



SERIES FEATURES



Transceiver



433MHz

Characteristics MORPHEUS

Digital radio control transceiver with rolling codes and signal reception confirmation

433MHz FM rolling code
 2^{128} code combinations
 Li-Poly rechargeable battery
 Aerial ANS400
 Available channels 1-2-3-4
 Range 100 - 200m
 Mobile transceiver with aerial 700m

The system maintains the radio-electric characteristics of the latest generation of Cardin Elettronica appliances whilst sharpening the reception capacity and increasing the number of possible uses thanks to the implementation of the "Transceiver" bidirectional signal exchange. These and other characteristics make "Morpheus Cardin" an excellent system that distinguishes itself in the specialist sector of radio control devices. The fruit of Cardin Elettronica's experience, and realised following a philosophy of work that sees us continuously occupied in the creation of coherent projects that are aimed at the creation of professional products.

The Morpheus system allows the remote activation of electrical and electronic appliances and sends a reception confirmation signal back to the transceiver. The radio control system consists of one or more mobile transceivers and one or more stationary transceivers, which can be combined to meet the specific needs of the system. The codes in the mobile units are transferred during the memorization stage in to the non-volatile memory of the fixed unit; a maximum of 1000 different codes may be memorised.

The Morpheus system is best used for the activation and deactivation of security systems, the command of automatic opening systems and in all systems which require:

Remote control activation (without wires) using secret codes.

Confirmation control of the sent command signal without direct visual contact with the system.

During operation each successful activation will receive a confirmation signal sent from the receiver to the transmitter allowing you to control an operation from a remote location.

The first time the appliance is used it should be completely charged until the green LED lights up.

Product features MORPH433W00

The interface is able to decode a radio frequency signal coming from a Morpheus transceiver and output a Wiegand/ISO-3554 digital signal, containing the transmitter code, in 13 different formats. It is fitted with a USB for connection to a PC and an input that can be connected to a timer or a switch with the aim of enabling or disabling the interface over different time periods. Rolling Code management with transmitter memorization on the interface.

Carrier frequency 433,92MHz.

Power supply 12/24Vac-dc

Electrical input 20mA

Overall dimensions 120 x 85 x 20mm.

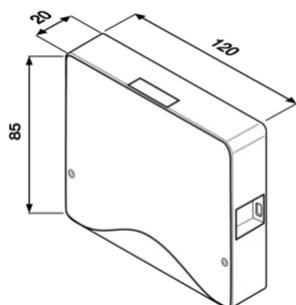


> ULTIMATE CARDIN App

GENERAL CHARACTERISTICS

Power supply	Vac/dc	12/24
Operating temperature range	°C	-20...+55
Protection grade	IP	20

OVERALL DIMENSIONS



> ULTIMATE CARDIN App