Perform operations as described in "connecting cables" chapter and connect cables as follow:
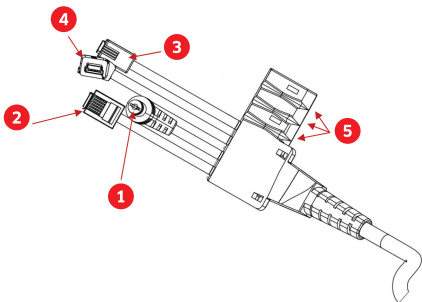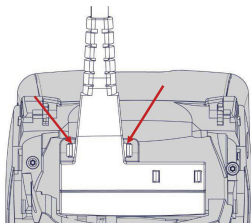
- Cables to plug:

(1) **Power lead**

(2) **Telephone line**

(3) **Ethernet cable**

(4) **Serial link RS232 cable**

- If you need extra cables then cut undesired over-molded section at **(5)**

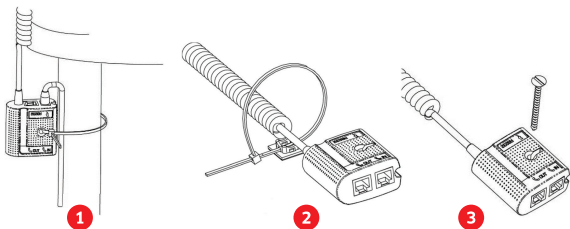- Install through-holes in the lead-through guides (as indicated on the figure).

ADVICE

It is strongly recommended to secure the "Magic cable" to terminal's work area in order to reduce stress on terminal and connection.

1 Using the supplied cable tie to attach to a table leg (or similar)

2 Using the supplied cable tie and self-adhesive support

3 Using a counter-sunk screw (not supplied) to an appropriate surface

- The "Magic Cable" should be readily accessible for terminal maintenance and helpdesk diagnosis purposes.

NOTE:

The connection Magic Box can also be attached using a VELCRO™ or other system.

4_5 Installing SAM (Secure access module)

CAUTION

Before starting, switch off the terminal by disconnecting the power supply.
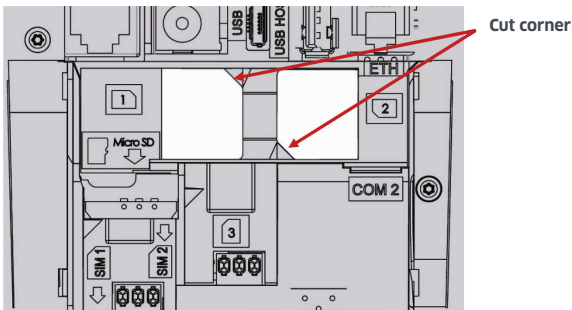
WARNHINWEIS

Bevor Sie beginnen, das Gerät auszuschalten, indem Sie das Netz.

Perform the following operations:

- Open down side trapdoor
- Insert the SAM Card into the slot marked (1) or (2). Take care to ensure that the SAM Card is inserted in the correct manner. The cut corner must be positioned as indicated on the figure.
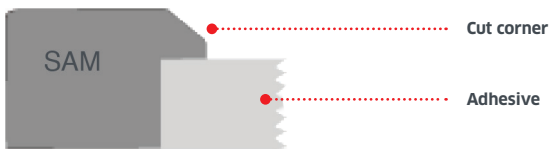

Cut corner

- Close down side trapdoor

We suggest you to use a piece of adhesive previously pasted on both sides of the SAM as shown here below for easy removal

Cut corner

Adhesive

| ⚠️ | **CAUTION** |
| | Do not use any tools when installing or removing the SAM Card. |

| ⚠️ | **WARNHINWEIS** |
| | Zum Einsetzen oder Entfernen der SAM Karte keinerlei Werkzeug benutzen. |

4_6 Installing MicroSD Card (optional)

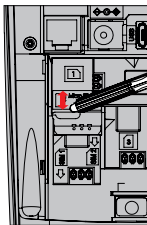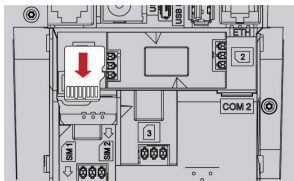| ⚠️ | **CAUTION** |
| | Before starting, switch off the terminal by disconnecting the power supply. |

| ⚠️ | **WARNHINWEIS** |
| | Bevor Sie beginnen, das Gerät auszuschalten, indem Sie das Netz. |

Perform the following operations:

- Open down side trapdoor
- Insert completely the MicroSD Card into the slot marked (MicroSD) as indicated on the figure. MicroSD Card must be back side positioned as indicated on marking.
- To remove the MicroSD Card push on it with touch panel pencil.
- Close down side trapdoor

● SEAMLESS PAYMENT

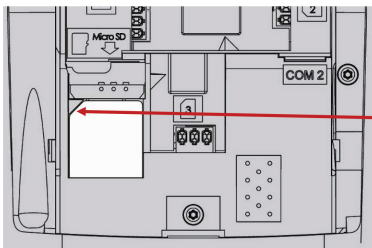## **4_7** Installing SIM for GPRS (optional)

CAUTION

Before starting, switch off the terminal by disconnecting the power supply.

WARNHINWEIS

Bevor Sie beginnen, das Gerät auszuschalten, indem Sie das Netz.

- Open down side trapdoor

Cut corner

- Insert the SIM GPRS into the slot marked (SIM1) as indicated on the figure. Take care to ensure that the SIM is inserted in the correct manner. The cut corner must be positioned as indicated on the figure.
- Close down side trapdoor

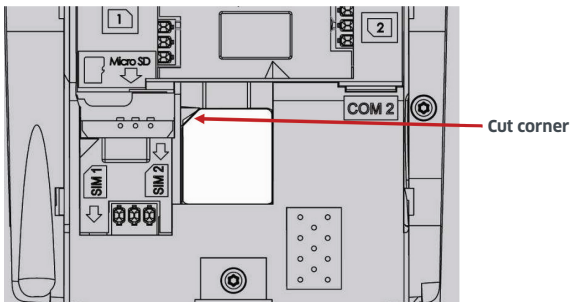● SEAMLESS PAYMENT

4_8 Installing SAM3 (optional)

⚠️	**CAUTION** Before starting, switch off the terminal by disconnecting the power supply.

⚠️	**WARNHINWEIS** Bevor Sie beginnen, das Gerät auszuschalten, indem Sie das Netz.

- Open down side trapdoor
- Insert the SAM Card into the slot marked (3) as indicated on the figure. Take care to ensure that the SIM is inserted in the correct manner. The cut corner must be positioned as indicated on the figure.

Cut corner

- Close down side trapdoor.

4_9 Installing 2nd SIM for GPRS (optional)

![caution icon] **CAUTION**
Before starting, switch off the terminal by disconnecting the power supply.

![warning icon] **WARNHINWEIS**
Bevor Sie beginnen, das Gerät auszuschalten, indem Sie das Netz.

- Open down side trapdoor
- nsert the SIM GPRS into the slot marked (SIM2) as indicated on the figure. Take care to ensure that the SIM GPRS is inserted in the correct manner. The insertion position SIM corner (engraved on the terminal) must be located as shown on figure.
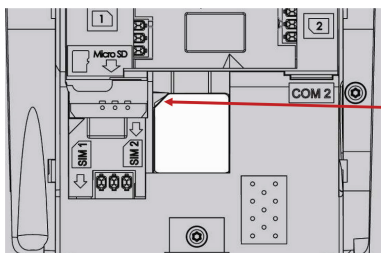
Cut corner

![warning icon] **Do not force at the insertion. Once positioned the SIM GPRS is not fully inserted, this is normal.**

![warning icon] **Nicht mit Gewalt einzusetzen. Nach der Positionierung der GPRS-SIM-Karte wird den ganzen Weg, was normal ist nicht eingelegt.**

- Close down side trapdoor

● SEAMLESS PAYMENT

5_Installing a paper roll

Your terminal is supplied with one paper roll. When the paper roll is nearing the end, a red line will appear on the paper; this indicates that the paper roll must be replaced.
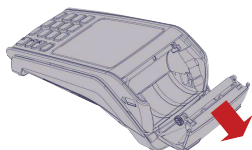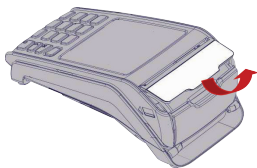
CAUTION
Use only paper approved by the manufacturer (diameter 40 mm). Use of unsuitable paper is likely to damage the printer of your terminal (see paper characteristics at "Maintenance" chapter).

WARNHINWEIS
Nur vom Hersteller zugelassenes Papier benutzen (Durchmesser 40 mm). Durch den Einsatz von ungeeignetem Papier kann der Drucker des Terminals beschädigt werden (Siehe die Papierspezifikationen in Kapitel «Wartung»).

- Open the paper compartment by lifting the catch located at the rear of the terminal and drag the cover to the rear.

CAUTION
Do not force the cover against the cables.

WARNHINWEIS
Die Abdeckungen nicht gegen die Kabel drücken.

- Insert the paper roll in the compartment following the directions shown on the figure below.

- Pull the paper up to the top of the terminal and hold it in this position.

- Maintain the paper and close the lid.

- Press the top of the lid in the centre as shown by arrow, until it clips into position.
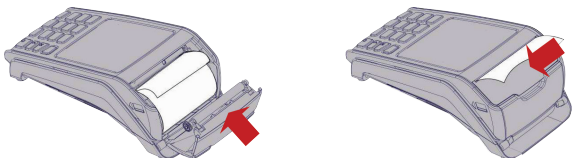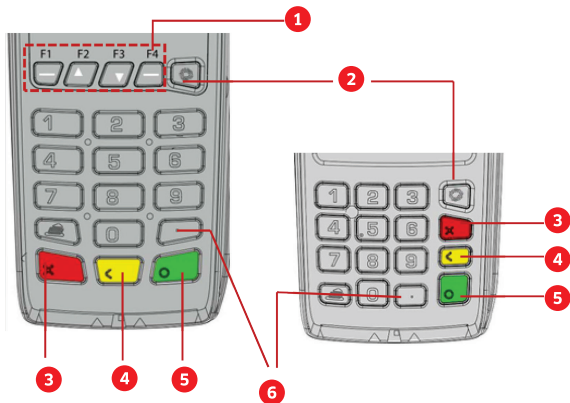

ADVICE

If you are inserting a new paper roll remove the first complete turn (this first turn of sensitive surface could be damaged during shipment).

6_Daily use

6_1 Keypad functions

1. **NAVIGATION keys**
2. **Ingenico key**
3. **CANCEL key (red)**
4. **CLEAR key (yellow) / Feed paper (long press)**
5. **VALIDATION key (green)**
6. **Dot key**

6_2 Adjusting the contrast (B&W display only)

No contrast management for the Color display

If you wish to increase or to decrease the contrast of the characters displayed on screen, press simultaneously on the ⬜ (dot key) and ⬜ key to decrease the contrast, or the ⬜ (dot key) and ⬜ key to increase it. Keep pressing the keys as long as necessary.

6_3 Card insertion

6_3_1 Swiping a card

- Insert the card manually in the driver, magstripe facing the main body of the terminal.
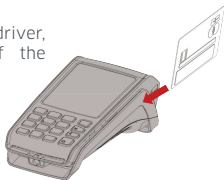
Swipe the card with constant speed, not too slowly not too fast, to maximize the reading efficiency and avoid annoying repetitions.

6_3_2 Inserting a chip card

- Chip Cards should be inserted into your terminal as illustrated with the chip facing up and into the card reader.

6_3_3 Reading Contactless (Optional)

- Bring the card firmly up to the active zone above (at about 1cm) the contactless logo located on paper trapdoor button.

- Keep the card close to the contactless logo during the transaction

Your contactless terminal provides four contactless status lights located on display/lens.

Contactless Active zone

- When a contactless transaction is started the first (left hand) status light will be lit steadily; this indicates that the contactless is in use but a card is not being read.
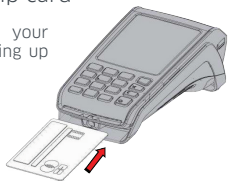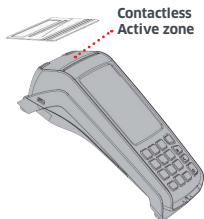
- When a contactless card is presented to the contactless active zone (*) during a transaction the second, third and fourth status lights will be lit in turn. The card read is successful when all four status lights are lit and a confirmation tone can be heard.

Contactless Status lights
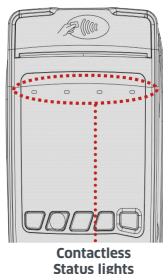
(*): Contactless Symbol is a trademark owned by and used with the permission of EMVCo, LLC.

⚠️ **CAUTION**
Do not stick any conductive label on to contactless active zone located on paper trapdoor button. It can decrease seriously contactless efficiency.

⚠️ **WARNHINWEIS**
Keine leitende Etikett Kleben Sie nicht an kontaktlosen aktiven Zone auf Papier Falltür-Taste befindet. Es kann ernsthaft kontakt Effizienz verringern.

● SEAMLESS PAYMENT

6_3_4 Headphone output (Optional)

- The headphone output jack is located under the card reader outlet. This option is not designed to play music, but to facilitate the use by blind people.

- Die Kopfhörerbuchse ist unter der Chipkartenleser entfernt. Diese Option ist nicht für die Musik zu spielen, aber nur, um die Verwendung von blinden Menschen zu erleichtern.

7_Maintenance / Wartung

CAUTION
Before making any operations of maintenance in the terminal, make sure that the power supply is disconnected.

WARNHINWEIS
Bevor irgendwelche Operationen der Wartung im Terminal, stellen Sie sicher, dass die Stromversorgung getrennt wird.

7_1 Paper roll

Characteristics	Precisions
Colour	White
Width	58 mm
Diameter	40 mm max.

> The thermal paper can be deteriorated by poor storage conditions, so we recommend you to avoid:

- storage in hot wet places (near to air-conditioner, humidity higher than 85%)
- exposure to sunlight or ultraviolet for long periods
- contact with organic solvents (solvent type adhesive)

- direct contact with materials containing plasticizers (PVC transparent folders or envelopes)
- direct contact with «diazo» papers
- direct contact with water
- Rubbing or pressing the paper too strongly

CAUTION
In order to benefit from the complete guarantee of the product, use **manufacturer approved thermal paper only.**

WARNHINWEIS
Um in den vollen Genuss der Garantie zu kommen, darf nur vom Hersteller zugelassenes wârmeempfindliches Papier benutzt werden.

7_2 Cleaning of the terminal

First of all, unplug all the wires from the terminal.

Good rules for proper cleaning of the terminal are:

- Use a soft cloth that is very slightly soaked with soapy water to clean the outside of the terminal. Manufacturer wipes kit is strongly recommended (ref: 296118801).
- Do not clean the electrical connections.

CAUTION
Do not use in any case, **solvents, detergents or abrasive products:**
Those materials might damage the plastic or electrical contacts.

WARNHINWEIS
In jedem Fall, verwenden Sie keine Lösungsmittel, Reinigungsmittel oder Scheuermittel:
Diese Materialien können Kunststoff-oder elektrische Kontakte beschädigen.

● SEAMLESS PAYMENT

- Avoid exposing the terminal to the direct rays of the sun.
- Do not put anything into the slot of the smart card reader

7_3 Transport and storage

- Use the original packaging for any unit or stored.
- Disconnect all cables from the terminal during the transport.

7_4 Troubleshooting

The terminal does not turn on or does not connect to the telephone line

- Check the power supply and telephone line cables
- Check for electrical power network

The terminal fails to establish a telephone connection

- Check that the tone of the phone line is free
- Check the configuration of the phone line and number to call
- Get support from technical

Cards are not read

- Check that the magnetic card is passed correctly (with magstripe facing the main body of the terminal)
- Swipe again the card with with constant speed, not too slow not too fast.
- Verify that the magnetic strip is not damaged, grooved or cracked
- Make sure you have inserted correctly the smart card into the smart card reader and removed the card only after the transaction

The ticket is not printed

- Check the presence and proper positioning of the paper roll. Possibly adjust the paper roll following instructions present in this manual
- Check the type of paper used (thermal paper must be used)
- Verify thermal paper sensitive side.

● SEAMLESS PAYMENT

7_5 Environment (WEEE, Batteries and Packaging)

This product is labeled in accordance with European Directives 2002/96/EC concerning Waste Electrical and Electronic Equipment (WEEE) and 2006/66/EC concerning Batteries and Accumulators. Those provisions are requiring producers and manufacturers to become liable for take-back, treatment and recycling upon end of life of equipment and batteries.

The associated symbol means that WEEE and waste batteries must not be thrown away but collected separately and recycled.

Ingenico ensures that efficient collection and recycling schemes are set-up for WEEE and batteries according to the local regulation of your country. Please contact your retailers for more detailed information about the compliance solution in place for disposing of your old product and used batteries.

Packaging waste must also be collected separately to assure a proper disposal and recycling.

Please note that proper recycling of the electrical and electronic equipment and waste batteries will ensure safety of human health and environment

8_Markings

The CE marking indicates terminal complies with harmonized standards and requirements of European Directives on:

- Radio and Telecommunications Terminal Equipment (R&TTE)

- RoHS (Restriction of Hazardous Substances)

Dieses Produkt, mit der CE-Kennzeichnung , entspricht:

- der europäischen Richtlinie über Funkanlagen und Telekommunikationsendeinrichtungen (R&TTE).

- der europäischen Richtlinie über die Beschränkung der Verwendung bestimmter gefährlicher Stoffe (RoHS).

This marking indicates that the product operates with an alternating current (AC) source (mains). It is completed by afferent values (voltage, frequency and max current).

This marking indicates that your terminal is suitable for direct current (DC) only. It is completed by afferent values (voltage, and max current).

This marking indicates power supply meets the energy efficiency level V requirements.
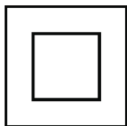
Marking for Class II product. Such product does not require a safety connection to electrical earth.

For Indoor use only.

Output plug is Positive (+) and the barrel (ring) of the output plug is Negative (-)

LPS This marking indicates power supply meets limited power source safety requirements.

This marking is apposed on to connector for telephone line connection.

This marking is apposed on to connector for power supply output cable connection.

● SEAMLESS PAYMENT

8_1 FCC/IC Compliance

FCC ID: XKB-D5000M00 / XKB-D5000M01
IC: 2586D-D5000M00 / 2586D-D5000M01

> 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 instruction, may cause harmful interference to radio communications.
> 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 interference by one or more of the following measures:
>
> - Reorient or relocate the receiving antenna.
> - Increase the separation between the equipment and receiver.
> - Connect the equipment into an outlet on circuit different from that to which the receiver is connected.
> - Consult the dealer or an experienced radio/TV technician for help.

> This device complies with Part 15 of the FCC Rules. 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.

> This device complies with Industry Canada license-exempt RSS 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.

● SEAMLESS PAYMENT

● 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.

● Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

● Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

● This device complies with FCC RF radiation exposure limits set forth for general population. This device must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

● This device complies with Industry Canada RF radiation exposure limits set forth for general population. This device must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Le présent appareil est conforme aux niveaux limites d'exigences d'exposition RF aux personnes définies par Industrie Canada. L'appareil doit être installé afin d'offrir une distance de séparation d'au moins 20cm avec l'utilisateur, et ne doit pas être installé à proximité ou être utilisé en conjonction avec une autre antenne ou un autre émetteur.

● SEAMLESS PAYMENT

- No changes shall be made to the equipment without the permission of Ingenico as this may void the user's authority to operate the equipment.
- Tout changement apporté à ce terminal non expressément approuvé par Ingenico est susceptible d'annuler le droit de l'utilisateur à se servir de cet équipement.

Part 68 of FCC Rules

US: IEOMM02TD5000M00 / IEOMM02TD5000M01

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US: AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.

This equipment uses the following USOC jacks: (RJ11C).

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. If advance notice is not practical, the telephone company will notify the customer as soon as possible.

Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of this equipment. If this happens, the telephone company will provide advance notice in order for you to make the necessary modifications to maintain uninterrupted service.

If trouble is experienced with this equipment, please contact INGENICO, or your local INGENICO distributor or service center in the U.S.A. for repair and/or warrant information.

● SEAMLESS PAYMENT

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

U.S.A service center:
Ingenico North America
3025 Windward Plaza, suite 600
Alpharetta, GA 30005
USA
Tel: +1(678) 456 1200 Fax: +1 (678) 456 1201
Email: info.us@ingenico.com

Your contact

296201424

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Ingenico - SA au capital de 47 656 332 / 317 218 758 RCS Nanterre

● SEAMLESS PAYMENT