

Installation Instructions

Seip 24 volt receiver & keyfob upgrade kit type **EKR1MCG**



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Seip EKR1MCG receiver kit (shown with mini & midi keyfob)

Compatibility

Suitable for use with remote controlled garage door and gate operators with a 24 volt power source for ancillary equipment

Note:- Seip EKR1MCG receivers marked "DMCG 1V1" are compatible with the HomeLink in-car remote system as fitted to Audi, Bentley, BMW, Chrysler, Jaguar, Lamborghini, Maybach, Mercedes-Benz, Opel, Porsche, VW & Vauxhall (car must have Homelink system with software rev. 6 or later)

Power Requirement

operating voltage range: 18 - 27 volts AC or 20 - 30 volts DC
nominal standby consumption < 5mA

Positioning

The receiver unit should be secured in a dry position using the self-adhesive pads supplied. If used with gate equipment it must be housed in a weatherproof enclosure as the receiver is not water resistant.

Battery Replacement

Mini type Key-Fob - Remove the screw from rear casing and prize the two halves of the casing apart to reveal two **CR1616** "coin" type batteries

Midi type Key-Fob - A type **LR23A** battery will be found behind removable cover on front

Digital code system

The keyfob transmitters communicate to the receiver by digitally coded transmission. Each transmitter is factory pre-programmed with a unique set of security codes from a choice of 260 million different codes and "hops" to a new code after every operation. The receiver can learn & memorize the unique security code signature of up to sixteen individual keyfob transmitters.

Programming instructions

(Your receiver will be pre-programmed ready for use with the keyfob(s) supplied with it, but will require programming if any further keyfobs are added)

1/ Hold the new keyfob transmitter against the receiver casing beside the antenna and press the button you wish to use until the red light shows. (the 24v power must be connected)

2/ Take the keyfob away from the receiver & press the same button again until the red light goes out.

The new fob should now operate your receiver.

Repeat the above procedure for up to sixteen Seip "TS" series keyfobs.

Clearing the memory

(necessary if a key-fob has been lost or stolen)

Take any pre-programmed keyfob transmitter and hold it against the receiver casing beside the antenna and press and hold the programmed button for about ten seconds until the red light goes out

This will erase all previously memorised fobs, follow the programming instructions above to re-teach your keyfobs



Seip 24 volt single channel radio control receiver - model EKR1MCG

Range - up to 100Mtrs

433Mhz MPT 1340 UK approved frequency



Electrical connections for use with popular UK electric door operators

The Seip receiver unit is supplied with coloured wires, connect these wires to your garage door opener unit as follows:

	Seip model EKR1MCG receiver connections		
Make of door operator or original radio receiver	Black & blue wires (common)	Blue wire (relay contact)	Red wire (24 volt power)
Wessex Liftboy / Telectron / Intercontinental <i>(colours quoted apply to original Telectron / Intercontinental receiver)</i>	Remove original WHITE wire & connect BLACK & BLUE wires from new receiver to this terminal	Remove original BLACK wire & connect BLUE wire from new receiver to this terminal	Remove original RED wire & connect RED wire from new receiver to this terminal
Henderson screw-drive models <i>(colours quoted apply to original Alltronik receiver)</i>	Remove original BLUE wire & connect BLACK & BLUE wires from new receiver to this terminal	Remove original GREEN wire & connect BLUE wire from new receiver to this terminal	Remove original RED wire & connect RED wire from new receiver to this terminal
Slave-Dor / Catmatic, Swift Challenger Genie, Chamberlain <i>(models with external receiver)</i>	Connect BLACK & BLUE wires from new receiver to operator terminal 1	Connect BLUE wire from new receiver to operator terminal 2	Connect RED wire from new receiver to operator terminal 3
Stanley <i>Note: Stanley model ET380 only has two terminals so it will require the Seip 230v upgrade receiver type EKR1MCT</i>	Connect BLACK & BLUE wires from new receiver to the RIGHT screw terminal on the motor casing	Connect BLUE wire from new receiver to the CENTRE screw terminal on the motor casing	Connect RED wire from new receiver to the LEFT screw terminal on the motor casing
Garamatic <i>(models with three screw terminals for external receiver)</i>	Connect BLACK & BLUE wires from new receiver to operator terminal 3	Connect BLUE wire from new receiver to operator terminal 2	Connect RED wire from new receiver to operator terminal 1

Note: For best range the antenna (rigid black wire) should be positioned away from any metalwork or wires

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Further information can be found on our website:- www.garage-door-remotes.co.uk/seip-ts433-fit.htm