



MAGDRIVE

Info



BIO

TRANSMITTERS & RECEIVERS

BIO.PUB

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DESCRIPTION

The BIO system represents the safest, most advanced and versatile answer to access control.

ADVANTAGE

Each transmitter in the BIO line is provided with its own unique and unrepeatable code. Thanks to the self-learning technique, which replaces the traditional dip switch coding system, it is actually possible to code over a million combinations.

REVOLUTION

By connecting the BIO system to a PC, it is possible to programme all the control and regulation variants requested for access to areas, structures and environments, according to security requirements and the need for discretion. Code by code, it is possible to check, for example, the regularity of use, or control selectivity during access hours. The BIO-PC system carries out these operations by assigning precise rules (which may also vary from each other) to each authorised code.

POWER

The BIO receiver is designed to receive all codes transmitted by the radio control, and respond positively only to those authorised or learned (from 60 to 1000), which are present in the minute memory card. The memory can be extracted to facilitate coding operations, data memorising and on the spot up-dating using the BUPC keypad.

DESIGN

The essential shell-like line was designed and shaped to allow the device to blend with any architectural context.

BUPC, A FULL RANGE OF OPERATIONS

The advanced hand-held BUPC keypad completes the BIO system, making it possible to carry out a large number of programming operations directly "on the site". By inserting the memory card of the receiver, codes and passwords can be entered and up-dated. By connecting the BUPC to a computer, it is possible to transfer to a disc, save and alter the lists of authorised codes and further personalise the radio controls, by associating identities with codes.

TECHNICAL DATA

BTK TRANSMITTER

Carrier Frequency:	30.875 MHz quartz controlled
Stability:	30 ppm (from -40°C to +85°C)
Radiated Power:	100uW (-10dBm)
Coding:	Digital 30 or 38 bit (1,048,512 to 268,419,072 total combinations)
Channels:	1,2 or 4 contemporaneously
Voltage:	12V DC +20%-50% with 23A battery
Average Consumption:	25mA
Operating Temperature:	-40°C to +85°C
Dimensions:	72 x 40 x 18mm
Weight:	40g

BXK RECEIVER

Receive Frequency:	30.875 MHz quartz controlled
Intermediate Frequency:	455 KHz single conversion
Input Impedance:	52 ohm
Sensitivity:	<0.3uV per signal received (average range 300m with AK antenna)
Voltage:	from 10V to 28V DC or AC

Input Quiescent 15mA
Input 1 Channel Oper. 35mA
Decoding: digital 30 bit (1,048,512 combinations)
No. Channels: 1 or 2, according to version
Relay Contact: NA max 0.5A 125V AC
Energising Time: reception of 3 complete codes (250 ms)
De-energising Time: 300 ms from last valid code
Operating Temperature: -10°C to +55°C
Dimensions: 67 x 34 H17 connection type
98 x 41 H25 universal type
Weight: 27g connection type
62g universal type

Special Functions: step-by-step, timer and theft alarm
