ML5000 Series
Cabinet Locks

ASSA ABLOY

The global leader in
door opening solutions

ASSA ABLOY in brief

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.
ASSA ABLOY is represented in all major regions, on both mature and emerging markets, with leading positions in Australia and much of Europe and North America. In the rapidly growing electromechanical security sector, the Group has a leading position in fields such as electromechanical products, access control, identification technology, automatic doors, commercial, government and institutional security.

Since its founding in 1994, ASSA ABLOY has grown from a regional company to an international group. As the world's leading lock group, ASSA ABLOY offers a more complete range of door opening solutions than any other company on the market.

ASSA ABLOY New Zealand

Manufacturing

ASSA ABLOY New Zealand specialises in customised door and window products, with a full manufacturing facility on site at head office on Auckland's North Shore, and 250 employees nationwide.

ML5000 Series Cabinet Locks

ASSA ABLOY's new cabinet lock range is now the industry benchmark. The ML5000 Series has been developed for the most demanding government, commercial and institutional organisations.

There are two variations to choose from, Digital PIN Keypad or RFID, offering a range of features in both that meet the requirements of lockers in a range of applications such as:

- Schools
- Offices
- Leisure centres
- Sports clubs
- Health clubs

Both Digital PIN Keypad and RFID variants are available in models that can be easily mounted; vertically or horizontally to suit your locker design.

ASSA ABLOY's cabinet locks offer safety security and convenience for your lockers and their contents.

Features:

- Attractive slim line design
- Battery status LED
- Lock status LED
- Standard Alkaline batteries, 3 x AAA
- Micro USB battery back up
- Suits doors up to 23mm thick
- 3mm thick stainless steel cam

Digital PIN Keypad Features:

- 4-12 digit Master PIN
- 4-12 digit User PIN
- Private Code or Public Change Code Mode (similar to hotel safe)
- Sound Mode - On or Off
- Temporary wrong code lockout

RFID Features:

- Supported RF type: 13.56MHz ISO14443A MIFARE Classic, Ultralight, DESFireEV1
- Accepts up to 20 Administration Cards, 20 Master Cards and 20 User Cards per lock

Keypad

Battery LED

Status LED

Knob

RF Sensing Area

Micro USB with Cap

RFID Version

Administration RFID Card

- Unlocks the Digital RFID cam lock (Deletes current User RFID Cards)

- Allows the cam lock to be changed between Private and Public Mode

- Registers User Cards, Master Cards and other Administration Cards

Master RFID Card

- Lock and unlocks on Private Mode

- Retains current User RFID Card information whilst in Private Mode

- Master RFID Cards can only be used in Private Mode

User RFID Card

- Locks and unlocks the cam lock

Private Mode

- The cam lock starts in a locked state

- Unlock the cam lock by flashing a registered User RFID Card to the front of the cam lock

- The cam lock will remain unlocked for 4 seconds before attempting to re-lock itself. The turn knob will be locked when returned to the locked position

Public Mode

- The cam lock starts in an unlocked state

- The user flashes a registered User RFID Card on the cam lock, the cam lock is now locked

- The same RFID card will open the lock and leave it in an unlocked state

- This card is then erased and ready for the next new user

- This function is used for short term, multi occupancy applications e.g. A locker in a fitness club

ML52-READER - RFID Specifications

Product Details

Part Number	ML52-READER
	AA-ACC-BLANK-CARD (RFID Card, to be ordered separately)
Size	158mm (High) x 40mm (Wide) x
	23mm (Deep, Body), 31mm (Deep, Knob)
Material	Die-cast (Body & Knob), ABS (Front)
Operating	Temperature: -20℃ ~ +70℃
	Humidity: 0~90%
Credential Levels	Administration: 1-20 RF Tags
	Master: 1 - 20 RF Tags
	User: 1 - 20 RF Tags
RFID Type	13.56 MHz ISO14443A MIFARE Classic* Ultralight, DESFireEV1
Battery / Life	3 AAA Alkaline Batteries
	1 Year (Using 10 times a day)
Salt Spray	Tested to 96 hours
Compliance	
Door Thickness	1 - 23 mm
Cams	2 x Standard 3mm thick stainless steel cams supplied one straight cam, one offset cam. See page 9 for dimensions

Note: • All L&F Cams are suitable for this product range.

• ML52-READER locks are not designed for outdoor use.

*NO CARDS INCLUDED WITH THE LOCK, TO BE ORDERED SEPARATELY
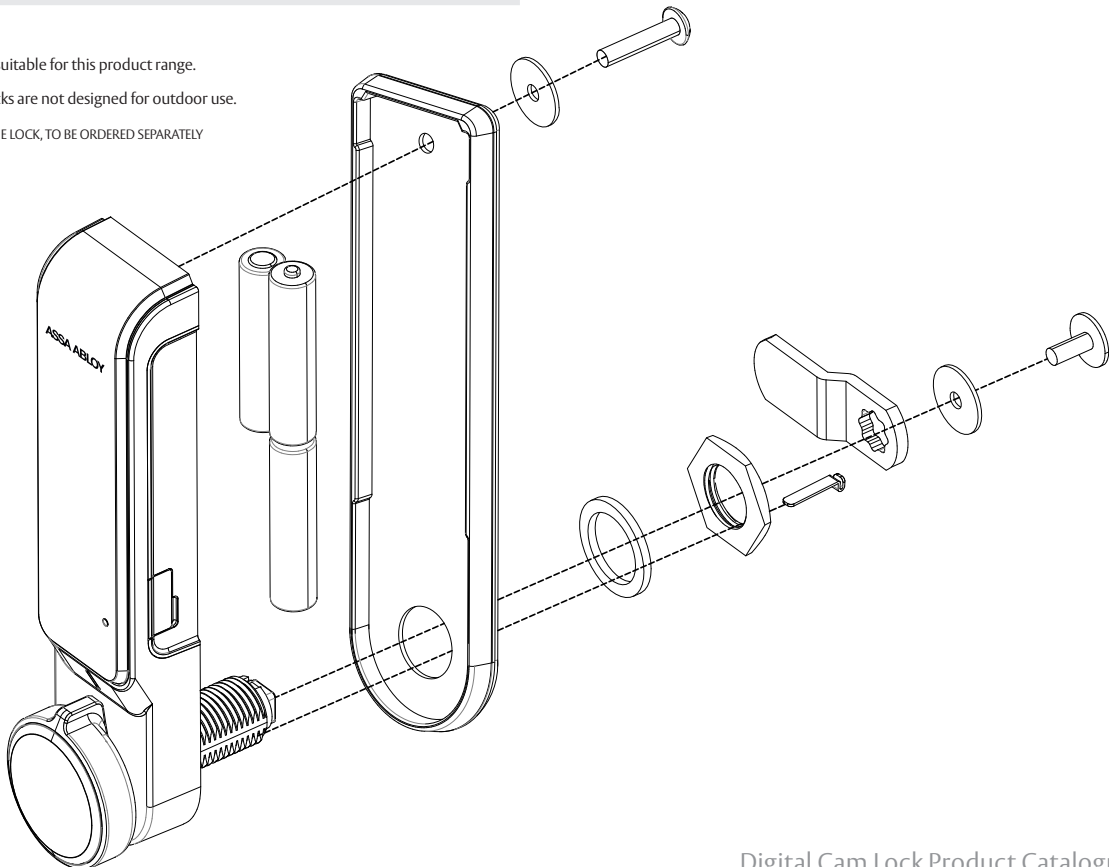
ML51-KP - Digital PIN Keypad Functions

Digital PIN Keypad Version

Master Code

- Unlocks the cam lock (the cam lock will remain opened after use with the Master PIN Code)
- Enables changing the Master PIN Code
- Enables changing the User PIN Code
- Deletes the User PIN Code automatically

User Code

- Unlocks the cam lock (automatically locks within 4 seconds in Private Mode)
- Enables changing the User Code

Private Mode

- The cam lock starts in a locked state
- Open the cam lock by using a registered PIN code on the front keypad
- The cam lock will remain unlocked for 4 seconds before attempting to re-lock itself. The turn knob will be locked when returned to the locked position

Public Mode

- The cam lock starts in an unlocked state
- The user enters their own personal 4-12 digit PIN code, this will lock the cam lock
- Unlock the cam lock by using the same PIN code again. This leaves the cam lock in the unlocked state
- This PIN code is then erased and ready for the next new user
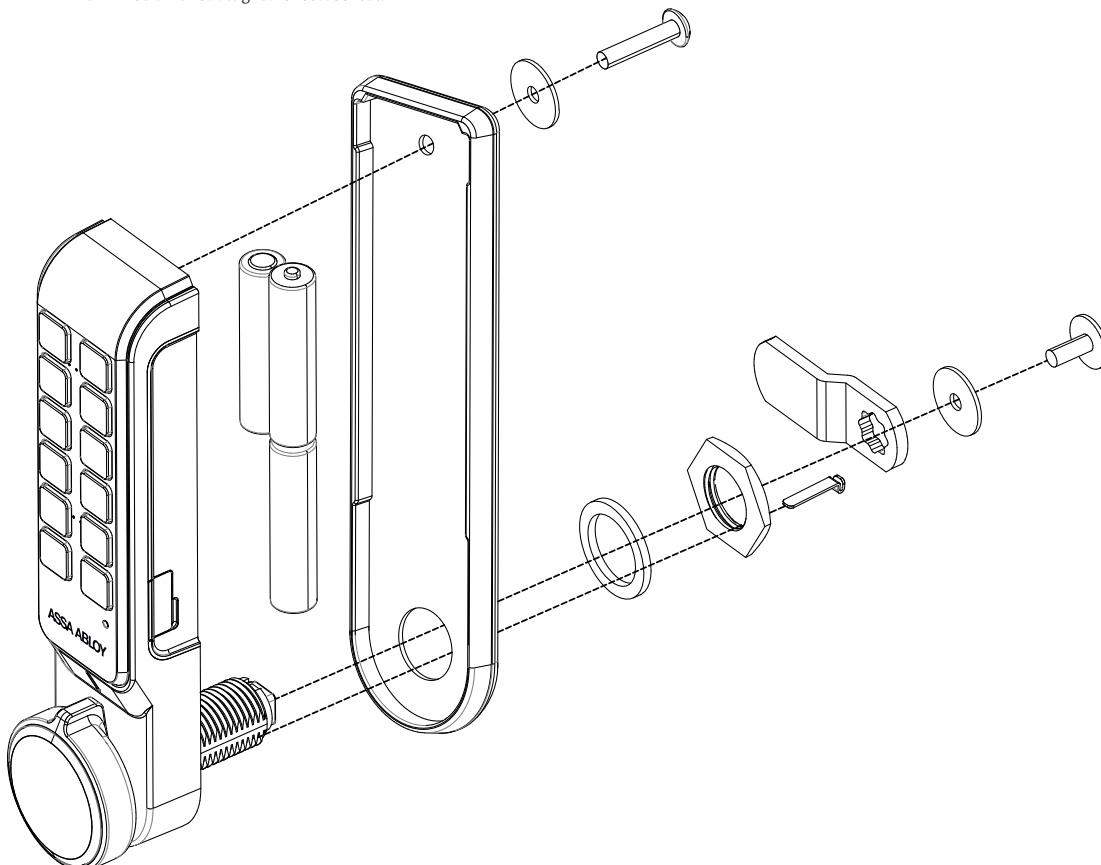- This function is used for short term, multi occupancy applications e.g. Locker in a fitness club

ML51-KP - Digital PIN Keypad Vertical Specifications

Product Details

Part Number	ML51-KP-VERT
Size	158mm (High) x 40mm (Wide) x 23mm (Deep, Body), 31mm (Deep, Knob)
Material	Die-cast (Body & Knob), ABS (Front)
Operating	Temperature: -20℃ ~ +70℃ / Humidity: 0-90%
Credential Levels	Master: 1 PIN code, 4-12 digit / User: 1 PIN code, 4-12 digit
Battery / Life	3 AAA Alkaline Batteries / 1.5 Years (Using 10 times a day)
Salt Spray	Tested to 96 hours
Compliance	
Door Thickness	1 - 23mm
Cams	2 x Standard 3mm thick stainless steel cams supplied one straight cam, one offset cam. See page 9 for dimensions

Note:
- All L&F Cams are suitable for this product range.
- ML51-KP locks are not designed for outdoor use.

ML51-KP - Digital PIN Keypad Horizontal Specifications

Product Details

Part Number	ML51-KP-RH Keypad Horizontal (Right Hand)
	ML51-KP-LH Keypad Horizontal (Left Hand)
Size	158mm (High) x 40mm (Wide) x 23mm (Deep, Body), 31mm (Deep, Knob)
Material	Die-cast (Body & Knob), ABS (Front)
Operating	Temperature: -20°C ~ +70°C Humidity: 0-90%
Credential Levels	Master: 1 PIN code, 4-12 digit
	User: 1 PIN code, 4-12 digit
Battery / Life	3 AAA Alkaline Batteries
	1.5 Years (Using 10 times a day)
Salt Spray	Tested to 96 hours
Compliance	![compliance mark]
Door Thickness	1 - 23mm
Cams	2 x Standard 3mm thick stainless steel cams supplied one straight cam, one offset cam. See page 9 for dimensions

Note: • All L&F Cams are suitable for this product range.

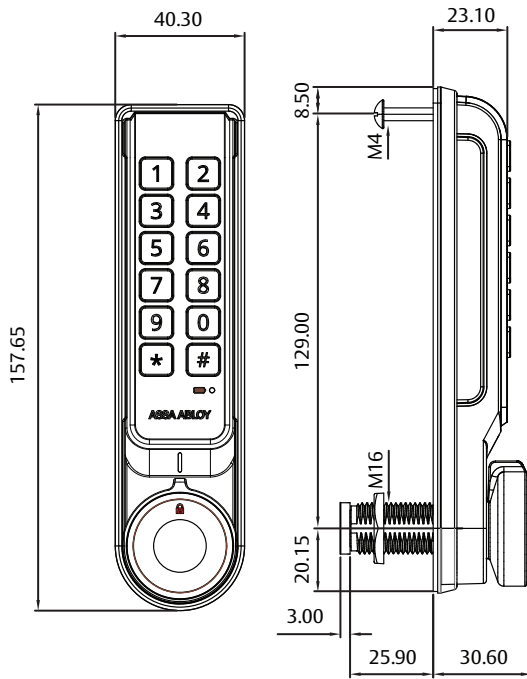• ML51-KP locks are not designed for outdoor use.
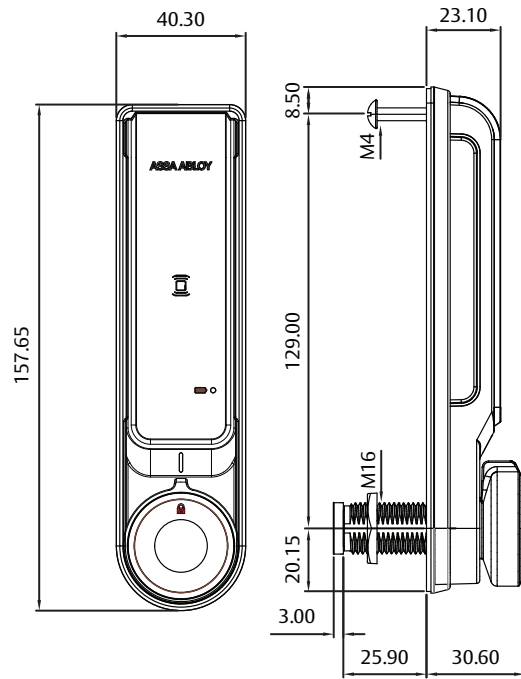
Digital PIN Horizontal (Right Hand)

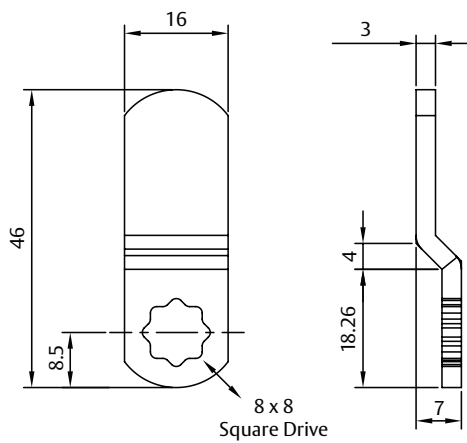Digital PIN Horizontal (Left Hand)

Cabinet Lock Dimensions

ML51-KP-VERT

40.30

23.10

8.50

M4

157.65

129.00

M16

20.15

3.00

25.90

30.60

ML52-READER

40.30

23.10

8.50

M4

ASSA ABLOY

157.65

129.00

M16

20.15

3.00

25.90

30.60

Offset Cam

16

3

46

4

18.26

8.5

7

8 x 8
Square Drive

Straight Cam

3

46

8.5

8 x 8
Square Drive
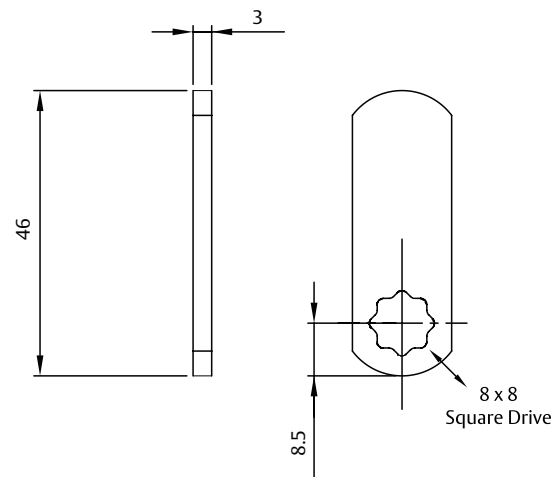
Note: Both the offset and straight cam are included with all cam locks.
All dimensions in millimeters.

Digital Cam Lock Product Catalogue | 9

Notes

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PLEASE RECYCLE

AAA-BRD-A4-CAM MC06056