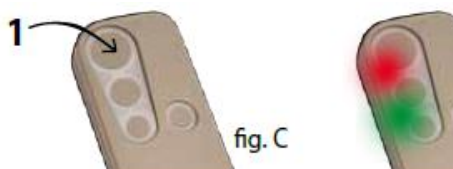
When the TX led starts to blink twice, move the 2 transmitters away from each other, press keys 1 and 2 of the FAAC/GENIUS transmitter simultaneously for about 3 seconds, and release them when the led on the transmitter starts to blink.



Reposition the two transmitters frontally at a distance of about 2÷10 cm and press the FAAC/GENIUS transmitter's button pressed earlier, until the TX LED of the EGO KUBE/PLUS starts flashing rapidly, then release it.



Press the EGO KUBE/PLUS key in which you want to store the original transmitter's key (e.g. on key number 1 as in Fig. C). The TX led will light up for a few seconds.



C) Type of coupling into the receiver of Rolling Code transmitters Group 2: FAAC – GENIUS

These transmitters programmed with FAAC - GENIUS rolling code belong to the TX LED insertion type.

TX LED



The key of the EGO KUBE/PLUS has memorized the code of the transmitter that has just been copied and will already be working with the original receiver.

Press the EGO KUBE/PLUS key several times to verify the correct operation on the original receiver.

NB1: The FAAC/GENIUS transmitter's key copied on the EGO KUBE/PLUS must already be coupled and working on the original receiver. In case it is not already coupled in the receiver, follow the manual insertion procedure in the receiver, as indicated in paragraph 12.

NB2: In case you need to copy other keys of the FAAC/GENIUS transmitter you need to repeat the operation for all the remaining keys.

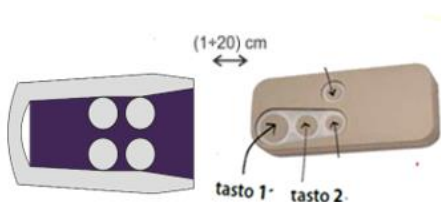
V2 ROLLING CODE TRANSMITTERS

A) PROGRAMMING MODE

Press and hold key 1 on the EGO KUBE/PLUS and press key 2 four times. The TX LED starts flashing slowly (one flash every 2 seconds or so).

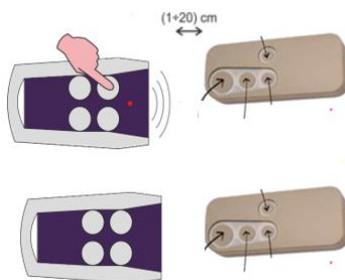


Release the keys and place the V2 original transmitter in front of the EGO KUBE/PLUS at a distance of 1÷20 cm.



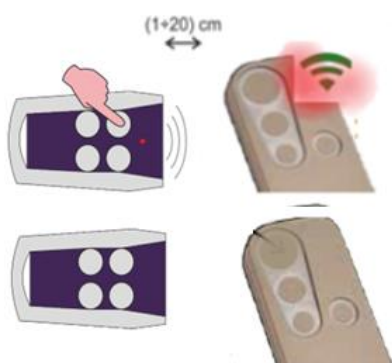
B) COPYING

Press and hold the key on the V2 transmitter until the TX LED on the EGO KUBE/PLUS remains solidly lit, then release it.

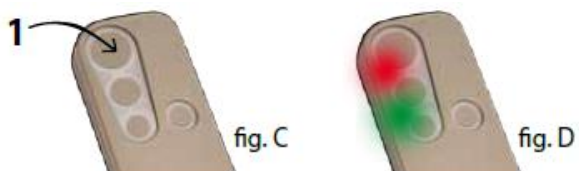


WARNING. If by holding down the BFT transmitter's key, the TX LED keeps flashing slowly, the code learning was not successful, refer to section 13 errors and solutions.

When the TX LED starts flashing twice, press and hold the same key on the V2 transmitter that was pressed earlier until the TX LED on the EGO KUBE/PLUS starts flashing rapidly, then release it.



Press the EGO KUBE/PLUS key in which you want to store the original transmitter's key (e.g. on key number 1 as in Fig. C). The TX led will light up for a few seconds.



C) Type of coupling into the receiver of Rolling Code transmitters Group 2: V2

These transmitters programmed with the V2 rolling code belong to the AUTO LED insertion type.

AUTO LED



The key of the EGO KUBE/PLUS has stored the code of the transmitter that has just been copied and needs to be stored in the original receiver by the self-learning procedure indicated in paragraph 11.

NB1: The copied transmitter must already be coupled and working in the original receiver. In case it is not already coupled in the receiver, follow the manual insertion procedure in the receiver as indicated in paragraph 12,

NB2: in the case self-learning procedure fails, consult the receiver's manual as some receivers require remote self-learning, via Dip Switches or Jumpers.

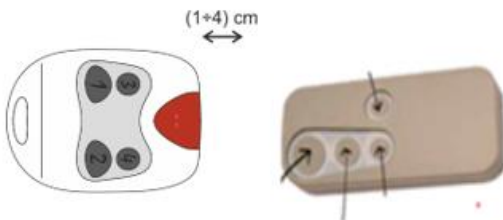
6 MEMORIZATION OF A FIXED CODE TRANSMITTER group 3

A) PROGRAMMING MODE

Press and hold key 1 on the EGO KUBE/PLUS and press key 2 four times. The TX LED starts flashing slowly (one flash approximately every 2 seconds).

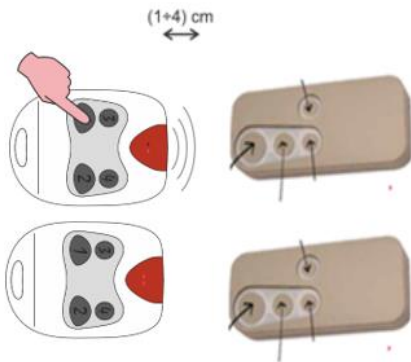


Release the keys and place the fixed-code transmitter in front of the EGO KUBE/PLUS. about 1÷20 cm away.



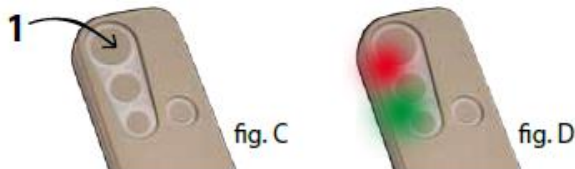
B) COPYING

Press and hold the key of the fixed-code transmitter until the TX LED of the EGO KUBE/PLUS starts flashing rapidly, then release it.



WARNING. If by holding down the key of the Fixed Code transmitter, the TX LED keeps flashing slowly, the code learning was not successful, refer to section 13: errors and solutions.

Press the EGO KUBE/PLUS key in which you want to store the key of the original transmitter (e.g. on key 1 as in Fig. C). The TX led will light up for a few seconds.



C) Type of coupling into the receiver of Fixed Code transmitters Group 3

These transmitters programmed with the fixed code result in immediate operation on the original receiver.

TX LED



The key of the EGO KUBE/PLUS has memorized the code of the transmitter that just got copied and will already be working with the original receiver.

Press the EGO KUBE/PLUS key several times for a verification of correct operation on the original receiver.

NB1: The transmitter's key copied on the EGO KUBE/PLUS must already be coupled and working on the original receiver. In case it is not already coupled in the receiver, follow the manual insertion procedure in the receiver, as indicated in paragraph 12.

7 COPY OF A ROLLING CODE's SERIAL CODE

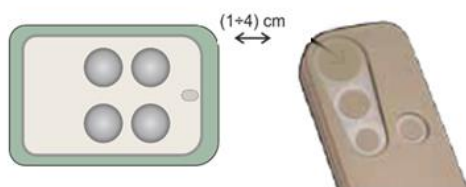
This procedure allows the rolling code's serial code (variable part of the code) of an original transmitter to be copied. Since this is a rolling code transmitter, activations with the new transmitter will increase the variable part of the code (rolling code) making the original transmitter incompatible with the receiver until an eventual realignment of the codes (to be done by multiple activations of the command key).

A) PROGRAMMING MODE

Press and hold key 1 on the EGO KUBE/PLUS and press key 2 four times. The TX LED starts flashing slowly (one flash approximately every 2 seconds).

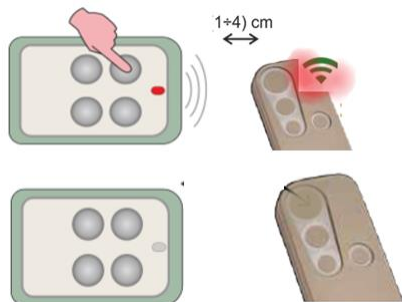


Release the keys and place the original transmitter in front of the EGO KUBE/PLUS at a distance of about 1÷4 cm.



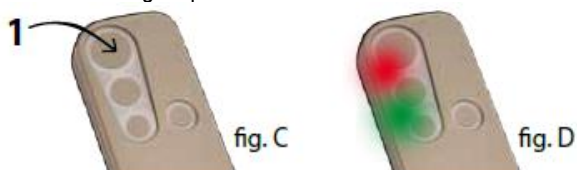
B) COPYING

Press and hold the key on the original transmitter until the TX LED on the EGO KUBE/PLUS starts flashing rapidly, then release it.



WARNING. If by holding down the key of the Fixed Code transmitter, the TX LED keeps flashing slowly, the code learning was not successful, refer to section 13: errors and solutions.

Press the EGO KUBE/PLUS key in which you want to store the key of the original transmitter (e.g. on key 1 as in Fig. C). The TX led will light up for a few seconds.



The key on the EGO KUBE/PLUS will now have the same serial code (Rolling Code) as the transmitter that has just been copied and will already be functional with the original receiver, regardless of which LED is lit on the EGO KUBE/PLUS .

To obtain multiple activations, you must repeat the operation for all the keys you wish to copy.

NB: The keys of the EGO KUBE/PLUS trasmitter will activate the respective receivers if the keys of the copied transmitters are already stored within those receivers.

In case the key of the cloned transmitter is not inserted in the receiver, you must follow the manual insertion procedure in the receiver, as indicated in paragraph 12

8 COPY OF A FIXED CODE's SERIAL CODE

This procedure allows you to copy the serial code (rolling code) of an original transmitter and block its increment.

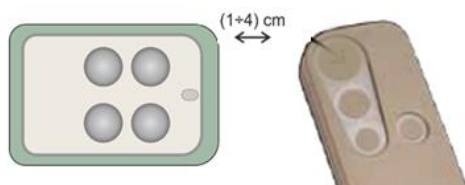
In this case, it is necessary to use this function only in the presence of receivers compatible with this function (recognition of transmitters without the rolling code portion).

A) PROGRAMMING

Press and hold key 1 on the EGO KUBE/PLUS and press key 2 four times. The TX LED starts flashing slowly (one flash approximately every 2 seconds).

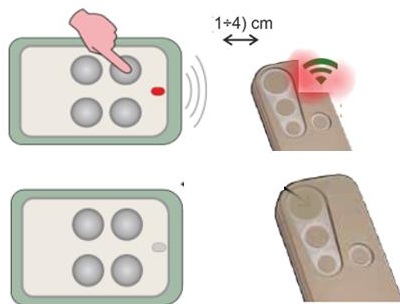


Release the keys and place the original transmitter in front of the EGO KUBE/PLUS about 1÷4 cm away.



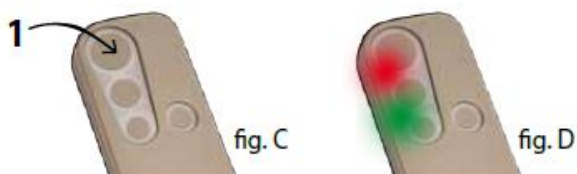
B) COPYING

Press and hold the key on the original transmitter until the TX LED on the EGO KUBE/PLUS starts flashing rapidly, then release it.



WARNING. If by holding down the key of the Fixed Code transmitter, the TX LED keeps flashing slowly, the code learning was not successful, refer to section 13: errors and solutions.

Press the EGO KUBE/PLUS key in which you want to store the newly learned code (e.g. on key 1 as in Fig. C). The TX Led will light up for a few seconds.



The key of the EGO KUBE/PLUS will now have the same serial code (Rolling Code) as the radio control just copied and this will not be incremented.

The original receiver's manual should be consulted for proper operation.

To obtain multiple activations, you must repeat the operation for all the keys you wish to copy.

9) COPY OF ALL THE KEYS OF THE ORIGINAL TRANSMITTER

This procedure is valid only for CARDIN S449, SOMMER and SOMFY TELIS and allows up to four keys with original codes to be memorized into the EGO KUBE/PLUS by making a copy of only one key.

Key assignment in the EGO KUBE/PLUS is done automatically and cannot be customized.

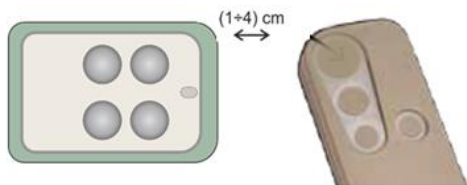
Example: Key1 of the original transmitter will be stored in Key 1 of the EGO KUBE/PLUS, Key2 of the original transmitter will be stored in Key 2 of the EGO KUBE/PLUS etc.

A) PROGRAMMING

Press and hold key 1 on the EGO KUBE/PLUS and press key 2 four times. The TX LED starts flashing slowly (one flash approximately every 2 seconds).

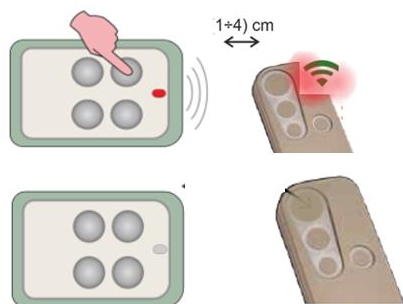


Release the keys and place the original transmitter in front of the EGO KUBE/PLUS about 1÷4 cm away.



B) COPYING

Press and hold the key of the original transmitter until the TX LED of the EGO KUBE/PLUS starts flashing rapidly, then release it.



WARNING. If by holding down the key of the Fixed Code transmitter, the TX LED keeps flashing slowly, the code learning was not successful, refer to section 13: errors and solutions.

Press the EGO KUBE/PLUS key in which you want to store the original transmitter (e.g. on key 1 as in Fig. C).



C) Type of coupling into the receiver

After pressing the code learning text on the EGO KUBE/PLUS transmitter, check which LED lights up for a few seconds.

LED TX



AUTO LED



MANUAL LED



TX LED



The key of the EGO KUBE/PLUS has memorized the code of the transmitter that just got copied and will already be working with the original receiver.
Press the EGO KUBE/PLUS key several times for verification of proper operation on the original receiver.
NB: The copied transmitter must already be coupled and working in the original receiver. In case it is not already coupled in the receiver, follow the procedure for manual insertion into the receiver, as indicated in paragraph 12.

AUTO LED



The key of the EGO KUBE/PLUS has stored the code of the transmitter that has just been copied and needs to be stored in the original receiver using the self-learning procedure indicated in paragraph 11.
NB1: The copied transmitter must already be coupled and working in the original receiver. In case it is not already inserted in the receiver, follow the manual insertion procedure in the receiver as indicated in paragraph 12.
NB2: in the case of a failure of the self-learning procedure consult the receiver's manual as some receivers require remote self-learning enablement, via Dip Switches or Jumpers.

MANUAL LED



The key of the EGO KUBE/PLUS has stored the code of the transmitter that has just been copied and needs to be stored manually in the original receiver by the procedure given in paragraph 12.

10 SENDING SOURCE CODE FROM AN EGO KUBE/PLUS

This procedure allows you to send a source code from an EGO KUBE/PLUS that has performed a storage of a FAAC, GENIUS, BFT code.

A) PROCEDURE

Press keys 1 and 2 of the EGO KUBE/PLUS simultaneously for 5 seconds.
When the TX LED starts flashing slowly (one flash every 2 seconds or so) release both keys.



Press and hold the key of the EGO KUBE/PLUS whose source code you want to send.
The TX LED will be lit for about six seconds, duration of the source code transmission.

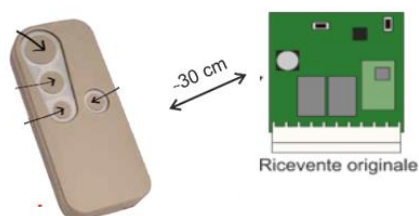


11 RECEIVER PROGRAMMING PROCEDURE WITH SELF-LEARNING

This procedure allows an EGO KUBE/PLUS to be stored in the original receivers without having to access the electronic boards but simply by activating remote self-learning (always near the receiver).

NB1: this procedure can be performed in case the copied transmitter is already inserted in the original receiver. In case the copied transmitter is not already inserted in the receiver, follow the manual insertion procedure in the receiver, as indicated in paragraph 12.

After copying the transmitter, position yourself with the EGO KUBE/PLUS about 30cm away from the original receiver and press the key you want to store for 8 seconds.



Do not press the key of the copied transmitter until the EGO KUBE/PLUS transmitter's self-memorization procedure is completed.

After the 8 seconds have elapsed, the AUTO LED starts flashing rapidly; release the key and wait for the LED to turn off, indicating the end of the self-learning operation.

Press the stored key several times to verify the correct operation of the EGO KUBE/PLUS on the receiver.

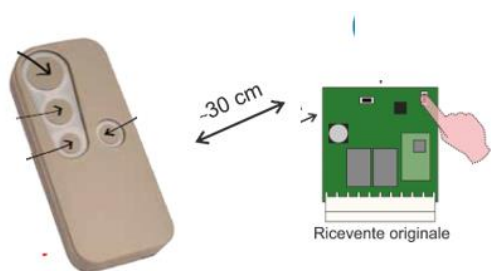
Repeat the learning operation for all the keys you wish to store in the receiver.

NB: If the receiver does not activate the control consult the receiver's manual as some receivers require remote self-learning enablement, via Dip Switches or Jumpers. Otherwise consult section 13: errors and solutions.

12 RECEIVER'S PROGRAMMING PROCEDURE

This procedure allows an EGO KUBE/PLUS to be stored in the original receivers by manually accessing the electronic boards.

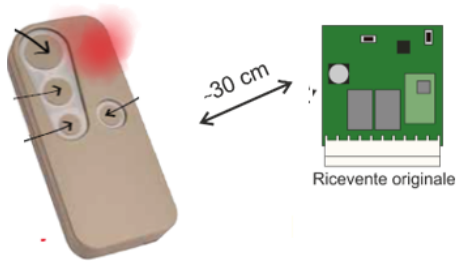
After copying the transmitter, place the EGO KUBE/PLUS about 30 cm away from the original receiver and activate the self-learning procedure, consulting the manual provided by the manufacturer.



Do not press the key of the copied transmitter until the learning procedure of the EGO KUBE/PLUS transmitter is finished.

Press the key of the EGO KUBE/PLUS you wish to store until the original receiver learns the code, then release the key.

Press the stored key several times to verify the correct operation of the EGO KUBE/PLUS on the receiver.



solutions.

If the receiver does not activate the command refer to section 13: errors and

Repeat the learning operation for all the keys you wish to store in the receiver.

13 ERRORS AND SOLUTIONS

- During the copy, the TX LED of the EGO KUBE/PLUS keeps flashing slowly, code learning failed:
 - o Verify that the transmitter to be copied is actually in the reference group tables of the storage procedure used.
 - o Replace the battery of the transmitter to be copied with a new one and repeat copying.
 - o Move the two transmitters away or closer together and repeat the copy.
 - o The electronic board may be faulty, contact service.

- When copying was completed, the TX LED of the EGO KUBE/PLUS lit up but was not recognized by the original receiver:
 - o Verify that the transmitter to be copied is actually in the reference group tables of the storage procedure used
 - o Make sure that you have copied a key from a transmitter already stored in the original receiver into the EGO KUBE/PLUS.
 - o Try coupling the EGO KUBE/PLUS by acting directly on the receiver as described in paragraph 12

- The SELF LEARNING procedure failed:
 - o Verify that when copying is complete, the AUTO LED (square with arrows) on the EGO KUBE/PLUS is on
 - o Make sure that you have copied a key from a transmitter already stored in the original receiver into the EGO KUBE/PLUS.
 - o Verify that the original receiver is enabled for remote learning (check the manufacturer's manual for the receiver's board)
 - o Try to memorize EGO KUBE/PLUS by acting directly on the receiver as described in paragraph 12 (manual coupling on the receiver)

- When the copy is finished, the MANUAL LED of the EGO KUBE/PLUS has lit up, but it does not store manually in the receiver:
 - o Verify that the transmitter to be copied is actually in the reference group tables of the storage procedure used.
 - o Make sure the transmitter copied into the EGO KUBE/PLUS is compatible with the original receiver.

- The manual programming procedure in the receiver was unsuccessful:
 - o Verify that the transmitter to be copied is actually in the reference group tables of the storage procedure used
 - o Make sure the transmitter copied into the EGO KUBE/PLUS is compatible with the original receiver.

- The transmitter has little range:
 - o Make sure the automation antenna is of the same frequency as the copied transmitter, and is installed away from walls and metal parts.

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6	MEMORIZATION OF A FIXED CODE TRANSMITTER group 3	
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