

Transmitters

Selection guide

If you are extending existing systems or adding new users to existing systems, we advise you to use transmitters identical to those currently in use.



NEW SYSTEMS:

1- **ESTABLISH USE FREQUENCY - 433 MHZ OR 868 MHZ** (we suggest the 868 MHz frequency)

If performance is unsatisfactory due to disturbances generated by electrical devices, voltage power lines or powerful radio transmissions in the zone, change over to the other European frequency.

2- SELECT THE TYPE OF DECODING YOU REQUIRE

RC = ROLLING code: the code varies whenever the transmitter is used.

An algorithm recognises and confirms the signal, but only that of the transmitters coded by the receiver.

Advantages: cloning virtually impossible. The coded transmitters can be replicated without intervening directly on the control unit.



SLH = SELF LEARNING HOPPING code: the code varies whenever the transmitter is used.

An algorithm recognises and confirms the signal, but only that of the transmitters coded by the receiver.


Advantages: cloning virtually impossible. The coded transmitters can be replicated, also in remote mode from the receiver, with the patented **SELF LEARNING** system (from transmitter to transmitter), by simply pressing the keys according to a specific sequence.

Notes: FREQUENCY (433 MHz or 868 MHz) + DECODING SYSTEM (RC/SLH) detect which transmitter to use.



433 MHZ TRANSMITTERS

	Type of decoding	Description	Code	Price
	RC	XT4 433 RC 4-channel transmitter 15-pieces package	787452	
	SLH	XT2 433 SLH 2-channel transmitter 15-pieces package	787003	
		XT4 433 SLH 4-channel transmitter 15-pieces package	787004	

868 MHZ TRANSMITTERS

	Type of decoding	Description	Code	Price
	SLH	XT2 868 SLH 2-channel transmitter 15-pieces package	787005	
		XT4 868 SLH 4-channel transmitter 15-pieces package	787006	

SUPPORTS

	Type of decoding	Description	Code	Price
	RC	Wall-support / sun-cover	390204	
	SLH	Wall-support / sun-cover	390203	

COMBINATION RADIO TRANSMITTER

Type of decoding	European use frequencies	Description	Code	Price
SLH	868 MHz	Radio Key Pad 868 SLH	404026	



RADIO KEYPAD 868 SLH SPECIFICATIONS

Use the receivers	RP 868 SLH
Power supply	9 V alkaline battery
Average battery life (10 activations per day)	2 years
Protection class	IP 54
Dimensions (l x d x h) in mm	72 x 31 x 117
Operating ambient temperature	-20 °C to +55 °C
Backlit keypad with LEDs - Buzzer sounded when keys pressed - 3 commands protected by 5 digit access code (PIN) - 1 direct control	

3- SELECTING THE RECEIVER

According to the number of necessary channels (1 or 2), select the receiver with board - with the same type of FREQUENCY and DECODING as the transmitter - to be installed in the relevant connector on the unit of the automated system.

If you require more than two channels, use the special receivers indicated on the following pages.



IMPORTANT: Only the units marked with this logo include the OMNIDEC universal decoding system, which enables you to use any FAAC transmitter, selecting use frequency only. To set the frequency, fit the XF receiver module in the connector on the unit.

RECEIVERS

Type of decoding	European use frequencies	Description	Code	Price
SLH	433 MHz	RP 433 SLH - Coupled receiver 1-channel	787824	
SLH	868 MHz	RP 868 SLH - Coupled receiver 1-channel	787730	
		RP2 868 SLH - Coupled receiver 2-channel	787828	
	433 MHz	Receiver XF 433	319006	
	868 MHz	Receiver XF 868	319007	
RC	433 MHz	RP1 433 RC - Coupled receiver 1-channel	787741	
	433 MHz	RP2 433 RC - Coupled receiver 2-channel	787742	

ACCESSORIES

Relay interface for RP receivers	787725	
Antenna for RP / XF / XR2 / XR4 receiver with securing bracket and coaxial cable - length 5 m - 433 MHz	412003	
Antenna for RP / XF / XR2 / XR4 receiver with securing bracket and coaxial cable - length 5 m - 868 MHz	412006	



XR2 - XR4 868 / 433 MHZ - EXTERNAL RECEIVERS TWO / FOUR CHANNEL

Model	Code	Price
XR2 868 C - 868.35 MHz two-channel external receiver	787749	
XR4 868 C - 868.35 MHz four-channel external receiver	787750	
XR2 433 C - 433.92 MHz two-channel external receiver	787747	
XR4 433 C - 433.92 MHz four-channel external receiver	787748	



TECHNICAL SPECIFICATIONS

	XR2 868 C	XR4 868 C	XR2 433 C	XR4 433 C
Power supply	12 to 24 Vdc - Vac			
Reception frequency	868.35 ± 0.2		433.92 ± 0.2 ± 0.1	
Absorbed current	100 mA			
Decoding (Omnidec system)	DS-SHL		DS-SLH-LC	
Saveable codes	250	250 CH 1-2 / 2/250 CH 3-4	250	250 CH 1-2 / 2/250 CH3-4
Number of channels	2	4	2	4
Number of relay outputs (N.O.)	No.1 pulsed (CH 1) No.1 pulsed/fixed (selectable) (CH2)	No.2 pulsed (CH 1-3) No.2 pulsed/fixed (selectable) (CH 2) No.1 timed (CH 4)	No.1 pulsed (CH 1) No.1 pulsed/fixed (selectable) (CH2)	No.2 pulsed (CH 1-3) No.2 pulsed/fixed (selectable) (CH 2) No.1 timed (CH 4)
Relay contacts capacity	0.5 A/12 to 24 V ac - dc			
Protection class	IP 44			
Operating ambient temperature	-20 °C to +55 °C			
Dimensions (H x L x D)	90 x70 x 32.5 mm			

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RECEIVERS FOR APPLICATIONS REQUIRING MORE THAN 2 CHANNELS, WITHOUT INTEGRATED DECODING SYSTEM

	Specifications	Model	Code	Price
	Multi-channel receiver with integrated 2-pole antenna and separate coding (*) Power supply 20 - 30 Vdc - 24 Vac \pm 10% Max. number of channels (decoding systems that can be connected) 100 Protection class: IP44 Filter on SAW input to eliminate interference	Receiver PLUS1 433	787826	
		Receiver PLUS1 868	787827	
	Multi-channel receiver card with integrated antenna and separate coding, installed inside FAACLIGHT Power supply 20 - 30 Vdc - 24 Vac \pm 10% Max. number of channels (decoding systems that can be connected) 50 Filter on SAW input to eliminate interference	Receiver card PL 433	787733	
		Receiver card PL 868	787732	

DECODING SYSTEMS FOR PLUS AND PL RECEIVERS

allow use of any type of FAAC TRANSMITTER with the PLUS and PL RECEIVERS

Specifications	Model	Code	Price
Decoding card ("open collector" output) for piloting FAAC electronic control units; memory capacity 250 codes; connection by connector; power supply 24 Vdc	Minidec SLH	785532	
Decoding card ("relay" output) for piloting FAAC electronic control units and/or auxiliary commands; memory capacity 1000 codes; programming push-button; connection by connector and/or terminal; power supply 24 Vdc	Decoder SLH	785534	
4-channel extension module for simultaneous connection of 4 decoders	Multidec	102845	
Decoding card ("relay" output), memory capacity 1000 codes; facility for additional memory Mex SLH (other 1000 additional codes); facility to connect to SLH programming unit	Decoder SLHP	785535	
Additional memory for Decoder SLH	Mex SLH	799349	
Programming unit of SLHP Decoder	Control unit SHL	404015	
Device for the transmission of customised codes from the programming unit or from PC to SLH transmitters	Radiocoder 868 SHL Radiocoder 433 SHL	103054 103337	
Software for the programming of the SLH Decoder	Software	785538	Can be downloaded for free from website www.faac.it products/manuals/19 software

Notes

(*) a Minidec / Decoder decoding system is necessary