

# Medeco<sup>3</sup> Logic

Medeco<sup>3</sup> Logic merges the features of electronics with reliable mechanical technology – all in a retrofit cylinder. Medeco<sup>3</sup> Logic offers end users audit trail, user access schedules and the ability to quickly add or remove a key electronically from a system.

Medeco<sup>3</sup> Logic installs with no wiring in a matter of minutes and digital keys and digital cylinders reprogram for quick changes.



## Lock/Cylinder Features:

- 1,000 groups per cylinder/1,000 keys per group
- Audit cylinder up to 750 audit records
- Encrypted communications
- Available in all common cylinder formats including KIK/KIL, large format interchangeable core, padlocks and deadbolts
- Installs into standard hardware with no wiring or other modifications
- Reprogrammed with ease to use software and administration key
- Mechanically compatible with Medeco<sup>3</sup> and Medeco<sup>3</sup> BiLevel®
- Installs in minutes
- Weather resistant
- Available in most standard finishes

## Technical Features:

- **Memory:** Non-volatile Memory Storing 750 Audit Events in the lock and 1,000 in the keycap
- **Software:** Local software client or web hosted option available
- **Power:** Power supplied by the key, no hard wiring required
- **Lockcase:** Fits standard Rim & Mortise Housing as well as other various platforms
- **Weather Resistant:** Can be used in indoor or outdoor applications
- **Physical Security:** Drill and Tamper Resistant
- **Lockout:** Lost or Stolen keys can be blacklisted so they will not function

## Key Features:

- Mechanical and Electronic technology are combined for superior security with Medeco® patented key control
- Audit key up to 1,000 audit records provides information unavailable in a mechanical system
- Self-cleaning electronic contact point for a long lasting key and reliable connection
- Powered by an easily replaceable CR2025 Battery with 20,000 cycle battery life
- Available with RFID/PROX coil insert for dual use with HID compatible systems
- Rated for -20 degrees Fahrenheit to 122 degrees Fahrenheit (cylinder and key)
- Visible and audible status feedback
- Compact size in water resistant housing

## Warranty:

Medeco® warrants the Medeco<sup>3</sup> Logic products to be free of defects in material and/or workmanship for a period of two (2) years from date of original purchase

## Finishes:

- Available in several finish options

# Medeco<sup>3</sup> Logic

## Rim and Mortise Cylinders

A simple replacement of rim or mortise cylinders with Medeco<sup>3</sup> Logic cylinders provide audit and scheduling along with expiration of credentials for any existing opening utilizing mortise hardware. Cylinders are available in all popular lengths and in any existing mechanical mechanical keyway, and are an ideal upgrade for offices or as convenient loss and liability control or as override for traditional EAC equipment.



### Medeco<sup>3</sup> Logic Mortise Cylinders

Description	Part Number	Price
1 1/8" Mortise Cylinder	10*0200	
1 1/4" Mortise Cylinder	10*0500	
1 3/8" Mortise Cylinder	10S5100	
1 1/2" Mortise Cylinder	10S5200	
1 3/4" Mortise Cylinder	10S5400	

### Medeco<sup>3</sup> Logic Rim Cylinders

Description	Part Number	Price
Rim Cylinder, Horizontal Tailpiece	10*0400H	
Rim Cylinder, Vertical Tailpiece	10*0400V	

## Key-In-Knob/Lever Cylinders

Medeco<sup>3</sup> Logic merges the flexibility of electronics with reliable mechanical technology – all in a key in knob or key in lever retrofit cylinder. Offers user audit trail, user access schedules and the ability to quickly add or remove a key electronically from a system, allowing quick response to security threats or lost/stolen keys. These cylinders fit nearly all popular brands and styles of hardware and are therefore an ideal application for offices, storage and file rooms, as well as any door where cylindrical hardware is used.



### Medeco<sup>3</sup> Logic Cylinders for Arrow

Description	Part Number	Price
Cylinder Package for Arrow RK & MK Series Knobs & GL Series levers. Includes CT-Y70, CTY73, & CP-160321. Original cylinder spacer must be replaced with Medeco cylinder spacer CP-160321	20*200A1	

### Medeco<sup>3</sup> Logic Cylinders for Alarm Lock

Description	Part Number	Price
Cylinder for Alarm Lock Trilogy T1, T2, T3	20*200V1	

### Medeco<sup>3</sup> Logic Cylinders for Cal-Royal

Description	Part Number	Price
Cylinder for Cal-Royal SL00 knob lock and LX01 lever lock	20*20049	
Cylinder for Cal-Royal CLS03 Classroom function Grade 2 lever lock	20*200V1	

### Medeco<sup>3</sup> Logic Cylinders for Corbin Russwin

Description	Part Number	Price
Cylinder for Corbin Russwin CL3900	20*200V9	
Cylinder for Corbin Russwin 800, CL3300, CL3400, CL3500, & CL3600	20*211730	

**Medeco<sup>3</sup> Logic Cylinders for Dorma**

Description	Part Number
Cylinder for Dorma CL853, CL860 (exterior), CL880, CL882, CL80EL, CL80EU Grade 1 lever, CK853, CK860 (exterior), CK880, CK882, CK80EL, & CK80EU Grade 1 knobs	20*200V1
Cylinder for Dorma CL860 (interior), CL870, CL872, CL873, CL877 Grade 1 Lever, CK860 (interior), CK870, CK872, CK873 & CK 877 Grade 1 Knobs	20*200V0
Cylinder for Dorma CL700 Series	20*20049

**Medeco<sup>3</sup> Logic Cylinders for Embassy**

Description	Part Number
Cylinder for Embassy in Entrance, Institution, Storeroom, Corridor Functions. For Embassy Levers sold thru 9/06 and ALL Knobs	20*200V1
Cylinder for Embassy Vestibule, Communicating, Classroom & Classroom Security Functions. For Embassy Levers sold thru 9/06 & ALL Knobs	20*200V0

**Medeco<sup>3</sup> Logic Cylinders for Falcon**

Description	Part Number
Cylinder for Falcon B Series	20*20049
Cylinder for Falcon B (CT-Y49), LY (CT-Y72), X (CT-Y68, except H knob or CT-Y71 - H knob), S (CT-Y54 - except H knob, or CT-Y58 - H knob) & F521, F561, F581, and N Series Knobs (CT-Y49 horizontal)	20*200F1
Cylinder for Falcon Inside Cylinder T-381	20*20073
Cylinder for Falcon T & RU Series, T381 Outside Cylinder	20*200V3

**Medeco<sup>3</sup> Logic Cylinders for KABA Mas Hamilton**

Description	Part Number
Cylinder for Kaba E-plex 5000	20*20000
Cylinder for Mas-Hamilton Power Lever	20*200V1

**Medeco<sup>3</sup> Logic Cylinders for LSDA**

Description	Part Number
LSDA Cylinder package fits 100, , L100, LH1000, LX1000 Series. Includes: CT-Y49, CT-Y70, CTY73, CT-Y78	20*200L1

**Medeco<sup>3</sup> Logic Cylinders for Marks**

Description	Part Number
Cylinder for Marks 110, 170, 180, 190, 195, 295 Series DA-Vestibule, DC & SB Communicating, S-Classroom & Classroom Security functions	20*200V0
Cylinder for Marks Lever 110, 170, 180, 190, 195 & 295 Series in AB-Entrance, DWInstitution, F-Storeroom, & T-Corridor Functions	20*200V1

**Medeco<sup>3</sup> Logic Cylinder for Olympus**

Description	Part Number
Cylinder for Olympus 700LCM & 800 LCM Key Retaining, Includes: CT-Y49, CT-Y52, CT-Y53, CTY54	20*200S1

**Medeco<sup>3</sup> Logic Cylinders for PDQ**

Description	Part Number
Cylinder for PDQ Lever SP & ST Series, GT, XGT, & GP Series	20*200V2

### Medeco<sup>3</sup> Logic Cylinder for Sargent

Description	Part Number
Cylinder for Sargent 10 Line lockset ordered with a '30' option prefix (Note: cylinder will extend from lever more than the standard cylinder)	20*200S1

### Medeco<sup>3</sup> Logic Cylinders for Schlage

Description	Part Number
Cylinder Package for Schlage A, AL, C, D, ND & Olympiad lever designs, includes: CT-Y49 (A, AL, & D Olympiad Lever & C & D Plymouth), CT-Y52 (C & D heavy duty knobs Ball, Globe & Sphere designs only), CT-Y53 (A series Orbit), CT-Y73 (ND series Gr. 1 lever & AL thick doors), and CTY74 (45-101 padlock)	20*200S1
Cylinder for Schlage S Series Lever	20*20097

### Medeco<sup>3</sup> Logic Cylinders for TACO

Description	Part Number
Cylinder for TACO LXV Lever Lockset	20*20078

## Interchangeable Core Cylinders

Medeco® Large Format Interchangeable Core (LFIC) cylinders are designed so that cores can quickly and easily be changed by non-technical personnel by using a special control key. Locks can, in effect, be “rekeyed” without having a working knowledge of the lock or without having to take the lock apart. Medeco<sup>3</sup> Logic format additionally provides the benefits of audit and scheduling features. LFIC cylinders fit many of the industry standard formats making them appropriate for almost any door/hardware application.



### Medeco<sup>3</sup> Logic LFIC Cylinders

Description	Part Number
Cylinder for Medeco 6 pin LFIC	32*0201
Cylinder for Yale 6 pin LFIC	31*0100
Cylinder for Yale 7 pin LFIC	31*0100A

## Deadbolts

In addition to the physical security of the Maxum deadbolt, the Medeco<sup>3</sup> Logic cylinder provides an audit trail, the ability to schedule user access rights and the freedom to quickly add or remove a key from the system. The Medeco<sup>3</sup> Logic deadbolt installs with no wiring in a matter of minutes and is available in existing mechanical keyways. Attack-resistant design and tamper-proof features provide strong protection against forced entry and allow for flawless integration into any home or business application.



\*All Medeco3 Logic Double Cylinder Deadbolts use Mechanical Cylinders on the inside of the deadbolt

### Medeco<sup>3</sup> Logic Deadbolt Cylinders

Description	Part Number
Cylinder for Arrow D & E series single cylinder deadbolt	32S0201
Cylinder for Sargent 470 & 480 Single Cylinder Deadbolt	31S0100
Cylinder for Sargent 470 & 480 Double Cylinder Deadbolt	31S0100A

### Medeco<sup>3</sup> Logic Maxum Deadbolts - Commercial Trim

Description	Part Number
Single Cylinder Maxum Deadbolt, 1 1/8" Faceplate, 2 3/8" Backset	11SC601
Single Cylinder Maxum Deadbolt, 1 1/8" Faceplate, 2 3/4" Backset	11SC602
Single Cylinder Maxum Deadbolt, 1" Faceplate, 2 3/8" Backset	11SC603
Single Cylinder Maxum Deadbolt, 1" Faceplate, 2 3/4" Backset	11SC604
Single Cylinder Maxum Deadbolt, Drive In Front, 2 3/8" Backset	11SC605
Single Cylinder Maxum, Drive In Front, 2 3/4" Backset	11SC606
Single Cylinder Maxum Deadbolt, Less Bolt	11SC60L
Double Cylinder Maxum Deadbolt, 1 1/8" Faceplate, 2 3/8" Backset	11SC621
Double Cylinder Maxum Deadbolt, 1 1/8" Faceplate, 2 3/4" Backset	11SC622
Double Cylinder Maxum Deadbolt, 1" Faceplate, 2 3/8" Backset	11SC623
Double Cylinder Maxum Deadbolt, 1" Faceplate, 2 3/4" Backset	11SC624
Double Cylinder Maxum Deadbolt, Drive In Front, 2 3/8" Backset	11SC625
Double Cylinder Maxum, Drive In Front, 2 3/4" Backset	11SC626
Double Cylinder Maxum Deadbolt, Less Bolt	11SC62L

### Medeco<sup>3</sup> Logic Maxum Deadbolts - Residential Trim

Description	Part Number
Single Cylinder Maxum Deadbolt, 1 1/8" Faceplate, 2 3/8" Backset	11SR601
Single Cylinder Maxum Deadbolt, 1 1/8" Faceplate, 2 3/4" Backset	11SR602
Single Cylinder Maxum Deadbolt, 1" Faceplate, 2 3/8" Backset	11SR603
Single Cylinder Maxum Deadbolt, 1" Faceplate, 2 3/4" Backset	11SR604
Single Cylinder Maxum Deadbolt, Drive In Front, 2 3/8" Backset	11SR605
Single Cylinder Maxum Deadbolt, Drive In Front, 2 3/4" Backset	11SR606
Single Cylinder Maxum Deadbolt, Less Bolt	11SR60L
Double Cylinder Maxum Deadbolt, 1 1/8" Faceplate, 2 3/8" Backset	11SR621
Double Cylinder Maxum Deadbolt, 1 1/8" Faceplate, 2 3/4" Backset	11SR622
Double Cylinder Maxum Deadbolt, 1" Faceplate, 2 3/8" Backset	11SR623
Double Cylinder Maxum Deadbolt, 1" Faceplate, 2 3/4" Backset	11SR624
Double Cylinder Maxum Deadbolt, Drive In Front, 2 3/8" Backset	11SR625
Double Cylinder Maxum Deadbolt, Drive In Front, 2 3/4" Backset	11SR626
Double Cylinder Maxum Deadbolt, Less Bolt	11SR62L

## Padlocks

Medeco<sup>3</sup> Logic padlocks are available to provide accountability in a weather resistant padlock that can be used in indoor or outdoor applications. Padlocks have robust reprogramming abilities, as well as audit and scheduling capabilities. Outstanding performance for your perimeter fences and gates, or access to equipment storage areas where traditional EAC is practically impossible to install.



### Medeco<sup>3</sup> Logic Padlock Cylinders

Description	Part Number
System Series padlock cylinder (padlock body sold separately)	51*0600
Cylinder for Abus Padlock Series 83KNK/45, 83KNK/50 & 83KNK/55. Use Abus driver M	20*20000
Cylinder for American 3600/3700 Padlock (Note: use American driver DR-MED6)	20*20000
Cylinder for New Standard padlocks	20*20052
Cylinder for Master 20 and 6600, 6700 Pro Series (Note: use Master driver 0298-627)	20*20000
Cylinder for Schlage 45-101 padlock	20*20074

### Medeco<sup>3</sup> Logic Padlock Options

Refer to the Padlock section in the full-line catalog for a complete list of 5/16" and 7/16" padlocks, with and without shackle guards. System Series Padlocks.

## International Cylinders

Medeco's international cylinders are designed to fit in locksets of major world manufacturers. In addition to international uses, many of these cylinders fit imported hardware used in North America. These Medeco<sup>3</sup> Logic cylinders can be installed into standard hardware with no wiring or other modifications, as power is supplied by the key. Reprogramming, audit and key scheduling capabilities are available with easy to use software. Cylinders are widely used at high security government installations, industrial and institutional organizations, airports, hotels, power plants, palaces, museums, universities and schools, and office buildings.



### Medeco<sup>3</sup> Logic International Cylinders

Description	Part Number
Cylinder Module Single/Double 36 mm	23S22016-300
Cylinder Module Single/Double 41mm	23S22016-301
*Euro Single Assembled 36mm/36mm	23S230X6
**Euro Double Assembled 36mm/36mm	23S230E6-X00
Euro Half 0mm	23S23016-800
Euro Half 5mm Extended	23S23016-801

\* Standard sizes available from the factory.

\*\* Only one side is electronic, the other is mechanical.

# Medeco<sup>3</sup> Logic

## Keys and Accessories

Medeco<sup>3</sup> Logic electro-mechanical keys operate both Logic cylinders as well as compatible mechanical cylinders for unmatched system flexibility and security. Maintaining and ensuring your system integrity by means of key audit to obtain historic user access information, as well as the ability to schedule access to doors is an invaluable tool. Medeco<sup>3</sup> Logic keys are also mechanically compatible with Medeco<sup>3</sup> and Medeco<sup>3</sup> Bilevel products with potential to integrate into an already existing key system. Keys are user friendly with visible and audible status feedback, are compact in size with water resistant housing and are powered by an easily replaceable CR2025 battery. Utility patented key control provides protection against unauthorized key duplication.



### Medeco<sup>3</sup> Logic Cut Keys

Description	Part Number	Price
Medeco <sup>3</sup> E2 Quartz User Key	EA-44X052	
Medeco <sup>3</sup> E3 Dynamic User Key	EA-44X053	
Medeco <sup>3</sup> E2 Quartz Prox User Key	Key EA-44XP52	
Medeco <sup>3</sup> E3 Dynamic Prox User Key	Key EA-44XP53	
Medeco <sup>3</sup> LFIC Control	Key EA-44X073	
Medeco <sup>3</sup> Yale LFIC Control Key*	EA-44X063	

\*Yale Control Key Required if Ordering 31 series IC Indicate "5" or "6" pin at first "X". Example: EA-44605

Original/Biaxial E2 Quartz User Key	EA-45X052
Original/Biaxial E3 Dynamic User Key	EA-45X053
Original/Biaxial E2 Prox Quartz User Key	EA-45XP52
Original/Biaxial E3 Prox Dynamic User Key	EA-45XP53
Original/Biaxial LFIC Control Key	EA-45X073
Original/Biaxial Yale LFIC Control Key*	EA-45X063

\*Yale Control Key Required if Ordering 31 series IC Indicate "6" or "7" pin at first "X". Example: EA-456052

- Quartz Key systems require Loading Authorizations On Lock via the system C-Key.
- Dynamic Key systems require Loading Authorizations On Key via a desktop or remote programming device.

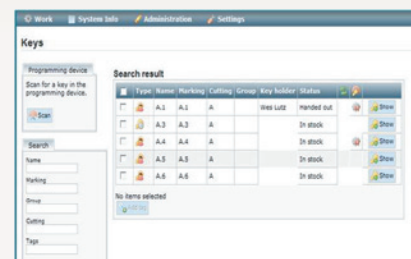
Please consult with your Medeco eCylinder representative to determine which strategy is best for the desired application/installation.

C-Key for Medeco <sup>3</sup> , Original or Biaxial	EA-44600C
V-Prox Battery Cap Programmed - Black (25)	94-0281-001
V-Prox Battery Cap, No Programming - Black (25)	94-0282-001
Prox Battery Cap, Programmed - Black	EA-500041-001

# Medeco<sup>3</sup> Logic

## Programming and Management

The Medeco<sup>3</sup> Logic with CLIQ technology offers Web Management of Key Systems utilizing CLIQ Web Manager. This robust and versatile system allows system administrators the ability to manage Medeco<sup>3</sup> Logic keys and cylinders from anywhere with internet access. With the optional Remote Wall Programming Device, keys can be updated and/or reauthorized with timely expirations for enhanced security while retrieving audit data simultaneously. Several Web Management and stand alone software options are available to meet any customer's requirements.



### Medeco<sup>3</sup> Logic Cliq Web Hosting Software

Description	Elements	Part Number
Logic Cliq Web Hosting, Entry	2 to 50	SW-500101-1
Logic Cliq Web Hosting, Basic	51 to 200	SW-500101-2
Logic Cliq Web Hosting, Corporate	201 to 999	SW-500101-3
Logic Cliq Web Hosting, Enterprise	1000 to 2999	SW-500101-4
Manager PC Software (Single System)		EA-900081
Manager + PC Software for Multiple Systems		EA-900082

### Other Tools

Additional system support tools such as programming devices, USB cables, remote wall programming devices, specialty control keys for I/C Core, or key caps with Prox Programming capabilities are all readily available. We also offer friendly and efficient technical service support.



### Medeco<sup>3</sup> Logic Support Tools

Description	Part Number
Smart Security Solutions Kit; Includes a Medeco <sup>3</sup> , BiLevel, and Medeco <sup>3</sup> Logic Cylinder all operated by a single key.	94-0273
Medeco <sup>3</sup> Logic End User Kit (Manager Software, Programming Device, C-Key)	94-S0270-XX
Vertical Medeco <sup>3</sup> Logic Programming Device (Includes USB Cable)	EA-100113
Remote Wall PD for Medeco <sup>3</sup> Logic	EA-100126
Biaxial and Medeco <sup>3</sup> Bottom Pin Kit for use with Medeco <sup>3</sup> Logic (Original Product uses standard pin kit)	KW5401
Medeco <sup>3</sup> Logic Mobile Programmer	EA-100142
Outdoor, Vandal Resistant, Wall Programmer for Web enabled Medeco <sup>3</sup> Logic keys	EA100160
Metal Cylinder Protector Cover	CP-287260

### Stand Alone Software - End User Startup Checklist:

Description	Quantity	Part Number
Medeco <sup>3</sup> Logic Programming Device	1	EA-100113
Medeco <sup>3</sup> Logic C Key Assembly	1	EA-44600C
CLIQ Software CD. Manager	1	EA-900081

### Web Hosted Software - End User Startup Checklist:

Description	Quantity	Part Number
Medeco <sup>3</sup> Logic Programming Device	1	EA-100113
Medeco <sup>3</sup> Logic C Key	1	EA-44600C
CWM Hosting Level by Elements	1	SW-500101-X