

DCT6

Wireless Door Contact V1.0

Installation Manual



Open/Close

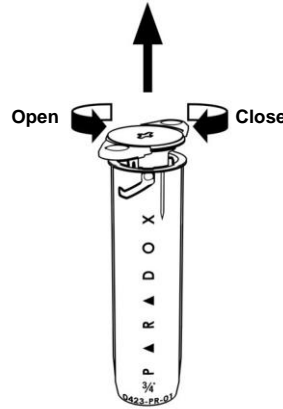


FIGURE 2

Breaking the Flange

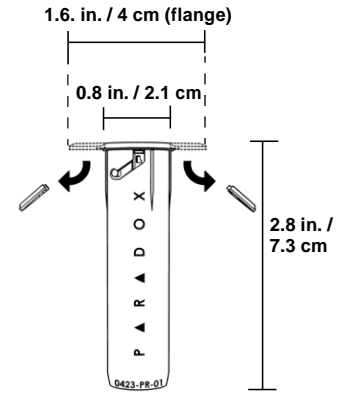


FIGURE 3

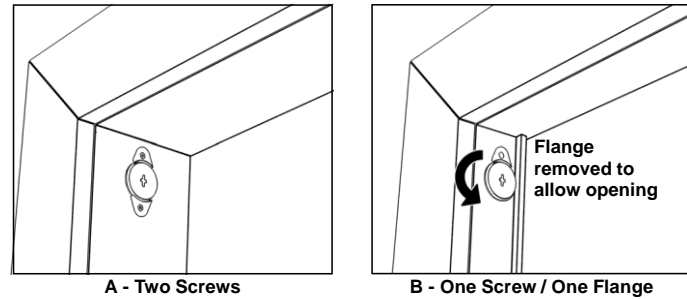
Introduction

The DCT6 is a wireless magnetic door contact that is discreetly hidden within the frame of a door or window.

Installation

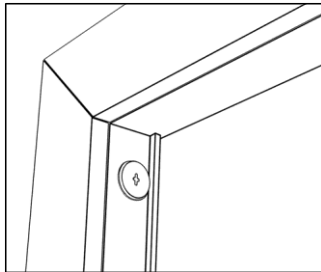
Transmitter: Drill a 3/4 in. x 2.75 in. depth (16 mm x 70 mm depth) hole in the frame and insert the DCT6 transmitter. Secure the transmitter body A- with two screws or B- with one screw and remove one flange if it interferes with the radial opening or C- press fit installation on narrow frames, see Figure 3, A, B and C.

Magnet: Drill a 3/4 in. x 1.1 in. (19 mm x 28 mm) hole in the frame to be aligned with the transmitter when door/window is closed and insert the magnet with press fit. Make sure it is aligned with the transmitter and that the gap, when closed, is not greater than 0.4 in. / 10 mm.



A - Two Screws

B - One Screw / One Flange



Setting RF Frequency / Replacing Battery

1. Open the top of the DCT6 transmitter, turning the cover counter clockwise, see Figure 2.
2. Locate the switch on the PCB, as shown in Figure 4.
3. Slide the switch to the desired frequency 433 MHz or 868 MHz.
4. Remove the battery for a few seconds. Replace the battery back (verify the polarity and insert properly + and - marked on the battery terminals, see Figure 5).

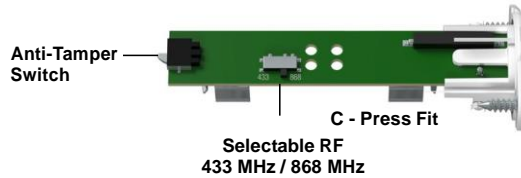


FIGURE 4

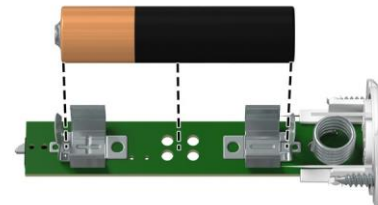


FIGURE 5

We recommend to replace the battery ever 3 years to avoid leakage.

EVO Programming and Testing

1. Enter section **[4003]**
2. Enter RTX3 or K641LX serial number.
3. Enter section **[101]** to **[132]** to assign the DCT6.
4. Open the transmitter as per Figure 2 then close it. This will register the DCT6 entered section.
5. Test signal strength by entering section **[601]** to **[632]**.
6. Open the transmitter as per Figure 2 then close it.
7. Verify the signal strength on your LCD keypad or TM70/TM50.

MGSP Programming and Testing

1. Enter available section to assign the DCT6 **[061]** - **[092]**.
2. Open the transmitter as per Figure 2, then close it. This will register the DCT6 to the entered section.
3. Test signal strength by entering correspondent section **[101]** to **[132]**.
4. Open the transmitter as per Figure 2 then close it.
5. Verify the signal strength on your LCD keypad, TM70/TM50.

Technical Specifications

Power	1 x AAA alkaline battery
RF Frequency	Selectable 433/868 MHz on-board
Battery Life	3 years (replace to avoid leakage) Based on 10 openings/closing a day
Wireless Range	MG5000/MG5050/RTX3 - 40m (130 ft) MG6250 - 20m (65 ft) Wireless range is based on typical indoor installation
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Anti-tamper Switch	Cover opening
Magnet distance	Up to 0.4 in. / 10 mm
Dimensions	7.3 x 2.1 x 2.1 cm (2.8 x 0.8 x 0.8 in.)
Anti-Tamper	Cover opening
Approvals	CE, EN 50131 Grade 2
Remarks	In-frame installation
Supervision	Live supervision, Battery low
Compatibility	Magellan Panels, MG6250, K22LY, K641LY, RTX3, RTX4

FCC and Industry Canada Compliance Statement

This device complies with FCC Rules Part 15 and with Industry Canada license exempt RSS standard(s). Operation is subject to two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference that may be received or that may cause undesired operation.

Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisee aux deux conditions suivantes:

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

FCC WARNING

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Paradox Security Systems Ltd.) could void the user's authority to operate the equipment.

This Class B digital apparatus complies with Canadian ICES-003.

-Cet appareil numerique de la classe B est conforme a la norme NMB-003 du Canada.

Warranty

For complete warranty information on this product, please refer to the

Limited Warranty Statement is found on the website: www.paradox.com/terms or contact your local distributor. Specifications may change without prior notice.

Patents

US, Canadian and international patents may apply. Paradox is a trademark or registered trademark of Paradox Security Systems (Bahamas) Ltd.