

Danapad

PADV3-BT

Technical Manual

Version 1.3, July 2018

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Release Notice

This document is release 1.0 of the PADV3-BT, Technical Manual.

THIS MANUAL IS INTENDED FOR USE BY SYSTEM INTEGRATORS, SERVICE PROVIDERS AND APPLICATION DEVELOPERS (COLLECTIVELY, "RESELLERS"). IT IS NOT INTENDED FOR END-USERS OF THE PADV3-BT. ANY END-USER DOCUMENTATION IS TO BE PREPARED AND FURNISHED BY THE RESELLERS.

The following Product Limited Warranty gives Resellers specific legal rights. You may have others, which vary from state/jurisdiction to state/jurisdiction.

Product Limited Warranty

Subject to the terms and conditions set forth herein, Poly-Control ApS ("*Poly-control*") makes the following warranty only to its Resellers who purchase the PADV3-BT hardware product ("*Product*") directly from Poly-control: for a period of one (1) year from the date of shipment from Poly-control, the Product will substantially conform to Poly-control's standard published specifications for the Product and the Product hardware will be substantially free from defects in materials and workmanship. The foregoing warranty shall not apply to embedded software/firmware components.

This product is guaranteed against all material and manufacturing defects for one year from the date of purchase (stipulated on the receipt) by end customer. To benefit from the warranty, Customers should first seek help from the sources detailed in the documents supplied with the Product or online. If, after using these resources, the Product still does not work correctly, Customers should contact Poly-control who will determine whether the Product requires servicing under warranty or maintenance and inform the Customer how this service is to be carried out. Repairs under warranty do not extend the warranty period.

The sole obligation for Poly-control under the terms of this warranty is the free replacement or repair of the Product or the component, which its services agree is defective unless such action proves impossible or disproportionate. To benefit from the warranty all Products must first be presented to Poly-control after-sales service whose agreement is mandatory prior to any replacement. Any shipping costs are at the Customer's expense.

The warranty does not apply to visible defects. Also excluded are: defects and damage due to normal wear and tear or external accidents (error of assembly, wrong maintenance or use, etc.) or by any change to the Product not planned or specified by Poly-control. The present warranty applies only to Poly-control Products. Poly-control does not guarantee that the Product will work continuously or without error. Poly-control cannot be held liable for any damage or harm arising from failure to comply with the instructions for use of the Product.

Product installation disclaimer: The warranty does not apply to the following: (a) any damage due to accident, misuse, abuse, flood, fire, earthquake or other external causes; (b) any damage due to use of the Product other than within the uses prescribed and/or authorized by Poly-control; (c) any damage arising from the Product being opened; (d) any damage caused by repair or other action by any person who is not a representative of Poly-control; (e) to any Product or component which has been changed so as to significantly change its function or capacity without the prior written permission of Poly-control; (f) to consumables such as batteries except if the damage is due to a defect in Product materials or manufacture; or (g) where any Poly-control serial number or product ID has been removed or otherwise made illegible; or (h) to services and messaging.

WITHIN THE LIMITS OF APPLICABLE LEGISLATION, THE PRESENT WARRANTY AND THE CLAIM FACILITIES DETAILED HEREINAFTER ARE EXCLUSIVE AND TAKE PRECEDENCE OVER ANY OTHER CONTRACTUAL WARRANTIES, CLAIM FACILITIES AND CONDITIONS WHETHER WRITTEN, VERBAL, LEGAL, EXPLICIT OR TACIT. WITHIN THE LIMITS OF APPLICABLE LEGISLATION, POLY-CONTROL EXPRESSLY EXCLUDES ALL TACIT WARRANTIES INCLUDING MARKETING GUARANTEES, GUARANTEES OF SUITABILITY FOR A GIVEN USE AND GUARANTEES AGAINST LATENT OR HIDDEN DEFECTS. WHERE POLY-CONTROL IS NOT LEGALLY ENTITLED TO REFUSE A TACIT OR LEGAL WARRANTY, WITHIN THE LIMITS OF APPLICABLE LEGISLATION, SAID WARRANTIES SHALL BE LIMITED TO THE DURATION OF THE PRESENT EXPLICIT WARRANTY AND THE SUPPLY OF A SERVICE OF REPAIR OR REPLACEMENT AS DETERMINED AT THE SOLE DISCRETION OF POLY-CONTROL.

No Poly-control employee, agent or dealer is authorized to modify, extend or complete the present guarantee in any way. EXCEPT AS PROVIDED FOR IN THE PRESENT WARRANTY AND TO THE EXTENT PERMISSIBLE UNDER APPLICABLE LEGISLATION, POLY-CONTROL CANNOT BE HELD LIABLE FOR ANY DIRECT, SPECIFIC, ACCESSORY OR INDIRECT DAMAGE RESULTING FROM ANY VIOLATION OF ANY WARRANTY OR CONDITION OR THE TERMS OF ANY OTHER LEGAL CONCEPT INCLUDING BUT NOT LIMITED TO ANY LOSS OF USE, REVENUE, PRESENT OR FUTURE LOSS OF PROFIT (INCLUDING ANY LOSS OF PROFITS RELATED TO CONTRACTS), ANY LOSS OF FINANCIAL WHEREWITHAL, EXPECTED LOSS OF SAVINGS, LOSS OF BUSINESS, OPPORTUNITY, CLIENTELE, REPUTATION, OR ANY INDIRECT OR SUBSEQUENT LOSS OR DAMAGE. THE PRESENT LIMITATION DOES NOT APPLY TO CLAIMS RELATING TO DEATH OR INJURY. POLY-CONTROL MAKES NO UNDERTAKING IN RESPECT OF ITS ABILITY TO REPAIR ANY PRODUCT UNDER THE TERMS OF THE PRESENT WARRANTY OR OF THE ABSENCE OF RISK IN THE EVENT OF EXCHANGE FOR ANOTHER PRODUCT.

FOR CONSUMERS COVERED BY LAWS OR CONSUMER PROTECTION REGULATIONS IN VARIOUS COUNTRIES OF PURCHASE OR WHERE DIFFERENT, OF THEIR COUNTRY OF RESIDENCE, THE BENEFITS OF THE PRESENT WARRANTY ARE IN ADDITION TO ALL RIGHTS AND CLAIM FACILITIES PROVIDED BY THESE LAWS AND CONSUMER PROTECTION REGULATIONS. Some countries, States and regions do not allow exclusion from or limitation of indirect and/or subsequent damage for the duration of the warranty or tacit conditions, in which case the above exclusions and limitations do not apply to all such Customers. The present warranty provides the Customer with specific legal rights; Customers may benefit from additional rights depending on local legislation.

Embedded Software/Firmware

The Product and associated tools, if any, may contain embedded software/firmware, which is licensed, not sold, and is only for use within the Product as an integral part thereof. Such embedded software/firmware (which includes all updates thereto) contains valuable trade secrets and is proprietary to Poly-Control ApS and its suppliers. To the greatest extent permitted by law, such embedded software/firmware may not be modified, copied, disassembled, decompiled or reverse engineered. Poly-control reserves all other rights.

Limitation of Liability

POLY-CONTROL'S ENTIRE LIABILITY REGARDING THE PRODUCT SHALL BE LIMITED TO THE AMOUNT ACTUALLY PAID BY RESELLER FOR THE PRODUCT. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL POLY-CONTROL OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES WHATSOEVER UNDER ANY CIRCUMSTANCE OR LEGAL THEORY RELATING IN ANY WAY TO THE PRODUCTS, ACCOMPANYING DOCUMENTATION AND MATERIALS, AND ANY EMBEDDED SOFTWARE/FIRMWARE AND UPDATES THERETO (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, LOSS OF DATA OR ANY OTHER PECUNIARY LOSS), REGARDLESS OF WHETHER

POLY-CONTROL HAS BEEN ADVISED OF THE POSSIBILITY OF ANY SUCH LOSS AND REGARDLESS OF THE COURSE OF DEALING BETWEEN POLY-CONTROL AND RESELLER. BECAUSE SOME STATES AND JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, THE ABOVE LIMITATION MAY NOT APPLY TO EVERY RESELLER.

Notices

Class B Statement – Notice to Users. 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 communication. 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.
- Consult the dealer or an experienced radio/TV technician for help.

Changes and modifications not expressly approved by the manufacturer or registrant of this equipment can void your authority to operate this equipment under Federal Communications Commission rules.

Regulatory Approvals

CE

The device complies with the essential requirements of the RED Directive 2014/53/EU as stated by the EC Declaration of Conformity (CE). The device complies with the European Telecommunications Standards Institute specifications EN 301 489-1 and EN 301 489-17 (EMC) and EN 300328 (Radio Equipment) and EN 60950-1 (Electrical Safety) for Bluetooth LE 2400MHz.

EC/International

The device complies with the essential requirements of the 2011/65/EC directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

FCC/IC

The device complies with the FCC Part 15.247, part 2.1093 and the Industry Canada requirements RSS-GEN, RSS-102, RSS-247.

The device complies with Part 15 of the FCC rules and with Industry Canada license exempt standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

MIC (Japan)

The device complies with the Japanese Ordinance concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment

Article 2 clause (1) Item (19) for radio terminal equipment supporting Bluetooth Low Energy 2402-2480 MHz

ACMA (AUS/NZ)

The device complies with the Australian/New Zealand Radio Communication Act for radio terminal equipment supporting Bluetooth 2402-2480 MHz

PADV3-BT certifications:

FCC ID: 2ADSH-PADV3BT

IC: 12588A-PADV3BT

EC Declaration of Conformity: CE

EU certificate number: PHOENIX TESTLAB

NB Number 0700

18-211196

MIC Certification no.: [R] 204-820259

Introduction

This document contains the installation guide for the Danalock product type series PADV3-BT units. This manual is intended for use by system integrators, service providers and application developers (collectively, “Resellers”). It is not intended for end-users of the PADV3-BT. Any end-user documentation is to be prepared and furnished by the Resellers.

This manual describes how to set up, configure, install, operate, and troubleshoot the product. Even if you have used similar products before, Poly-Control recommends that you spend some time reading this manual to learn about the special features of this product.

The PADV3-BT product is an accessory for controlling the V3 Danalock and the V3 Universal Modules. The PADV3-BT provides wireless interface and can be paired with a Danalock V3 (electronic door lock) or an Universal module V3 using the Danalock App. When paired correctly it will work as a keypad to control the lock devices to give you access through your front door, garage door, front gate etc.

Poly-Control assumes that you are familiar with Microsoft Windows and general usage of cellular phones and mobile apps.

Related Information

The Poly-Control web site is found at **www.poly-control.com**. This site links to the My Danalock site from Poly-Control ApS and it is found at **my.danalock.com**. PADV3-BT devices can be integrated to the My Danalock site.

Safety first

Simple Guidelines

Please follow these guidelines when configuring, using or recycling the PADV3-BT. Violating these guidelines may be dangerous, illegal or otherwise detrimental. Further detailed information is provided in this manual.

Do Not Operate Where Prohibited

Do not allow the PADV3-BT unit to operate wherever wireless radio communication use is prohibited or when doing so may cause interference or danger as the PADV3-BT cannot be turned off after installation.

Examples include but are not limited to operation in hospitals, buildings near blasting sites or wherever operation can cause interference.

Interference

Like all wireless devices, the PADV3-BT may encounter electrical interference that may affect its performance.

Avoid Body Contact with Device during Operation

Do not operate the PADV3-BT in direct contact with your body. Maintain at least 8 inches (20 cm) separation between the device and any parts of your body.

Qualified Service

Except for batteries, the PADV3-BT contains no user serviceable or replaceable parts. Non-functioning units must be returned to an authorized service center for repair or replacement.

Category of use

The PADV3-BT lock controller can be used in areas with medium frequency of use by people with some incentive to exercise care but where there is some chance of misuse, e.g. garage doors/ports etc. The PADV3-BT is an accessory to other Danalock products and will only work together with these.

The PADV3-BT is a keypad accessory. It only contains control signals for enabling/disabling a door/port function. The PADV3-BT lock controller is not directly involved in the door/port operation.

Water-Resistance

The PADV3-BT is qualified as an IP54 product. The lock must therefore be installed on a solid wall in vertical position and above the ground.

Use Environment

Besides the water resistance, the PADV3-BT is designed and qualified for outdoor use with respect to normal outdoor conditions like temperature and humidity variation over the day, seasons of the year, salt and dust content in the air and UV light exposure. See the technical specifications chapter.

Security for electrical functions

The PADV3-BT has no indications, sound alarms in case of a lock malfunction.

Security for electrical manipulation

The PADV3-BT is tested compliance to the EMC requirement laid out in the 2014/53/EU directive. The performance hereof ensures correct operation in the presence of electromagnetic interference and/or electrostatic discharge.

Children

The PADV3-BT and its accessories are not used to solicit data from or market to children. Children can however operate the PADV3-BT if instructed by an adult.

Detailed Safety Information***Exposure to Radio Frequency Signals***

The PADV3-BT unit is a low power radio transmitter and receiver. Periodically the PADV3-BT wakes up either due to activity or by a timer. When it is ON, it receives and sends out radio frequency (RF) signals for a short period of time.

The PADV3-BT unit cannot be turned off after installation; however, the unit is mostly asleep waiting for either the wake-up timer or activity on the lock controller interfaces.

The PADV3-BT unit is not designed to be worn on a person's body.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals generated by the PADV3-BT unit.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. The following precautions apply:

- The PADV3-BT unit is not intended for handheld use or to be worn on the body.
- It is recommended that a minimum separation of eight 8" inches (20 cm) is to be maintained between the PADV3-BT unit and any persons' body at all times.

Other Medical Devices

If any other personal medical devices are used in the vicinity of a PADV3-BT unit, consult the manufacturers of the medical devices to determine if they are adequately shielded from external RF energy. Physicians may be able to assist in obtaining this information.

The PADV3-BT unit cannot be turned off after installation, so any doors installed with the PADV3-BT etc. must not operate near health care facilities when any regulations posted in these areas prohibit the use of wireless phones or two-way radios. Hospitals and health care facilities may be using equipment that could be sensitive to external RF energy.

Potentially Explosive Atmospheres

The PADV3-BT unit cannot be turned off after installation, so any building installed with PADV3-BT etc. must not be located in an area with a potentially explosive atmosphere and obey all signs and instructions not to use PADV3-BT in such areas. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always marked clearly. Potential areas may include: fueling areas (such as gasoline stations); below deck on boats; fuel or chemical transfer or storage facilities; areas using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles (such as grain, dust, or metal powders); and any other area where it would normally be advisable **not to** install the PADV3-BT.

Specific Human Absorption Rates (SAR)

THE PADV3-BT UNIT IS NOT DESIGNED TO BE WORN ON A PERSON'S BODY. AS SUCH, BODY WORN TEST POSITIONS FOR THE PADV3-BT UNIT ARE NOT REQUIRED BY EITHER THE IEC 62479 FOR BLUETOOTH LE OR FCC/IEEE/ICNIRP REQUIREMENTS FOR BLUETOOTH LE.

The PADV3-BT unit is not intended for handheld use or to be worn on the body. The DANAPAD PADV3-BT SAR testing/evaluation is exempted according to the rules given in KDB 447498 D01v06, 47 CFR part 2.1093 and RSS-102 section 2.5.1.

EN 62479

Compliance is given according to EN 62479 because the output power of the DANAPAD PADV3-BT is less than 20 mW.

Privacy policy

Danalock App privacy policy

This privacy policy governs your use of the software application "danalock App" for mobile devices that is created by Poly-Control ApS. The Application controls the use of the electronic door locking device Danalock, and only works with iOS 9.0 / Android 5.0 or newer smartphones with Bluetooth Smart or Z-wave Technology.

User Provided Information

The Application obtains the information you provide when you download and register the Application. Registration with us is mandatory in order to be able to use the basic features of the Application. When you register with us and use the Application, you generally provide (a) your name, email address, age, user name, password and other registration information; (b) information you provide us when you contact us for help (c) information you enter into our system when using the Application, such as names, addresses and location of home. In addition, the Application may collect certain information automatically, including, but not limited to, the type of mobile device you use, your mobile devices unique device ID, the IP address of your mobile device, your mobile operating system, the type of mobile Internet browsers you use, and information about the way you use the Application.

Data retention policy managing your information

We will retain User Provided data for as long as you use the Application and associated domain. You have full control and right to delete all the provided data in App and on the domain whenever you want to do so.

Children

We do not use the Application to solicit data from or market to children.

Security

We are concerned about safeguarding the confidentiality of your information. We provide physical, electronic, and procedural safeguards to protect information we process and maintain. We limit access to this information to authorized employees who need to know that information in order to help and guide you, or to operate, develop or improve our Application. The Danalock uses highly secure encrypted data transfer, like that used in electronic banking etc. Every bit and byte is double encrypted to keep you safe. Your keys are also protected with a personal log in. This log in can be paired with one particular phone, making it possible only to log in from that phone.

Changes

This Privacy Policy may be updated from time to time for any reason. We will notify you of any changes to our Privacy Policy by posting the new Privacy Policy on our website: www.danalock.com/Privacy Policy. You are advised to consult this Privacy Policy regularly for any changes, as continued use is deemed approval of all changes.

Your Consent

By using the Application, you are consenting to our processing of your information as set forth in this Privacy Policy now and as amended by us. "Processing," means using cookies on a computer/hand held device or using or touching information in any way, including, but not limited to, collecting, storing, deleting, using, combining and disclosing information, all of which activities will take place in Scandinavia, Europe, Middle East, Asia and United States.

Contact us

If you have any questions regarding privacy while using the Application, or have questions about our practices, please contact us via email at mail@danalock.com

Delivered standard content

The delivered standard package content includes the following items:

US	Outside US
1 x Danapad	1 x Danapad
4 x Alkaline AAA battery	4 x Alkaline AAA battery

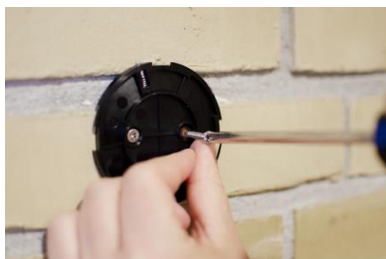
Installing the unit

The Danapad (PADV3-BT) unit is installed in association with a V3 lock or UMV3 device to be able to remotely control the device after entry of an access code.

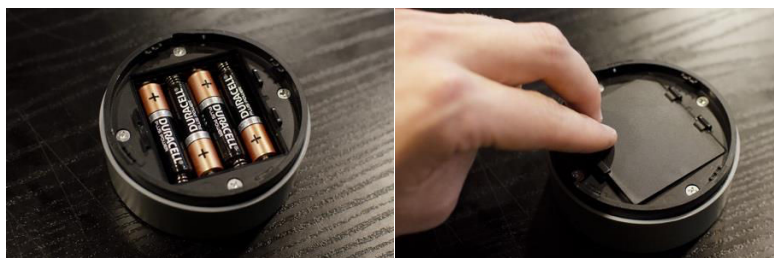
Practical installation advice

Please follow the installation guide carefully.

Installation guides are available on the Danalock site and can be viewed by following this link: <https://guide.danalock.com/>



- Attach mounting plate to wall with screws or adhesive so the screw holes are horizontal. The Danapad should be mounted less than 10 meters away from the Danalock or Danapad to be in range.



- Insert 4x AAA batteries into Danapad and close waterproof lid. The Display should light up green when powered on. To secure water resistance check that the rubber gasket is in place before clicking on the battery lid.



- Mount Danapad on mounting plate by inserting it slightly offset to the left "rotated counter-clockwise" and rotating it clockwise. The Danapad will make an audible click when mounted correctly.

- Set up the Danapad in the Danalock App by following the app guide on <https://guide.danalock.com/>



- To dismount insert pen into the hole on top of the Danapad and rotate it counter-clockwise.

Main Functionality

The Danapad is ready to use when it has been paired with a Danalock V3 or Universal Module UMV3 product and has been set up with one or more random pin codes. To operate the Danapad enter a valid pin code followed by an action button press i.e.

- To lock: press pin code followed by "lock button". Success will respond with a single green blink
- To unlock press pin code followed by "unlock button". Success will respond with a single green blink

Manual operations and LED signals

Besides the main functionality of the Danapad will respond to other actions including the following.

Operation	Input action	LED Response
Turn on Danapad	Insert batteries	3 sec green light
Bootloader mode	Hold unlock button and insert batteries	Display lights up orange
Activate light only	Press unlock button	Display lights up green
Clear input	Hold unlock button	Display blinks red once
Input timeout	10 sec silence	Display blinks red once

Troubleshooting

Various error situations are listed below along with some possible solutions.

Error	Error description	Possible solutions
Danapad lights red at correct pin code.	5 invalid unlock attempts causes a 2 min lockout.	Wait 2 min and enter correct pin code.
Danapad lights red at pin code.	Entered pin code is too short or too long.	The Danapad will not accept pin codes shorter than 3 digits or longer than 10 digits. Enter a correct pin code to engage lock.

Warranty

Poly-Control ApS products are covered by a limited manufacturer warranty. The Poly-Control ApS warranty is limited to the warranty rules and legislation present in each country. The warranty only covers manufacturing faults.

The warranty does not cover misuse, wrong installation or damage due to a faulty installation or wrong maintenance.

The invoice act as the proof of warranty, so please keep it as reference for any warranty complaints.

Technical Assistance

If you have a problem and cannot find the information you need in the product documentation, please contact Poly-Control ApS

Poly-Control ApS

Gammel Stillingvej 427 C
DK – 8462 Harlev J
Denmark
Tel: +45 42 42 81 22

E-mail: **support@danalock.com**

Web: **www.danalock.com**

When contacting technical support, please be prepared to provide the information listed below:

Minimum Information Required for Technical Assistance

If you or a user reports difficulty with a PADV3-BT unit, it is helpful to retrieve directly from the unit all current configuration settings and the message log data etc., that is accessible by the technical support when they receive the following information about the unit.

1. Serial number (preferred), MAC address or alias of the lock
2. Username used when registering / installing the lock
3. Username used when getting the error (if different username)
4. Time of incident.

Return Merchandise Authorization - RMA

1. If you experience defects in your product, please contact our customer support at:
support@danalock.com or phone **+45 42 42 81 22**

Your inquiry will be processed by our support team and a support ticket number will be created in our system. You will receive your ticket number by email.

2. In case your hardware needs to be sent to us you will receive a RMA form by email from our support team that you must fill out.

Print out the RMA and pack it together with the faulty product and send both to the following address:

Poly-Control ApS
Gammel Stillingvej 427 C
DK – 8462 Harlev J
Denmark

Attention: Customer Care

Specifications

Product specifications

The PADV3 unit is with integrated antennas

Supply

Battery voltage (supply voltage): 6V (4x1,5V AAA Alkaline)

Temperature range

In active running mode* -20°C to +50°C

Storage 5°C to +50°C

* The temperature range limits is determined by the AAA alkaline battery specifications. Exceeding this

temperature will reduce the expected operational lifetime of the batteries.

Mechanical specifications

Dimensions:

Diameter: 82 mm

Height: 34 mm

Weight: 154 grams

Material: ABS



Wall mounted Danapad

Approvals and certificates

The PADV3-BT product is certified according to the following radio recommendations (EU, US/Canada and Japan respectively):



FCC ID: 2ADSH-PADV3BT
IC: 12588A-PADV3BT



R 204-820259

FCC and IC Statements

The PADV3-BT product contains radio transmitters that comply with CFR 47 Part 2.1093, Part 15.247 of the FCC rules and with RSS-GEN, RSS-102 and RSS-247 of Industry Canada requirements.

Notice statements according to CFR 47 Part 15.19 / RSS-GEN:

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

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Déclarations selon le CFR 47 section 15.19 / RSS-GEN:

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

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NOTICE statements according to CFR 47 Part 15.21:

Changes or modifications made to this equipment not expressly approved by Poly-Control ApS may void the FCC authorization to operate this equipment.

Statements according to CFR 47 Part 2.1091 / 2.1093 and OET bulletin 65 / RSS-102:

With respect to radiofrequency radiation exposure Information it is declared that this equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

Déclarations selon le CFR 47 Sections 2.1091 / 2.1093 et bulletin OET 65 / RSS-102 :

Respectant les informations relatives à l'exposition aux radiations de fréquences radio, on déclare que cet équipement respecte les limites d'exposition aux radiations de la FCC aux conditions prévues pour un environnement non contrôlé.

AUS/NZ:

- The PADV3-BT complies with the AS/NZS 4268 requirements for Bluetooth LE transceiver.

Japan:

- The PADV3-BT complies with the requirements of the ordinance regulating Radio Equipment (2005-08), Art2. item 19 for Bluetooth LE applications.

EC/ International

- The PADV3-BT product complies with the essential requirements of the RED directive 2014/53/EU directive with respect to the EMC requirements, safety and radio spectrum matters.

Including:

Standard	Version	Description
(EN 60950-1 +A11 +A1 + AC:2011 +A12 + A2)	2006, 2009, 2010, 2011, 2013	Information and communication technology equipment safety

- The PADV3-BT complies with the essential requirements of the 2011/65/EC directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (ROHS 2).
- The PADV3-BT complies with the essential requirements of the EC 1907/2006 regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
- The PADV3-BT complies with the requirements of the 2012/19/EU directive on waste electrical and electronic equipment (WEEE).



Environmental

The PADV3-BT environmental compliance coverage:

		Danapad (PADV3-BT)
Environmental tests:	Standards	Compliance level
Temperature Soak	EN/IEC 60068-2-1, EN/IEC 60068-2-2	-25°C - +70°C, 48h
Humidity	EN/IEC 60068-2-78	+45°C, RH95%, 8h
Salt Spray	IEC 61701, EN/IEC 60068-2-52	5%, +35°C, 96h
Spray/Splash/Steam/Pressure of water*	IEC 60529+A1+A2 (CSV) {Ed2.2}	IPX4
Dust/wire*	IEC 60529+A1+A2 (CSV) {Ed2.2}	IP5X, Ø1
Drop	EN/IEC 60068-2-31	1m
UV** (UVA-340 or UVB-313)	ASTM D1014, SAE J1976 (D4587/SAE J2020) exposure (no cracking)	UV 120h@Cycle A: (60°C ± 3°C@8h UV followed by +50°C ± 3°C@4h condensation) x 10 times
Application	Outdoor (Wall mounted, wood or brick/concrete)	
* IP qualification level: IP54.		
** Accelerated weathering tests - Sunlight (UV-A/B radiation) for Static Outdoor Exposure applied.		

CE

Hereby, Poly-Control ApS declare that the radio equipment type Danapad (PADV3-BT) is in compliance with Directive 2014/53/EU.

Certificates and Declaration of conformity (DOC) statements can be downloaded from the danalock website:

<https://doc.danalock.com/>