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OPERATING INSTRUCTIONS euFRAME CONCEALED PANEL

version **FBWP-02** and **FBWP-PXS-02** with proximity sensor

The euFRAME (FBWP-02) concealed panel is intended to be permanently built in a wall - serving as a fixed 'dock' for iPad® Air 2 or iPad® Pro 9.7" tablet from the Apple company, dedicated, among others, to display information or control automatic systems of a smart building. The concealed panel consists of a concealed box with a built-in power supply unit and a microprocessor controller, and also of a decorative external frame, masking the interface between the box and a wall and keeping the tablet in the appropriate position. The frame is attached to the box with the use of magnets. Frames are made of high-quality mineral composites, and come in many colours and designs. The fact that the panel can be fitted easily makes it possible to coat its surface and the wall plane precisely. Moreover, version FBWP-PXS-02 of the concealed panel features a proximity sensor. After detecting that a person intends to use a tablet, the sensor switches it out of the sleep mode. Please note that the iPad tablet is not included and needs to be purchased separately.

Technical Data:

Supply voltage:	110 – 240 V AC, 50–60Hz
Power consumption:	max. 14 W
Input current consumption:	0.35 A/115 V, 0.2 A/230
Inrush current:	30 A/115 V, 50 A/230 V
Box dimensions:	299.7 x 182.9 x 49.1 mm
Frame dimensions:	315.4 x 192.4 x 4/6 mm
Type of walls:	solid brick walls (made of concrete, bricks, etc.) and cavity walls (made of drywall or wood).
Protections:	Overheating and overload protection (triggered when load current exceeds 2.5A)
Alarm sound:	89 dB at 10 cm
Operating temperature:	0°C to +50°C
Relative humidity:	≤90%, no condensation
Degree of protection:	IP20
Alarm output current:	max. 120 mA, R_{ON}=2.2 kΩ
Detection of approach:[1]	Step adjustment: *Normal* 60 cm, *High* 1 m

Compliance with EU Directives

Directives:	LVD 2014/35/EC
	EMCD 2014/30/EC
	RoHS 2011/65/EU

1) Only for FBWP-PXS-02 model - with proximity sensor

Package Contents

The package contains the following:

1. Flush-mount box
2. Protective cover
3. Frame removal clip
4. Operating instructions

If anything is missing, please contact your seller. You can also call or e-mail us using details that can be found here: www.eutonomy.com

NOTE! iPad tablet is not included. Decorative frames need to be ordered separately.
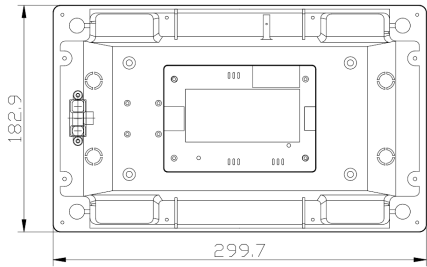
Optional Accessories

Your kit can be supplemented by purchasing the following optional components:

1. Customized decorative frame, e.g. in different colour, different texture, with increased thickness or different pattern. For more please visit www.eutonomy.com. Please note that the decorative frames construction for iPad® tablets is different from frames for iPad® Air 2 and iPad® Pro 9.7 ". When ordering frames, please indicate what IPad model will be used in euFRAME.

2. Dummy iPad Air 2 tablet made of acrylic glass that can be used for flush-mount box plastering during installation in solid walls. During setting plaster tends to increase its volume which, due to distorted walls of the flush-mount box, can make it difficult to install a tablet inside. The use of a dummy prevents distortion of box walls. Moreover, the real tablet will not get soiled or damaged during the construction phase.

3. Guide with frame patterns and colours, particularly useful for interior designers and fitters.
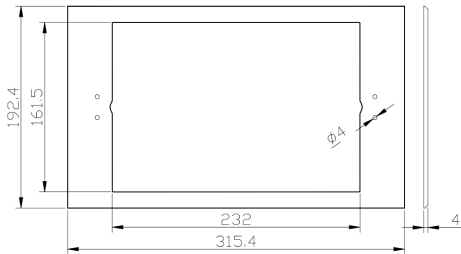
Drawings of kit components
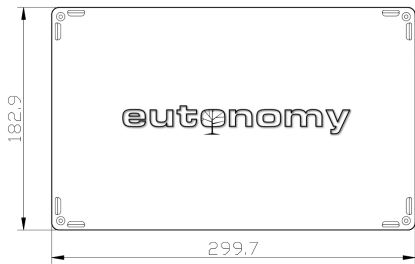
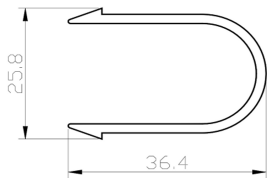All dimensions are given in millimetres.

Flush-mount box

Decorative frame (is not part of your kit; needs to be oredered separately).

**Protective cover** - with template function, made of 3mm plastic.

Frame removal clip - the spring clip is made of stainless steel, thickness: 1.5 mm

Considerations and Cautions

	Please read the instructions carefully prior to installation. The instructions contain important guidelines which, when ignored, can lead to danger to life or health. The manufacturer of the equipment is not responsible for any damages resulting from the use of the product in a manner non-compliant with the operating instructions.
	DANGER Electrocution risk! The equipment is intended for operation in the electrical installation. Incorrect wiring or use can result in a fire or an electric shock. All installation works can be performed only by a qualified person holding licenses issued in accordance with regulations.
	DANGER Electrocution risk! Before carrying out any rewiring works on the equipment it is mandatory to disconnect it from the power mains using a disconnector or a circuit breaker in the electrical circuit. The equipment shall be protected by means of an overcurrent circuit breaker with nominal current of 10 A or less.
	DANGER The frame and the tablet are attached with the use of miniature yet strong neodymium magnets. Incorrect handling of magnets can result in injuries. Mutual attraction between magnets can be surprisingly strong. Please protect sensitive body parts (e.g. skin on your hands) as they might get injured when positioned between magnets. Magnets are not toys, they shall be kept away from children. Patients with implanted medical devices such as pacemakers shall stay away from strong magnetic fields. Moreover, magnets can interfere with or delete records saved using the magnetic storage technology (e.g. debit cards, tapes, external HDDs) and they can negatively impact the operation of many other electronic devices.
	The alarm signalling device generates loud sounds: in the distance of 10 cm the sound pressure can reach 89 dB. This should not pose any risk of hearing impairment, however, it might be unpleasant for persons not familiar with the alarm.

	The equipment is intended for indoor use.
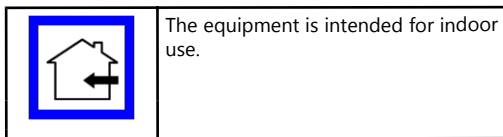
Place of Installation

The place of equipment installation shall be selected as early as possible (preferably when designing the building), and the following criteria need to be taken into account:

- Ergonomics of use - the tablet shall be placed in an easily accessible place and it cannot collide with other objects in the room. The equipment shall be installed a bit higher than standard switches in order to allow for easy reading of displayed information. Usually it is good to place the central part of the tablet 140-150 cm above the floor. Both vertical and horizontal orientation of the tablet is possible, depending on the specific application requirements.

- Wall material – the flush-mount box sinks 50 mm into the wall. For that reason it cannot be installed in areas where e.g. the hydraulic system is close to the surface. The wall material shall allow for drilling a hole and permanently fitting the flush-mount box in it.

- Communications – due to the fact that there is radio communication between the tablet and the local computer network (by means of 802.11a/b/g/n/ac protocol), a place with good WiFi signal coverage shall be selected. Alternatively, a WiFi access point needs to be installed within tablet range.

- Cabling – the power supply unit integrated in the flush-mount box needs to be connected to the distribution board by means of a power cable. Wire cross-section shall be in the range between 0.75mm² and 2.5mm² (due to the size of screw terminals in the power supply unit). We recommend using cable type YDYp 2x1mm². The flush mount box has 4 knockout holes in it so that the cable can be connected from any side. Knockout holes can accommodate Ø13 mm protective tubes. A separate 10 A over-current circuit breaker (characteristics: B) shall be provided in the distribution board for the equipment. Optionally, it is possible to connect a single-pair cable from the alarm system to the flush-mount box as an anti-theft security measure - the device will then trigger an alarm when the tablet is removed.

Visual appearance of the room - the decorative frame comes in wide selection of colours and it can be fully integrated into the décor. You can find more information on available colours and designs of frames here: www.eutonomy.com

Installation of the Flush-mount Box

We recommend carrying out installation of the flush-mount box at an early stage of building construction, e.g. after plastering works and before finishing works. At this stage flush mounting of the tablet is possible as the wall plane is already prepared, and drilling a hole in the wall for the flush-mount box will not leave the room messy and soiled.

Upon selecting an installation place for the tablet, the hole for the flush-mount box needs to be precisely planned. To this end, use the supplied protective cover with the template function. Press the protective cover against the wall horizontally or vertically (depending on the selected orientation) and align it appropriately with the use of a level. In the next step, mark with a pencil or a utility knife lines along external edges of all grooves in the protective cover, as shown in the figure below:
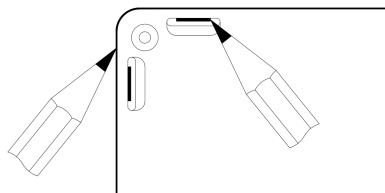

Outlining external edges of the protective cover will help you to chamfer hole edges at a later stage. You can now remove the protective cover from the wall and connect the lines in order to obtain the rectangular-shaped contour of the hole. Corners of the rectangle shall be rounded (arch radius: 4 mm). With hole dimensions known, please make sure there are no pipes or other systems hidden beneath the selected installation area. You can use a metal detector for this purpose. Please exercise extreme caution when drilling the hole so as to not damage the cable supplying the tablet with power, located under the plaster. With cable routing known, you can now knock out one of the holes in the bottom part of the box in order to pass the cable through it. Further steps depend on wall type:

- Solid wall (made of concrete, bricks, etc.) - we recommend cutting the hole with a wall chaser set to the depth of 50 mm. In case of manual cutting, please check the depth of the hole regularly. Chamfer the edges of the hole at 45° angle on the width of 4 mm from the edge where the box flange will be supported. After achieving correct depth on the whole area of the hole, insert the flush-mount box in it and mark 4 holes in the bottom part of the box with a marker. Remove the box and drill Ø6 mm holes in the marked points. Insert 4 pins in the holes. They will be used to attach the box to the bottom of the wall hole. Subsequently, check if the top surface of the box is precisely aligned with the wall plane using a level. The alignment must be perfect in vertical and horizontal plane, both in the central area of the box and on its edges. If necessary, you can slightly deepen the hole in the requested place, or add washers under one or more pins between the box and the wall to adjust its depth in relation to the wall. This step is extremely important as even small misalignment between the two planes can result in visible gaps between the frame and the tablet. Please ensure that the box is correctly aligned before it is permanently fixed in the hole (e.g. using plaster): for horizontally oriented box, screw terminals to which the power cable will be connected shall be located on the left side of the power supply unit, and for vertically orientated box the terminals shall be located above the power supply unit. This is important because it determines the location of the tablet's "Home" pushbutton and it cannot be changed later. If you use plaster to fill in the gaps

between the box and the wall, please take into account that it will increase its volume by 1%-2% during setting. If the gypsum layer is thick, this can distort walls of the box, making it difficult to insert the tablet at a later stage. In order to prevent such problems, you can use the optional dummy tablet and leave it inserted in the box throughout the plaster setting time. Before applying plaster you shall protect the box by attaching the protective cover to it using 4 supplied screws. The protective cover shall remain fixed to the box for as long as all painting and finishing works are performed.

■ 10-24 mm thick cavity wall (made of single- or double-layered drywall, plywood, etc.) - in the first step, make sure that no steel sections are located under the hole. Next, drill four Ø6 mm pilot holes in the corners of the outlined rectangle, as shown in the figure below:

chamfering line
cutting line

Ø 6mm
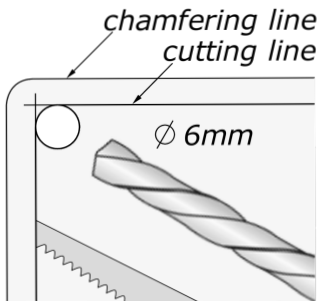
You can cut the rectangle hole using a drywall saw, a jigsaw or a hand saw. In case a jigsaw is used, protect the wall edges outside the hole, e.g. by means of a masking tape. Use wide stripes of the tape. Chamfer the edges of the hole at 45° angle on the width of 4 mm from the edge where the box flange will be supported.

chamfering line
cutting line
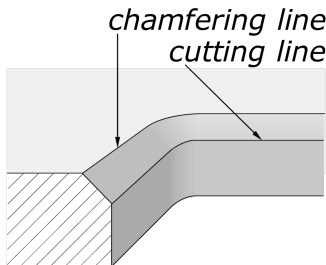
To achieve the greatest possible precision of flush mounting, we recommend using the method of successive approximations. Please ensure that the box is correctly aligned before it is permanently fixed in the hole, as described in the previous paragraph, and check if the claws at the end of 4 three-way threaded pins used to attach the box to the wall are correctly aligned. The claws shall move a quarter of a turn during screwing and remain positioned perpendicularly to the box side, blocking further turning and allowing for pulling in the claws to the rear surface of the wall. Once fixed, the box can be removed, provided that it is unscrewed with due caution, so as to not drop

the claws inside the wall. With the last turn of a screwdriver the claws shall retract to the resting recess. In case finishing works are still to be performed in the place of equipment installation, we recommend protecting the box by attaching the protective cover to it with 4 supplied screws.

Cable Connections

	NOTE! The installed device can be connected to the power mains only by a person qualified to carry out electrical works, holding licenses issued in accordance with regulations.
10A	Before commencing any installation works, please make sure that the **mains power supply is disconnected** at the distribution board by means of a B10 overcurrent circuit breaker dedicated for the equipment.
	If there are reasonable grounds to suspect that the equipment is damaged and cannot be operated safely, do not connect it to the power mains and protect it against accidental powering.
 	The product is a **Class II** electrical appliance, which means it does not require a safety connection to protective earthing conductor (PE). No conductive parts are exposed in the device. However, it is often the case that instead of a 2-wire cable, a 3-wire cable is used for installation. This raises concerns pertaining to the method of dealing with the excessive wire. To solve this problem, apart from the two working terminals (L and N), a third terminal (N.C.) can also be found on the power supply unit. Basically, it is a dummy terminal allowing for safe connection of the third cable wire and preventing any accidental short-circuits caused by the unnecessary PE wire.

Before connecting the equipment to the power mains, remove the protective cover and clean the interior of the box using a soft brush and a vacuum cleaner. Attach the power cable inserted in the knockout hole to the screw terminals at the edge of the power supply unit, visible after removing the plastic cover. For single-stranded conductors, strip the cable at 5 mm toward its end. For multi-stranded conductors, use cable ferrules with appropriate diameter. The maximum allowed length of such ferrule is 6 mm. We do not recommend tin-plating multi-stranded conductors. Screw terminal markings can

be found on the cover of the power supply unit. They help you to connect neutral conductor (N) and phase line conductor (L) correctly. After connecting the power cable, fix it in place using a clamp located at the bottom of the flush-mount box. The clamp screws are arranged in the corners of the square. This way, you can adjust clamp position depending on the cable entry direction. After connecting the cable screw terminals must be protected by screwing the supplied plastic cover.

Attach the USB-*Lightning* cable supplied with your iPad tablet to the USB port in the power supply unit.

As an option, you can connect a single-pair cable running from the alarm control panel in the facility to screw terminals with the Alarm label. During normal operation, i.e. when the tablet is inserted in the flush-mount box, both terminals are closed by means of a solid-state relay. Once the tablet is removed, the terminals open. Thanks to this, the alarm control panel can detect unauthorized removal of the tablet. For authorized tablet removals, it is necessary to ask the administrator of the alarm system to deactivate the alarm for a given line/input prior to removing the tablet. The relay shorting screw terminals provides galvanic isolation between the alarm system and the tablet's power supply unit for voltage differences not exceeding 1.5 kV. Voltage supplied from the alarm control panel to the screw terminals should not exceed 100 V, and the maximum current in this circuit cannot be higher than 120 mA. Resistance value in the short-circuit condition is equal to 2.2 kΩ (EOL). When it comes to voltage supplied from the alarm control panel, the polarity is not relevant. As it is relatively easy to satisfy all the above requirements, the equipment is compatible with all commercially available alarm control panels. The alarm control panel input shall be configured as EOL/NC (normally closed), in accordance with the instructions for use delivered with the alarm control panel. The figure below shows sample connection to the SATEL® alarm control panels:
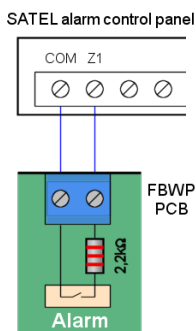
Violation of such configured input shall trigger a 24h tamper alarm on the alarm control panel, regardless of its current armed/disarmed mode.

At this stage, we recommend checking if all contacts connecting elements inside the flush-mount box with a flat cable are correctly positioned and fixed (the tablet detector and the proximity sensor in model FBWP-PXS-02, among others).

Configuration and Commissioning of the Equipment

The equipment can be configured by means of 3 miniature DIP switches with labels imprinted on the cover of the power supply unit. Use a narrow-end screwdriver or a tweezer to operate DIP switches. Switch functions are as follows:

1. **Sensitivity** – adjusts the sensitivity of the proximity sensor. When in Off=Normal position, the sensor will be activated when the approaching person is approx. 60 cm away from the device. For the factory default On=High position the sensor sensitivity is higher: it can detect a person approaching at a distance of approx. 1 m. We recommend changing the sensitivity setting for busy locations, where persons are not interested in using the equipment, e.g. in passageways.

2. **Proximity Sensor** – adjusts the response of the device to signals from the proximity sensor. The factory default setting is On. In this position the device responds to signals coming from the proximity sensor. The switch can be set to Off if sensor operation is not desirable. This way, the device does not respond to signals from the proximity sensor.

3. **Audible alarm** – adjusts the acoustic signal emitted when the tablet is removed. The factory default setting is On. This means that a loud, intermittent audible alarm (sound level: 89 dB) will be generated for 30 seconds when someone removes the frame and the tablet. This is one of the methods to protect the equipment against theft. The switch can be set to Off. This will disable the current audible alarm and the device will not respond to any subsequent attempts to remove the tablet from the box. If the equipment is installed in a location where the tablet cannot get stolen easily (e.g. in a private residence), this feature can be disabled as early as during installation of the product.

Once the configuration of the device is completed, the standard position of the B10 overcurrent circuit breaker in the distribution board can be restored. Subsequently, supply voltage shall become present on the input and diagnostic LED diodes shall lit. Their functions are indicated with the following colours:

■ Green – correct mains power supply, the power supply unit is ON.

■ Red – the power is being supplied to the tablet; the battery in the tablet is charged, if necessary.

■ Blue – a person approaching detected.

■ Yellow – no tablet detected. This function can be checked by pressing the upper edge of the tablet to its installation location for a short moment.

The device will enter the Autotest phase and emit a short beep one second after energizing it. First, the blue LED diode will be flashing for 5 seconds. You can cover the proximity sensor then, e.g. by placing your hand 30-50 cm before the sensor. If the sensor operates correctly, the blue LED diode will be lit continuously and two short beeps will be generated. Then the yellow LED diode will be flashing for 5 seconds. During this time you can position the upper edge of the tablet at a distance of 3-4 mm from the box.

If the tablet detector operates correctly, the yellow LED diode will be lit continuously and two short beeps will be generated. At the end of the Autotest the device will attempt to supply 5V charging voltage to the USB output and perform voltage measurement. If no voltage is supplied to the output, a long warning beep will be generated, and blue and yellow LED diodes will flash alternately.

If basic device functions are positively verified, you can connect the tablet using the *Lightning*™ contact. The tablet shall indicate on its screen that the power supply unit is connected and that the battery is charging, if necessary. Subsequently, place the excessive length of the USB-Lightning cable inside the box and insert the tablet to the box observing the position of the "Home" pushbutton carefully. For horizontal orientation the pushbutton shall be positioned on the right side, and for vertical orientation - at the bottom. If the box got distorted during plaster setting phase and it is difficult to place the tablet inside it, you can use a small file to adjust the size of 8 corrective ribs supporting the tablet. Hold the tablet with one hand and put on it the decorative frame using your another hand so that the magnets in the corners of the frame are aligned with the magnets in the corners of the flush-mount box. The magnets should attract the frame positioned in the distance of a couple of centimetres, precisely positioning it and fixing the tablet in the right place. Now the installation process is completed.

Operation of the Equipment

Please note that if the tablet is put out of the Sleep mode by a person approaching it, the proximity sensor will be disabled so as not to disturb the operation of the device. It will be enabled again after 2 minutes from detecting that nobody is in the front of the tablet.

If only one application is sufficient for normal operation of the equipment, and activation of other applications will only disturb functioning of the device (in case of tablets installed in public places), you can prevent any unauthorized changes of the active application or in tablet's configuration settings. To this end, use the *"Guided Access"* feature by clicking *Settings -> General -> Accessibility -> Guided Access*. Once you set a password and activate this access mode, you can later switch it on and off by clicking the "Home" pushbutton three times quickly. Of course you need to know the password to switch off or temporarily pause this mode. This way, the tablet can be dedicated to run only one application. It will respond to touching and allow for navigating between respective application screens, however, it will not be possible to close this application or load another application.

If you need to remove the frame and the tablet, please disable the circuit breaker in the distribution board first. Subsequently, deactivate the alarm control panel input, if the device is connected to it. If the installation is neatly performed, there are no gaps between the frame and the tablet as well as between the frame and the wall. This means that the frame cannot be easily removed without the use of a special tool because the magnets hold it tightly (with the force of approx. 30 N). Use the supplied spring clip to remove the frame. Guide the ends of the clip through both holes on the right side (at the bottom in case of vertical frame orientation) of the frame, hold the tablet with your left hand and pull hard the clip in order to separate the magnets at least on one side. Now it should be relatively easy to separate the remaining magnets. Please remember that this is not a 100% effective anti-theft protection. Magnets only help you to position the tablet in the wall in a safe and aesthetic manner.

If for some reason the battery in the tablet got significantly discharged, charging will become more intense after powering the device on, which may result in increased heat production compared to standard conditions. Temperature inside the power supply unit may reach 65°C in this case. However, after less than one hour the charging current value becomes hundreds of times lower, and the temperature inside the cover of the device exceeds the ambient temperature only by several degrees.

Maintenance of the Equipment

The decorative frame and the tablet can be cleaned with a soft cloth. Do not use any aggressive detergents. Do not clean the equipment using a damp cloth or water jets.
The power supply unit and the remaining part of the

⚠	Do not open the internal cover of the power supply unit. In particular, do not carry out any repairs inside the unit. All repairs shall be performed by a specialist service indicated by the manufacturer. Improperly performed repairs may endanger the safety of users.

electronic circuit are maintenance-free.

Emergency situations

If the current consumption by the tablet exceeds the limit value (2.5A), the tablet will be automatically disconnected from the power supply. After 30 seconds the device will attempt to restore normal operation. In case it again detects that the current consumption is unacceptably high, the tablet will be permanently disconnected from the power supply and the device will emit for 10 seconds a series of loud sounds. Please check the condition of the tablet, the device and the cabling. If necessary, verify operation of the tablet with the power supply unit disconnected, and then check it again with its factory power supply unit connected. In case of any doubts consult with the authorized service of the tablet manufacturer. After identifying and eliminating the cause of the problem with excessive current consumption the device needs to be notified that normal operating conditions have been restored. This is done by disabling the circuit breaker in the distribution board and enabling it again after 10 seconds.

Service

In case of erratic device operation we kindly ask you to inform about this fact the manufacturer, either via an authorized seller or directly, using e-mail addresses and telephone numbers available here: www.eutonomy.com Apart from the description of the problem please specify the tablet type and the status of diagnostic LED diodes. Our Service Department will do their best to solve the problem or your device will be admitted for guarantee or post-guarantee repair.

Guarantee Terms and Conditions

GENERAL PROVISIONS

1. The device is covered with a guarantee. Terms and conditions of the guarantee are outlined in this guarantee statement.

2. The guarantor of the Equipment is Eutonomy Sp. z o.o. Sp. Komandytowa based in Łódź (address: ul. Piotrkowska 121/3a; 90-430 Łódź, Poland), entered into the Register of Entrepreneurs of the National Court Register kept by the District Court for Łódź-Śródmieście in Łódź, XX Commercial Division of the National Court Register, under no. 0000614778, Tax ID No 7252129926.

3. The guarantee is valid for a period of 12 months from the date the Equipment was purchased and covers the territory of EU and EFTA countries.

4. This guarantee shall not exclude, limit or suspend the Customer rights resulting for the warranty for defects of the purchased goods.

OBLIGATIONS OF THE GUARANTOR

5. During the guarantee period the Guarantor is liable for defective operation of the Equipment resulting from physical defects thereof disclosed during the guarantee period.

6. The Guarantor's liability during the guarantee period includes the obligation to eliminate any disclosed defects free of charge (repair) or supply the Customer with the Equipment that is free of defects (replacement). Whichever of the above is chosen remains at sole Guarantor's discretion. If repair is not possible, the Guarantor reserves the right to replace the Equipment with a new or regenerated Equipment with parameters identical to a brand-new device.

7. If repair or replacement with the same type of the Equipment is not possible, the Guarantor can replace the Equipment with another one bearing identical or higher technical parameters.

8. The Guarantor does not reimburse the cost of purchasing the Equipment.

LODGING AND PROCESSING COMPLAINTS

9. All complaints shall be lodged by telephone or via e-mail. We recommend using the telephone or on-line technical support provided by the Guarantor prior to entering a guarantee claim.

10. The proof of purchase of the Equipment is a basis for any claims.

11. After entering a claim via telephone or e-mail the Customer will be notified what reference number has been assigned to the claim.

12. In case of correctly entered complaints a representative of the Guarantor will get in touch with the Customer in order to discuss the details of delivering the Equipment to the service.

13. The Equipment the Customer is complaining about shall be made accessible by the Customer complete with all components and the proof of purchase.

14. In case of unjustified complaints the costs of delivery and receipt of the Equipment from the Guarantor shall be borne by the Customer.

15. The Guarantor can refuse to accept a complaint in the following cases:

    a. In case of incorrect installation, improper or unintended use of the Equipment;

    b. If the Equipment made accessible by the Customer is not complete;

    c. If it is disclosed that a defect had been caused not by a material or manufacturing defect;

    d. If the proof of purchase is missing.

GUARANTEE REPAIR

16. Subject to Clause 6, defects disclosed during the guarantee period will be eliminated within 30 working days of the date of delivering the Equipment to the Guarantor. In exceptional cases, e.g. missing spare parts or other technical obstacles, the period for performing a guarantee repair can be extended. The Guarantor will notify the Customer about any such situations. The guarantee period is extended by the time during which the Customer could not use the Equipment due to its defects.

EXCLUSION OF GUARANTOR'S LIABILITY

17. The Guarantor's liability stemming from the granted guarantee is limited to the obligations specified in this guarantee statement. The Guarantor will not be liable for any damages caused by defective operation of the Equipment. The Guarantor shall not be liable for any indirect, incidental, special, consequential or punitive damages, or for any other damages, including but not limited to loss of profits, savings, data, loss of benefits, claims by third parties and any property damage or personal injuries arising from or related to the use of the Equipment.

18. The guarantee shall not cover natural wear and tear of the Equipment and its components as well as product defects not arising from reasons inherent in the product – caused by improper installation or use of the product contrary to its intended purpose and instructions for use. In particular the guarantee shall not cover the following:

a. Mechanical damages caused by impact or fall of the Equipment;
b. Damages resulting from Force Majeure or external causes – also damages caused by malfunctioning or malicious software installed on the tablet connected to the Equipment;
c. Damages resulting from operation of the Equipment in conditions different than recommended in the instructions for use;
d. Damages caused by incorrect or faulty electrical installation (not consistent with the instructions for use) in the place of Equipment operation;
e. Damages resulting from carrying out repairs or introducing modifications by unauthorized persons.

19. If a defect is not covered by the guarantee, the Guarantor reserves the right to carry out repair at its sole discretion by replacement of damaged components. Post-guarantee servicing is provided against payment.

Trademarks

All **iPad Air 2, iPad Pro 9.7"** and *Lightning* names referred to in this document are registered trademarks belonging to **Apple** Inc.
SATEL is a name of the brand belonging to **Satel** Sp. z o.o.

NOTES: