

MCM-140, MCM-140+

Wireless Remote Commander



1. INTRODUCTION

The MCM-140/MCM-140+ is a wireless remote control unit for the PowerMax family control panels. The MCM-140 and MCM-140+ differ in their transmitted ID type and functions, as detailed in the Specifications.

The MCM-140/MCM-140+ enables the user to arm/disarm the alarm system, to initiate emergency/fire/panic alarms, to perform one of the AUX. (auxiliary) functions (see Note 2 and 3 in Section 7) and to turn lighting devices on and off. The keypad includes an RF transmitter that sends out a differently coded RF signal for each command.

For PowerMax, the MCM-140 enables activation of the Aux (Auxiliary), seven home control outputs (X-10), one PGM output, Fire and Emergency functions. Each button needs to be individually defined for the AUX, PGM or X-10 functions at the corresponding points of the define panel and define outputs menu of the control panel.

For PowerMax+, PowerMax Pro. PowerMaxComplete or PowerMaxExpress all the functionality is implemented automatically without using space of the

The main features of the MCM-140/MCM-140+ are:

- Automatic reporting of low battery voltage
- Visual indications by redigreen/amber LED.
- Keypad back lighting (selectable).
- Various audible signals sounded by the buzzer in response to specific
- Automatic supervision messages at 60 minute intervals or according to the local standards.
- Long-life 3 year battery life expectancy (for typical user) 3 VDC lithium battery.
- Wall mounting option.

 Friendly programming.
The red LED lights during transmission. The amber LED lights during the programming process (and during transmission if battery voltage is low). The green LED lights upon each keystroke.

2-coto 1.832 White Street Private Emiles Fire Quantum Care in.

Figure 7 - External Week

Keypad Buzzer Sound

Description	Symbol
Short single beep, upon pressing a key	Δ
2 short beeps, in the programming process (par 4.3.6.4.5)	00
Success (victory) melody	
Failure beep	

SPECIFICATIONS

Transmitted ID Type and Functions:

Transmitted	Functions	
IID Type	MCM-140	MCM-140+
PowerCode	Used for Lights 1-7, Light 8 (PGM control). Fire and Emergency functions	
CodeSecure	CodeSecure - Used for Home arming, Away arming, Disamning, Aux and Panic (*) functions	Home arming, Away arming, Disarming, Aux, Panic (*), Lights 1-7, Duress, Fire and Emergency.

Panic alarm is not operative in ACPO compliant products (UK).

Operating Frequency (MHz): 315, 433.9 and 868.95, 869.2625 or according to requirement in country of use.

Battery: 3 VDC, Lithium battery 1450 mAh, CR123A

Low Battery Threshold: 2.7V

Caution! Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the manufacturer's instructions. Current Consumption: 10 µA approx. (STBY), \$5mA (in transmission,

including LED and back light currents): Battery Life Expectancy: 3 years (for typical use)

Back light illumination: Selectable on/off

Dimensions (HxWxD): 127 x 70 x 24 mm (5 x 2-3/4 x 31/32 in.)

Operating Temperatures: 0"-49"C (32"-120"F)

Weight: 105g (3.7oz):

Compliance with Standards: FCC part 15, IC:1467102161.

The term "IC" before the certification/registration number only signifies that the Industry Canada technical specifications were met.

The MCM-140/MCM-140+ is compatible with the RTTE requirements -Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999 and ENS0131-1, EN 50131-3, EN 50131-6, Type C Grade 2: Class II. Certified by Applica T&C.

MOUNTING AND BATTERY REPLACEMENT

Drill 2 holes in mounting surface, insert wall anchors and tasten the bracket with 2 screws





Figure 2 - Mounting



Figure 2 - Battery Replacement

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