

**20
22** ENG

**DISECTRONIC
COLLECTION**

MOTORLOCK GENERATION 2



ENTER THE HOUSE WITH A **CLICK** PROTECT YOURSELF WITH **MOTORLOCK**

the new brushless motor
for the european cylinder lock



motorization controllable with
smartphone | keypad | key fob | cloud | third party systems



WHAT IT IS

Turn your front door into a smart system. Motorlock is an electronic device, easy to install, made to motorize the European cylinder locks.

HOW IT IS MADE

Motorlock is a brushless motorized knob made in Stainless Steel and aluminum, easily installable onto the front door. Motorlock adds new automatic features to the conventional lock, this, without changing its most important qualities! The knob of Motorlock rotates freely without any friction, still ensuring fluid and effortless openings of the cylinder even when this is unlocked with a common key.





ALUMINUM SILVER



ALUMINUM GOLD



ALUMINUM BRONZE



ALUMINUM BLACK



FINISHES & VARIATIONS

BASIC

- Self-learning - first installation with interactive menu
- Unlocking and locking with integrated button
- Unlocking and locking with auxiliary wiring (dry contact)
- Unlocking only with auxiliary wiring (dry contact)
- Automatic programmable timed locking
- Timed latch programmable with possibility to further manually maintain the latch open
- Sonorous latch

ADVANCED

- BASIC version functionality
- Reserved area for access management and creation of temporary codes (B&B) with smartphone
- Time slots programming via smartphone with daily calendar
- Locking and unlocking with smartphone, keypad, fingerprint and keyfob
- Visualization and data programming on Motorlock with smartphone: (number of dead bolt turns, latch, door reed status with door position, Lock status, automatic locking, battery level, latch time, automatic locking time)

ADVANCED + BRIDGE

- ADVANCED version functionality
- Remote locking and unlocking*
- Real time notification of openings, closings, battery alarms or indications of malfunctions*
- Events report divided by date*
- Remote programming and settings*
- Remote reading of door status and lock status parameters*

* Available **only** when purchasing the Bridge



WHAT IT IS FOR

Turn your doorstep into a smart system. Lock and unlock with an electronic device of new generation (smartphone, fingerprint, keypad, keyfob) and change the common key into a superfluous tool. Secure your home by always bolting your lock. Motorlock will do it for you automatically. Operate and control the accesses of your home, your office or your Bed & Breakfast just using the APP and/or the Disec Cloud, this also remotely*.

* Available only when purchasing the Bridge accessory.

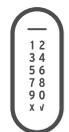


HOW TO USE IT



SMARTPHONE

With the APP "Motorlock", available for both Android and iOS devices, you can control all your Motorlocks and all the electronic keys/codes generated (Keypad and Keyfob). With the operational APP "Motorkey" it is possible to lock and unlock the door.



WIRELESS KEYPAD

Vandal resistant, IP64 weather proof keypad, made in stainless steel and polycarbonate. The keypad is battery powered and equipped with backlight and ambient brightness sensor. Keying in a pre-authorized code (according to the access rights diagram) you can lock and unlock your Motorlocks.



WIRELESS FINGERPRINT READER

3D biometric reader in stainless steel and polycarbonate, battery powered and equipped with light and acoustic indication. Fingerprint recognition allows you to lock and unlock your Motorlocks.



WIRELESS KEYFOB

Battery powered radio-electronic key, with built-in button. Once your key is entered in the "access authorization chart", by pressing the button you can lock and unlock your Motorlocks.



BRIDGE

IFTTT API

With the "Bridge" you will unlock the door to a friend a technician or a guest even if you are away from home, plus, you will receive, in your smartphone, on time notices of all the device events. You will handle all your check in(s) and check out(s) in your Bed&Breakfast, without going on site, you will generate temporary keypad codes or smart keys that will last only for the agreed time.



COMPATIBILITY WITH THIRD-PARTY SYSTEMS

Compatibility with third-party products allows you to open and close your Motorlock with biometric systems, gsm, transponder cards, etc. by connecting them to a predisposed electrical contact.



MANUAL OPENING

From inside your home, you can always open the door with a manual operation, using a button, or directly, just rotating the engine knob, as you would on a normal thumb turn cylinder. From the outside the mechanical key of your cylinder continues to work normally without creating any burden.



MOTORLOCK IS SUITABLE FOR



PRIVATE HOMES

Say goodbye to the old key!
Lock and unlock directly
with your smartphone.

ELDERLY PEOPLE

Keep using your original
key, if you wish so
or use a simple keyfob.

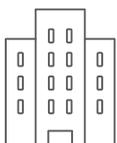


HOLIDAY HOMES

Host whoever you want
without going fisically on site
to receive your guest or
supervise remotely the
maintenance.

TOURISTS

Supervise your guests
without moving from
home/office, with
smartphone or keypad.

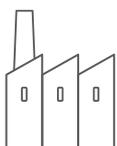


CONDOS (BLOCK OF FLATS)

Safety and quality for every
single apartment and for
common entrances.

DISABLED PEOPLE

Make life easier
for disabled people
automating their front door.



COMPANIES

Manage access permits and
restrictions to all areas
through our systems.

MAINTENANCE WORKERS

Open to your caretaker
remotely or provide him with
controlled access permits.



HOTELS + B&B

Check in(s) and Check
out(s) easy and without
traveling away from home.

CLEANERS

Open to your cleaners
remotely of proved them with
controlled access permits.

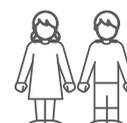


PUBLIC PLACES

Strong, durable and reliable,
completely made of metal.

CHILDREN

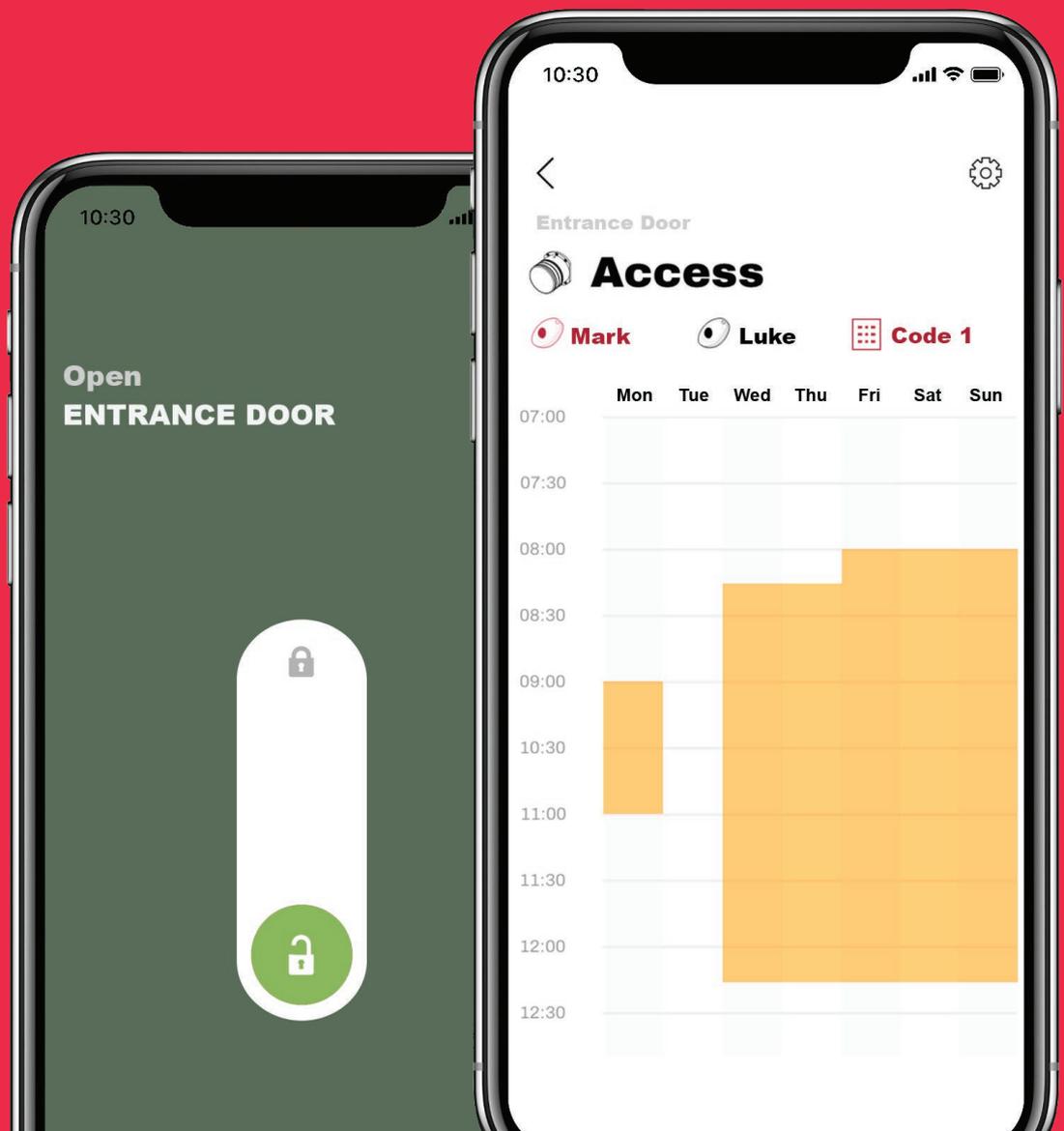
Check in real time who enters
and who leaves home.



FUNCTIONS

Enter the world of Disec Motorlock. You can control your door through a dedicated App (Android or IOS), that provides you with a detailed register of all events related to your door and a full vision of who locks and unlocks the front door.

From our side, we are focused on security, and we guarantee its very best level on whatever device you might decide to use. Don't give up the safety of your home and choose the comfort of Motorlock.



OVERVIEW

SIZE

Ø65 mm X L 65 mm

POWER

Main supply 12V 300W
With lithio rechargeable battery

ENGINE

Brushless without gears

ENGINE TORQUE

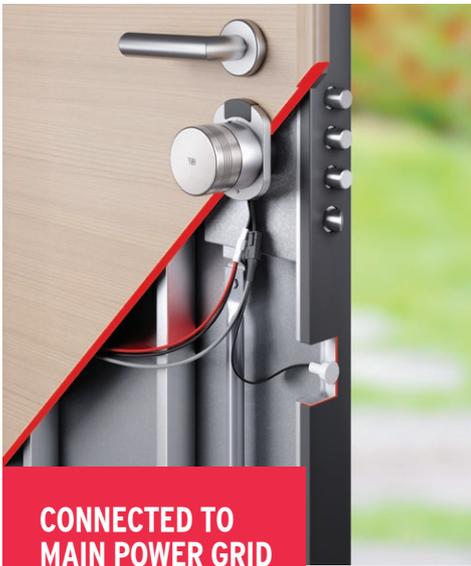
MAX 2,5 N/M



**BUILT-IN SWITCH
WITH 4 FUNCTIONS**



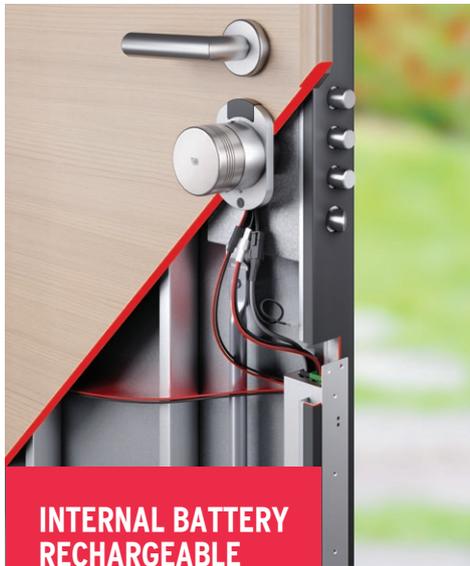
**SWITCH FOR IGNITION
AND GENERAL SHUTDOWN**



**CONNECTED TO
MAIN POWER GRID**

Available in the following versions
MVB2 BASIC STD/ATRA
MVA2 ADVANCED STD/ATRA

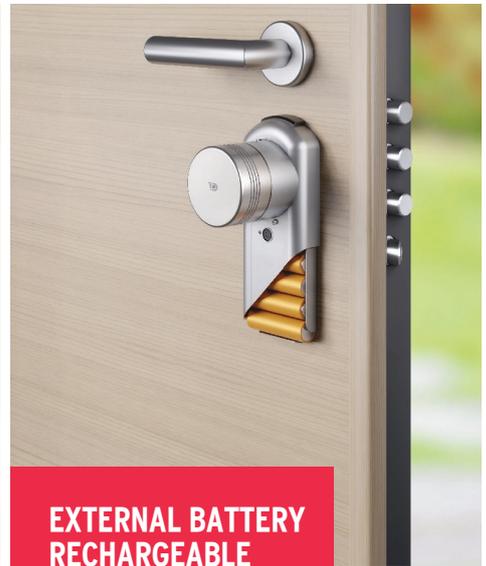
This Motorlock can be connected directly to the main power network without batteries. In case of power cut, you can use your key from the outside or the "thumb turn engine knob" from the inside. It has an essential design; it requires professional installation.



**INTERNAL BATTERY
RECHARGEABLE**

Available in the following versions
MVBM2 BASIC STD/ATRA
MVAM2 ADVANCED STD/ATRA

Version with rechargeable battery positioned inside the door. You can recharge it when its battery is flat, or keep it connected to the main power network, ensuring its perfect functioning even in case power failure thanks to the battery back-up. It has essential style with the battery hidden inside the door; it requires professional installation.



**EXTERNAL BATTERY
RECHARGEABLE**

Available in the following versions
MVA-KB ADVANCED
with MTLBATMS

Version with rechargeable battery surface mounted on the door external panel, the battery life is aprox. 1 month*. the batteries are recharged in a few hours, using battery charger with magnetic connector; if while charging the door is opened, the magnetic connector simply falls off, without causing damage. The design is "important" but it can be easily installed by anyone** following specific instructions.

* Consumption may vary depending on the type of lock or door ** Minimum DIY capacity required.

**A4113
OPTIONAL**
external power pack
12v 300w



**SM2221
OPTIONAL**
door sensor wired
on door frame



A4207
included



A4209
included



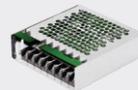
**MTLKFB
1 KEYFOB**
supplied with MVA2
only for ADVANCED version



**MTLBATM
OPTIONAL**
battery pack inserted
in the door profile with
integrated door sensor



**CM0046
OPTIONAL**
mini power supply
pack for recessed
battery



A4207
included



A4209
included



KTMTLCM
supplied with MTLBATM
battery charger with
magnetic jack



**MTLKFB
1 KEYFOB**
supplied with MVAM2
only for ADVANCED version



MTLBATMS
battery built-in
with motor



CM0037
supplied with MTLBATMS
radio reed switch



KTMTLCM
supplied with MTLBATMS
battery charger with
magnetic jack

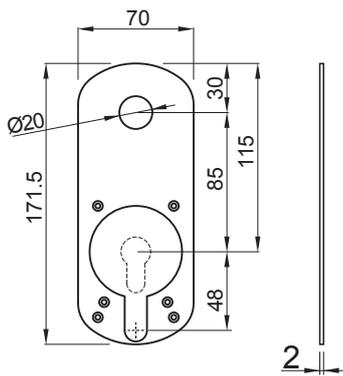


**MTLKFB
1 KEYFOB**
supplied with
MVA-KB

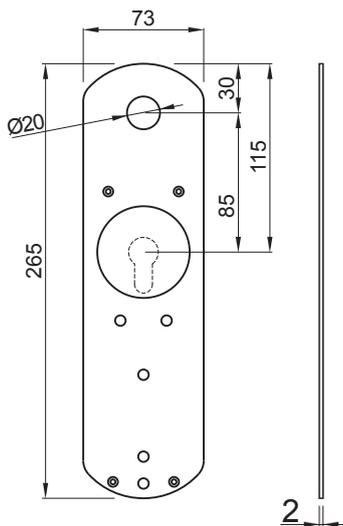


ACCESSORIES

A4392 | ESCUTCHEON



A4395 | ESCUTCHEON



6 Anodized Silver

B Bronze

N Black

9 Anodized Gold

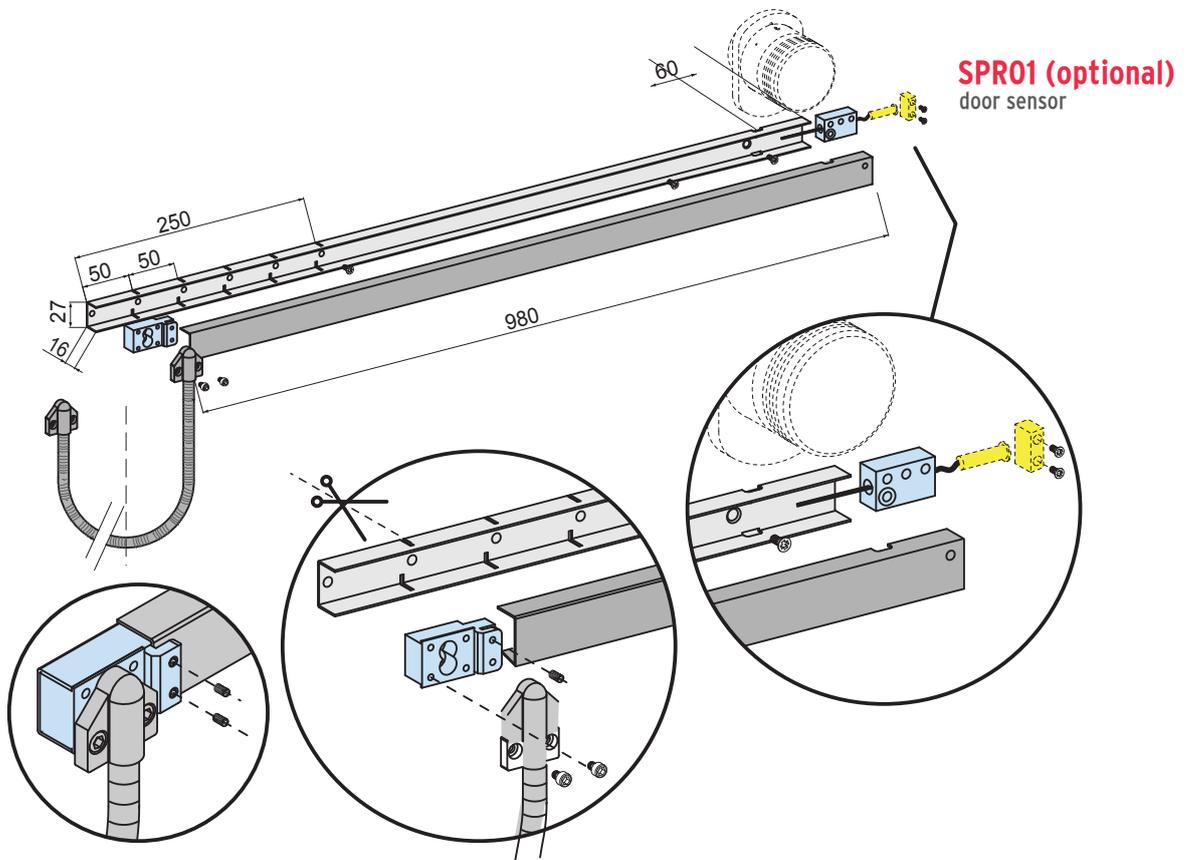
ACCESSORIES

BAR101 | WIRE BAR

Surface mounted bar for wiring and connections. The bar can be adapted to the size of the door and includes, in the two heads, the door sensor and the anchorage for the cable spring gland.



Double side mounting



SPR01 (optional)
door sensor



G-LOCK

GLOCK

POWER

From 7 to 48 V DC/AC

COMPATIBILITY

Backset 50 - 60 - 70 - 80 mm

RETROFIT

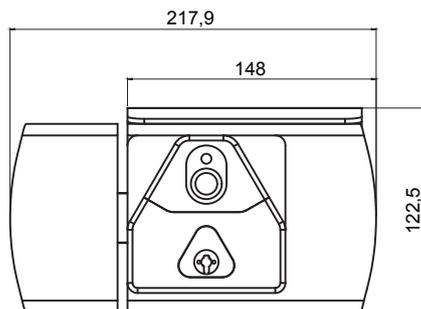
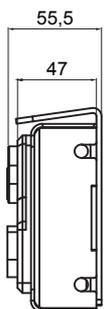
Single-line power supply and opening

MODE

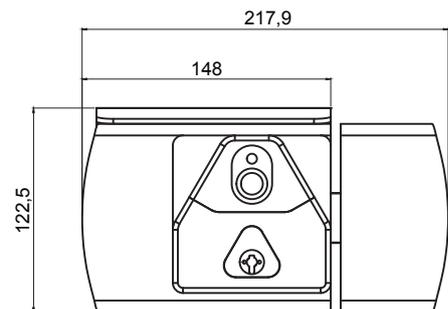
Reversible RIGHT / LEFT

DRIVE TIME

Programmable automatic locking



SX



DX

WHAT IT IS

It is a silent automatic locking system for pedestrian gates that can be controlled via smartphone, keypad, fingerprint and keyfob.

HOW IT IS MADE

G-Lock can be installed without replacing the existing double cylinder rim lock. It controls the access to your home, B&B or workplace. G-lock is part of the Disc Cloud platform.

HOW TO USE IT



SMARTPHONE

With the "Motorlock" APP, available for both Android or iOS devices, you can control all your G-Locks and all the other electronic keys installed (Keypad, Fingerprint, Keyfob). With the operating APP "Motorkey" it is possible to open and close the G-Locks.



WIRELESS KEYPAD

IP64 weather resistant keypad, made in stainless steel and polycarbonate. The keypad is battery powered and equipped with backlight and ambient brightness sensor. Inserting a pre-authorized code (according to the access rights and timing) it allows you to open your G-Locks.



WIRELESS FINGERPRINT READER

3D biometric reader in stainless steel and polycarbonate, battery powered and equipped with light and acoustic indication. Fingerprint recognition allows you to lock and unlock your G-Locks.



WIRELESS KEYFOB

Battery powered radio electronic key, with built-in button. Once your key is entered in the "access authorization chart", by pressing the button you can unlock your G-Locks.

BRIDGE

IFTTT API

With the "Bridge" you will unlock the door to a friend a technician or a guest even if you are away from home, plus, you will receive, in your smartphone, on time notices of all the device events. You will handle all your check in(s) and check out(s) in your Bed&Breakfast, without going on site, you will generate temporary keypad codes or smart keys that will last only for the agreed time.



COMPATIBILITY WITH THIRD-PARTY SYSTEMS

Compatibility with third-party products allows you to open and close your G-Lock with biometric systems, gsm, transponder cards, etc. by connecting them to a predisposed electrical contact.



MANUAL OPENING

From inside your home you can always open the gate with a manual operation, using a button or your key.



MOTORCLICK

MTCLICK

POWER

From 7 to 36V DC/AC

RELAY CONTACT

NC/COM/NA 250V 200 Watt MAX

AUXILIARY OUTPUT

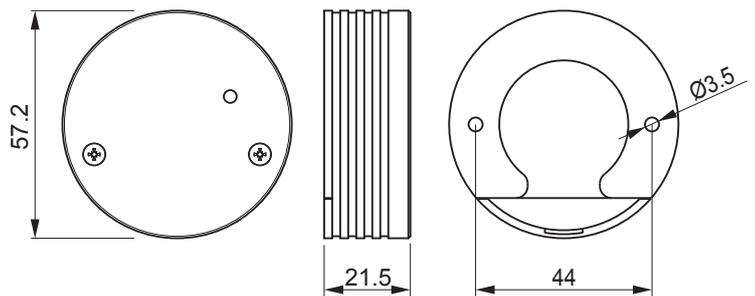
6V 1.5 A

MODE

Bistable o monostable

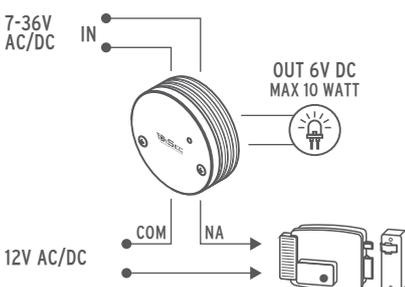
DRIVE TIME

Programmable



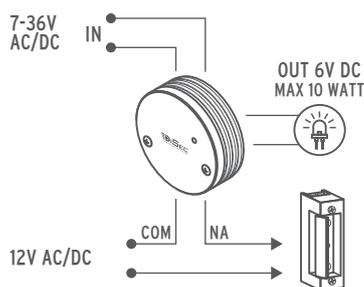
ELECTRIC LOCK

CISA TYPE (CHANGE OVER CONTACT)

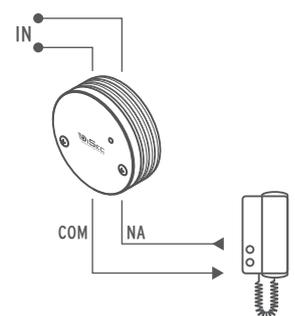


ELECTRIC STRIKE

CHANGE OVER CONTACT



OPENING VIA INTERCOM



WHAT IT IS

It is a smart relay; a smart switch that can be controlled with smarphone, keypad, fingerprint and keyfob.

HOW IT IS MADE

Motorclick has a polycarbonate container, installable on the wall or inside of a weather resistant electric box. It opens Gates, electric strikes or any other device equipped with electric control. Motorclick is part of the Disec Cloud platform.

HOW TO USE IT



SMARTPHONE

With the "Motorlock" APP, available for both Android or iOS devices, you can control all your Motorclicks and all the other electronic keys installed (Keypad and Keyfob). With the operating APP "Motorkey" it is possible to open and close the Motoclicks.



WIRELESS KEYPAD

IP64 weather resistant keypad, made in stainless steel and polycarbonate. The keypad is battery powered and equipped with backlight and ambient brightness sensor. Inserting a pre-authorized code (according to the access rights and timing) it allows you to open and close your Motoclicks.



WIRELESS FINGERPRINT READER

3D biometric reader in stainless steel and polycarbonate, battery powered and equipped with light and acoustic indication. Fingerprint recognition allows you to lock and unlock your Motorclicks.



WIRELESS KEYFOB

Battery powered radio electronic key, with built-in button. Once your key is entered in the "access authorization chart", by pressing the button you can lock and unlock your Motoclicks.



BRIDGE

With the "Bridge" you will unlock the door to a friend a technician or a guest even if you are away from home. plus, you will receive, in your smartphone, on time notices of all the device events. You will handle all your check in(s) and check out(s) in your Bed&Breakfast, without going on site, you will generate temporary keypad codes or smart keys that will last only for the agreed time.

IFTTT API

B&B

KEYBOX

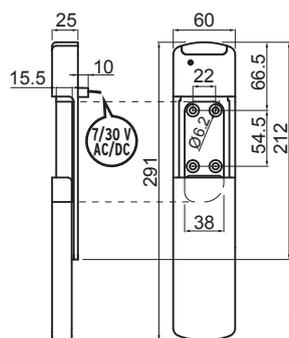
KEYBOXB&B

POWER

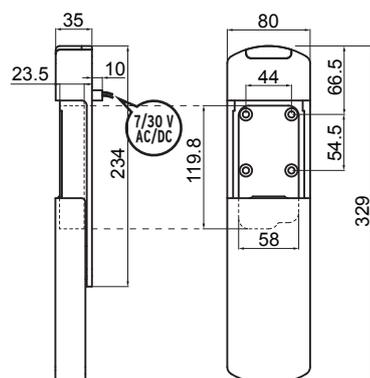
From 7 to 36 V DC/AC

DRIVE TIME

Programmable



KEYBOX



KEYBOX MX



WHAT IT IS

It is a strong/durable box that can contain a key or a bunch of keys; it can be controlled via smartphone, keypad, fingerprint and keyfob.

HOW IT IS MADE

Keybox is weather resistant box (with IP67 protection), made in metal and polycarbonate. Keybox can be easily installed on the wall, inside or outside the dwellings. Keybox is part of the Disec Cloud platform.

HOW TO USE IT



SMARTPHONE

With the "Motorlock" APP, available for both Android or iOS devices, you can control all your Keyboxes and all the other electronic keys installed (Keypad and Keyfob). With the operating APP "Motorkey" it is possible to open the Keyboxes.



WIRELESS KEYPAD

IP64 weather resistant keypad, made in stainless steel and polycarbonate. The keypad is battery powered and equipped with backlight and ambient brightness sensor. Inserting a pre-authorized code (according to the access rights and timing) it allows you to open your Keyboxes.



WIRELESS FINGERPRINT READER

3D biometric reader in stainless steel and polycarbonate, battery powered and equipped with light and acoustic indication. Fingerprint recognition allows you to lock and unlock your Keyboxes.



WIRELESS KEYFOB

Battery powered radio electronic key, with built-in button. Once your key is entered in the "access authorization chart", by pressing the button you can unlock your Keyboxes.



BRIDGE

With the "Bridge" you will unlock the door to a friend a technician or a guest even if you are away from home. plus, you will receive, in your smartphone, on time notices of all the device events. You will handle all your check in(s) and check out(s) in your Bed&Breakfast, without going on site, you will generate temporary keypad codes or smart keys that will last only for the agreed time.

IFTTT API

OPENING DEVICES

DAC

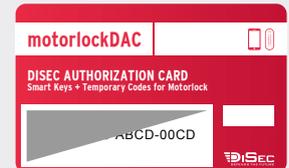
SMART KEY + TEMPORARY CODES PERMISSION

The Disec Authorisation Card (DAC) is an authorisation permit, thank to whom the administrator will be able to create and manage Smart Keys and Temporary Codes of a Disec Tronic device (Motorlock, Motorclick or Keybox). With DAC, (respectively MOTORLOCK DAC, CLICKDAC, BOXDAC, GLOCKDAC) you will generate **COUNTLESS** Smart Keys to share with family members, guests and collaborators, that will then open doors and gates with the "MotorKey" dedicated APP. Each Smart Key can be customized (setting dates and time limits), activated or deactivated, modified or revoked at any time. With DAC, you can also generate and share **COUNTLESS** Numerical Temporary Codes with a limited lifespan. By typing the Temporary codes on a Disec Keypad, it will be possible to open, doors and gates, without having to use GSM systems or internet data connections. The temporary codes only last for a set "time period", decided by the administrator. With DAC, you will authorise access to your property even from a distance.

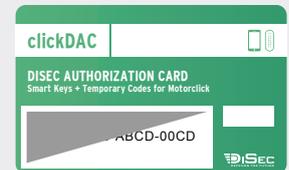
SIZE

86 mm X 54 mm

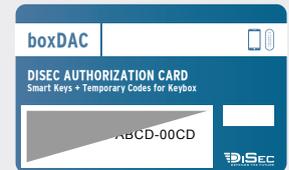
KTCL0



KTCL02



KTCL03



KTCL04



BRIDGE | KTBRG

Bridge is a Bluetooth and WIFI device thanks to whom it will be possible to connect to internet all the products present in the platform Disec Cloud: with Bridge you can control and pilot them, remotely. By adding the Bridge to whatever Disec Tronic product you want, you will switch it on and off from a distance as if it was a few meters away, getting, in real time all the login information.

SIZE

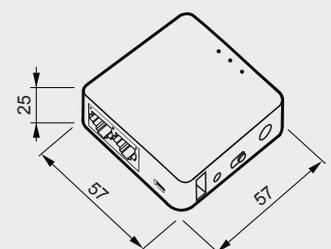
57,2 mm X 57,2 mm X 25 mm

POWER

5V, USB cable

CONNECTIVITY

Wifi 300 Mbs (2.4 Ghz)
802.11b/g/n
Bluetooth 5.0



OPENING DEVICES

KEYPAD | KTMTLTA

Keypad is a wireless numeric keypad that allows, by typing a numerical code of 6 figures, the opening and closing of all Disectronic devices. The codes (access permits) created by the administrator with the "Motorlock" APP, have specific period of validity set in a weekly calendar based on a time slots system of 24 hours. If you have a B&B or a receptive structure, the pairing of Motorlock + Keypad will save you money, time and kilometers because through the Disec Cloud and a regular internet browser you will generate and send to your visitors the necessary Temporary Operative Codes. A single Keypad can control up to 10 different devices.

SIZE

58 mm X 138 mm X 29 mm

POWER

CR17345 battery

CONNECTIVITY

Bluetooth 5.0

LIGHTING

Backlit keys
Environmental sensor



FINGERPRINT | KTMTLFP

Fingerprint is a wireless 3D biometric reader that allows the opening and closing of all Disec Tronic devices through fingerprint recognition. Fingerprint allows multi-device use: it is in fact possible to operate multiple devices from the same reader simply by registering multiple fingerprints and associating each fingerprint with a specific device. A maximum of 400 identities can be stored, for a total of 4000 fingerprints. All identities stored and managed by the administrator via the "Motorlock" APP, have a validity period with a weekly calendar and time slots of 24 hours.

DIMENSIONE

58 mm X 138 mm X 29 mm

POWER

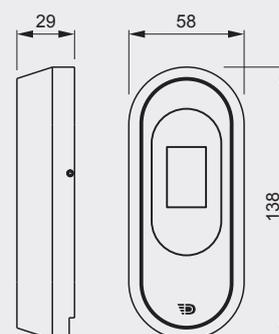
CR17345 battery

CONNECTIVITY

Bluetooth 5.0

INDICATOR

Light and sound



OPENING DEVICES

KEYFOB | MTLKFB

Keyfob is a radio remote control with a compact design. It has a central button, which allows you to switch on and off all Disec Tronic devices. Using the "Motorlock" APP, the radio remote controls are registered in the access control diagram, they can be given a discretionary period of validity based on a weekly calendar and 24-hour time slots. Keyfob is a Bluetooth radio device battery powered; it mounts a CR2032 battery; it contains a low battery sensor and can comfortably be added to a normal key ring with the rest of the keys.

SIZE

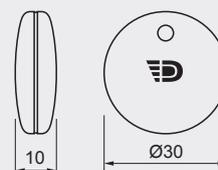
Ø30 mm X 10 mm

POWER

CR2032 battery

CONNECTIVITY

Bluetooth 5.0



IFTTT

The IFTTT integration enables easy interaction between heterogeneous applications and devices, automating their behaviors. All Disec Tronic devices are IFTTT compatible. Thanks to this integration it is possible to create rules between the smart devices present in the home, B&B or workplace. Disec Cloud is compatible with the major voice assistants on the market, such as Amazon Alexa and Google Assistant. You can also have proprietary APIs to integrate all Disec Tronic devices with your private systems.



ACCESSORIES



A4113

External power supply Pack 12v 300w.



CM0046

Mini power supply pack for recessed battery.



KTMTLCM

Battery charger with magnetic jack connector.



MTLBATMS

Surface mounted Battery kit.



MTLBATM

Battery kit inserted into the door equipped with built-in door sensor.



KTMTLALM

Optional easy connection board. (100x80x25 mm)



CM0029

Battery. (approximately 80x70x25 mm)



CM0027

Battery. (about 140x40x25 mm)



GSMOD

GSM Module. (140x60x25 mm)



A4209

Power cable 3 m.



A4207

Cable extension 3 m.



MTLCA

Software update cable.



MTLKFB

Keyfob.



MTLKFBAL

Keyfob with external power supply.



KEYFOB PLUS

Keyfob plus.



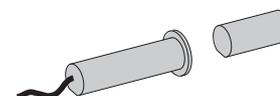
CM0037

Radio door sensor.



SM2221

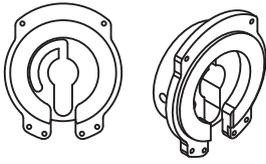
Door sensor.



SPR01

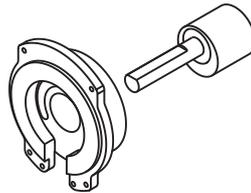
Door sensor Ø8 mm.

ACCESSORIES



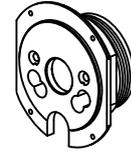
A4229

MTL flange/adaptor for euro cylinder.



A4439

MTL flange/adaptor for round cylinder Ø22.



A3814

MTL flange/adaptor for locks with tripe fixing: 38 din standard Atra and Cr holes.



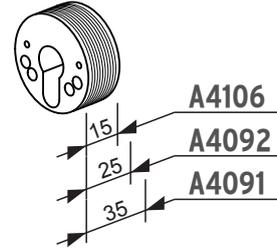
A4738

MTL flange/adaptor for Swiss cylinder Ø22.



A4739

MTL flange/adaptor for Assa Abloy cylinder.

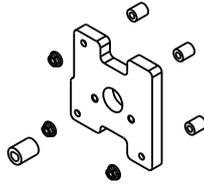


Flange adapter for panel compensation.



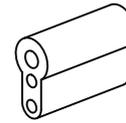
KT4393

Adapter for armored door.



KT4322

Gardesa LFT/RGT lock adaptation kit.



DF03MTL

Template.



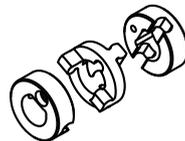
A4669

Template.



A4392 A4395

Special plates.
See dedicated page.



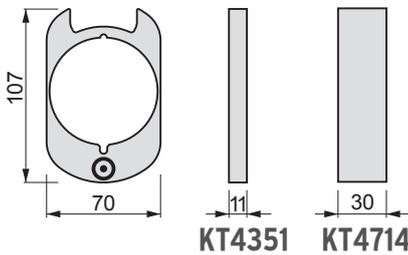
KT4202

MTL cardanic joint.



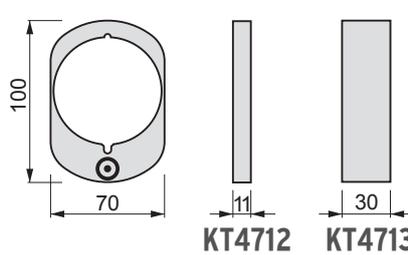
A4574

MTL standard joint.



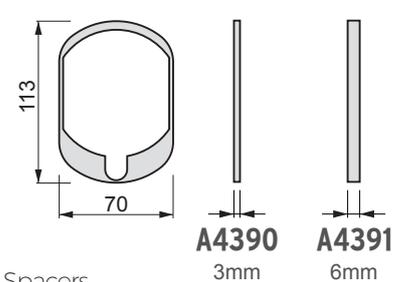
KT4351 KT4714

Decorative plate with magnetic jack.



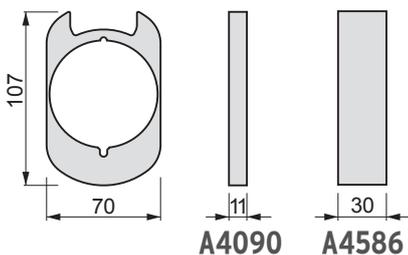
KT4712 KT4713

Decorative plate with magnetic jack.



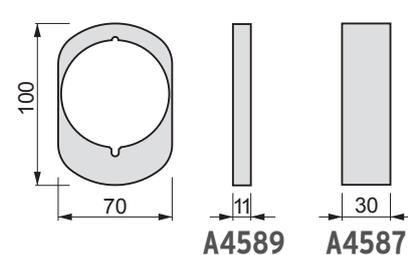
A4390 A4391
3mm 6mm

Spacers.



A4090 A4586

Decorative plate.



A4589 A4587

Decorative plate.

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