Flor-s

Radio-controls with 4.5 million billion combinations.

433.92MHz rolling code system with self-learning function and sequential code for multiple insertion (Flor-sc).

Flor is the ideal solution for the management of multi-use systems with a unique and personal code: the self-learning receivers are able to receive and store up to 1020 codes. Using the BUPC palm-top device, **the Flor-sc model** makes it possible to memorise entire packs in one operation, without even having to open them. Rolling code transmission: **absolutely secure** because it's absolutely impossible to clone the transmitter

Self-learning function: the codes can be entered at a distance with an authorised transmitter or with a programming button on the receiver while a LED displays the different functions.
A drop in consumption but greater independence.
The Flor-s system includes:
Transmitters with 1, 2, 4 channels
Universal **receivers** with 1 or 2 channels, modular, plug-in or for outdoors, IP53, with step-by-step, timer and anti-burglar functions
The **aerial** can be incorporated in the Lucy flashing light or in the outdoor IP53 receiver, or fixed with a bracket

Large buttons protected against accidental operation

The new Bay-blend® plastics, are even more resistant and elastic.

Code	Description	Pc/pack
FL01R-S	1 channel	10
FL02R-S	2 channels	10
FL04R-S	4 channels	10
FL01R-SC	1 channel with sequential code for multiple insertion	10
FL02R-SC	2 channels with sequential code for multiple insertion	10
FL04R-SC	4 channels with sequential code for multiple insertion	10

Technical specifications	carrier frequency	range	coding	power supply	average absorption	dimensions	
FL01R-S							
FL02R-S							
FL04R-S	433.92MHz ±100KHz	150 - 200m with a tuned aerial in a free area	digital 52bit (4.5 million billion combinations)	12Vdc + 20% - 40% with 23A battery	25mA	72x40x15 h	
FL01R-SC							
FL02R-SC							
FL04R-SC							

Universal receivers with 1 or 2 channels, **modular**, Nice or SM (SMXI) **plug-in** connector **or for outdoors IP53**, with step-by-step, timer and anti-burglar functions.

The FloR and VeryVR systems can be interfaced with the BUPC and SMU palm-top devices for an easy programming and management of the codes. **Management of multi-user system** through the unique, personal code: the recognition receivers can receive and memorise up to 63 codes with BM250, 255 with BM1000 and 1020 when the modular receiver is equipped with 4 memory cards.

Memorisation: a particular receiver output can be associated to each transmitter key (e.g. key 3 TX= output 1 RX). **The aerial** can be incorporated in the Lucy flashing light or in the outdoor IP53 receiver, or fixed with a bracket
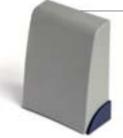
universal

IP53 for outdoors

with Nice plug-in

with SM plug-in

SM pre-wired

modular

Receivers

Code	Description	Pc/pack
FLOX1R	1 channel with BM250 memory	1
FLOX2R	2 channels with BM250 memory	1
FLOXB2R	2 channels with BM250 memory for ABKIT	1
FLOXIR	1 channel with BM250 memory	1
FLOXI2R	2 channels with BM250 memory	1
SMXI	up to 4 channels with 256-codes memory	1
SMX2R	2 channels with 256-codes memory, pre-wired	1
FLOXMR	4 channels with an MXD channel module and BM1000 memory, 24V	1
FLOXM220R	4 channels with an MXD channel module and BM1000 memory, 230Vac	1

Technical specifications	carrier frequency	reception frequency	sensitivity	power supply	absor.when quiescent	decoding	number of channels	relay contact	dimensions
FLOX1R	433.92MHz SAW controlled	52ohm	> 0.5µV for a good signal	from 12 to 28Vac - dc	15mA	52 digital bits (4.5 million billion comb.)	1	normally open max. 0.5A 50Vac	98x41x25 h
FLOX2R							2		105x68x32 h
FLOXB2R									
FLOXIR							1		67x34x18 h
FLOXI2R							2		
FLOXMR							up to 4		118x54x148 h
FLOXM220R				230Vac ±10%	2VA				
SMXI	433.92MHz quartz controlled			5Vdc	-		4	-	50x18x46 h
SMX2R				from 12 to 28Vac - dc	10mA		2	normally open max. 0.5A 50Vac	86x57x22 h

Flor, VR, Plep europohony.cz

Memory card

Code	Description	Pc/pack
BM250	63-codes memory for FloR and VeryVR receivers	5
BM1000	255-codes memory for FloR and VeryVR receivers	5

Channel units for the modular receivers in all series

Code	Description	Pc/pack
MXD	impulsive	4
MXP	step-by-step	2
MXT	adjustable timer from 3 seconds to 5 minutes	2

Professional, tuned directional aerial

Code	Description	Pc/pack
ABF	bracket mounted	1
ABFKIT	can be incorporated in the FLOXB2R receivers and in Lucy flashing light	1

Technical specifications	reception frequency	impedance	bracket	cablec
ABF	433.92MHz	50ohm	stainless steel	RG 58
ABFKIT			-	-

Batteries

Code	Description	Pc/pack
B3V	3V lithium battery for VR transmitter	20
B12V-A	12V alkaline battery for FLO1R-S/SC, FLO2R-S/SC/M and FLO4R-S/SC/M	50
B3VB	3V lithium battery for Planotime	25

Programming unit

Code	Description	Pc/pack
BUPC	programming and code control unit for the FloR, VeryVR, Bio series complete with PC connecting cable, communication software, connectors for cloning transmitters and advanced code management functions	1
MOU	programming and code control unit for MORX decoder; complete with PC connecting cable, communication software and advanced code management functions	1
SMU	programming and code control unit for receivers with SM connector, complete with connecting cable for pre-wired receivers	1

Technical specifications	power supply	communication	consumption	dimensions
BUPC	9V internal battery inside 12Vdc external source	interface RS232 standard, 9600Bps N,8 1	10mA	210x100x25 h
MOU				

Technical specifications	power supply	consumption	dimensions
SMU	9V internal battery inside	10mA	150x80x38 h