

Carbon C10

Unboxing and connect.

Introduction

Carbon C10 is an Android based terminal that can be connected to either ethernet via a serial RJ45 or USB cable. Carbon C10 can be fitted with a range of accessories, including lockable terminal stand and desktop cradle for secure installation.

This document contains two sets of instructions, one on how to unbox and install a network configured terminal and one on how to unbox and connect a USB configured terminal.

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Version history

Version	Date	Notes
1.0	2023-05-04	Document created
1.1	2023-05-31	Document updated

1 Terminal overview

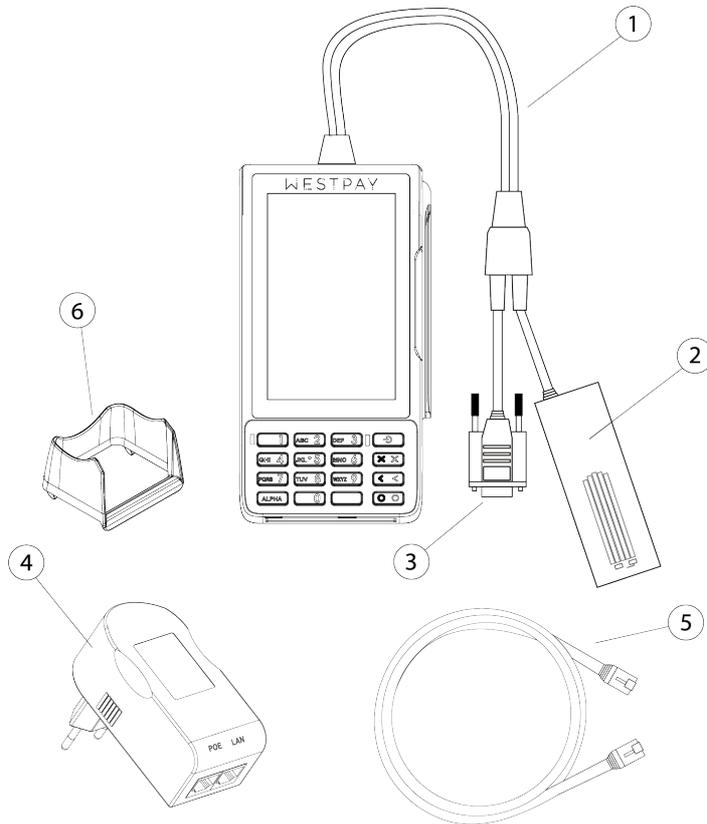


- 1 4" TFT Color Display, multi-touch screen, contactless card reader
- 2 Magnetic Card Reader
- 3 Keypad
- 4 Chip card reader
- 5 Power button (press and hold for 15 seconds)
- 6 Abort button
- 7 Edit or back button
- 8 Approval or select button
- 9 Back of the terminal with connection of cabling and identification label

2 Network configured terminal.

2.1 Unboxing

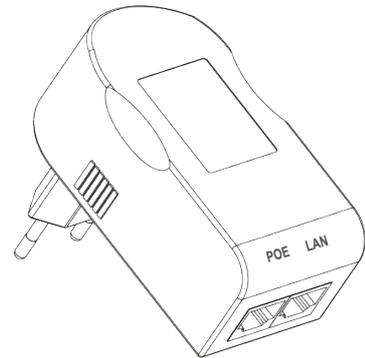
The following components is included with your terminal.



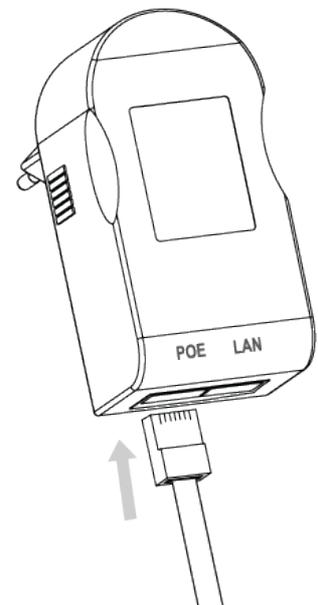
- 1 Payment terminal with connected communication cable
- 2 Network card (part of the communication cable)
- 3 Serial interface (part of the communication cable)
- 4 PoE Power injector (primary power source)
- 5 Ethernet cable
- 6 Pin shield

2.2 Power on your device

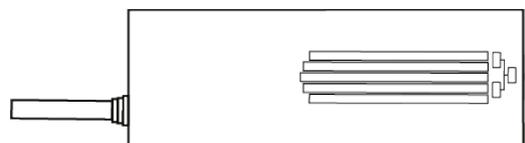
Find the PoE injector. Also be called power supply.



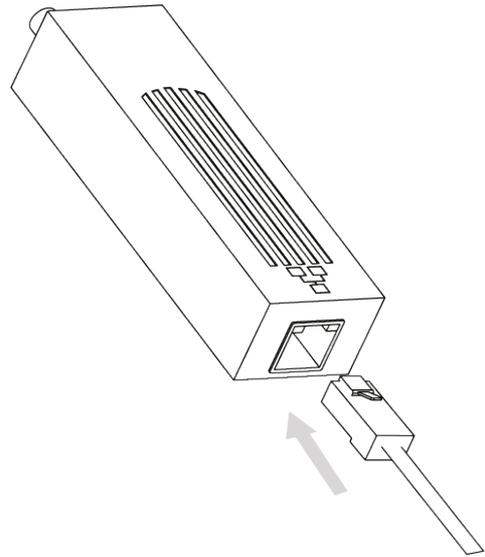
Connect one end of the included ethernet cable into the port marked with POE.



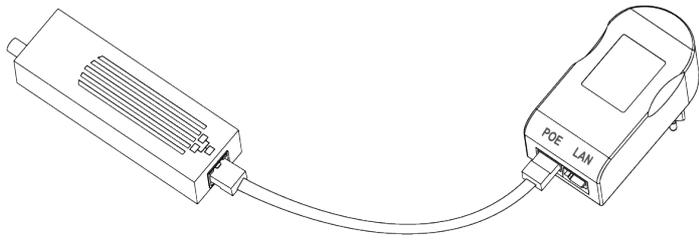
Find the network card that is attached to the main communication cable.



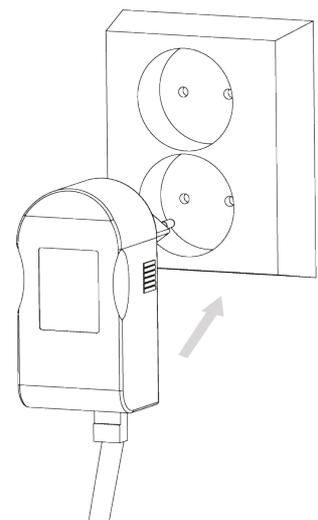
Now connect the open end of the previously connected ethernet cable and connect this to the port on the network card.



Your assembly should look like the left illustration if done correctly. The ethernet cable is connected between the POE port on the injector and the port with the symbol  on the network card.



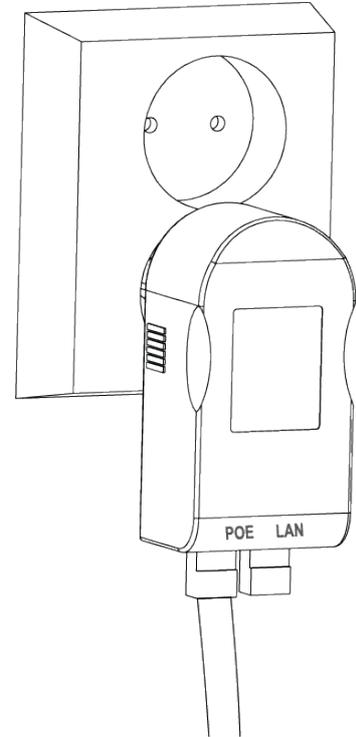
Now plug the PoE injector (power adapter) into a wall outlet. The terminal will automatically start once it detects power.



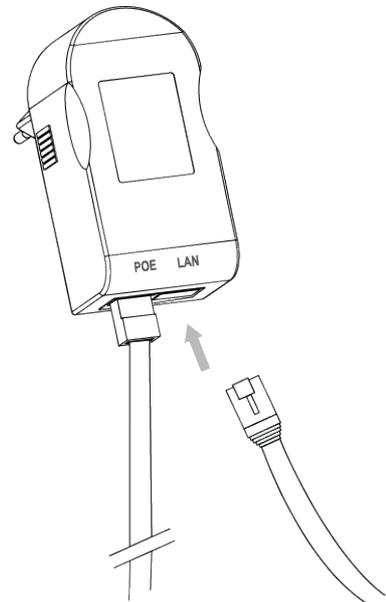
2.4 Connect your terminal to a network.

2.4.1 Standard network connection

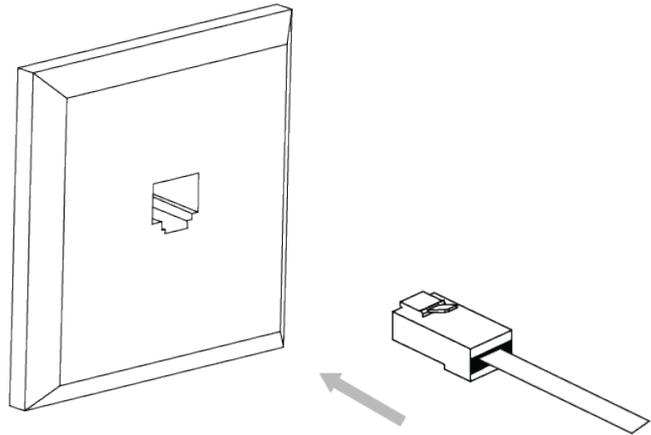
Find the previously installed PoE injector (power adapter) that you plugged in to a wall outlet.



Now, connect an ethernet cable (not included) to the free port on the PoE injector marked with the text LAN

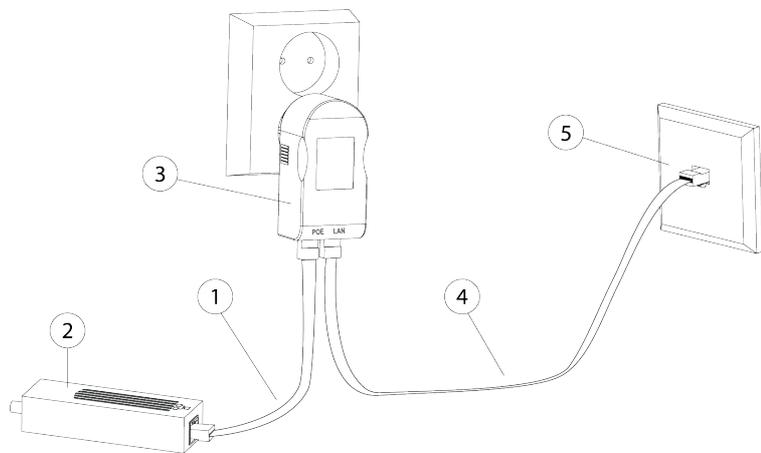


Connect the other end of the now installed ethernet cable to a free ethernet port on your local network.



This illustration shows a complete installation of an ethernet connected terminal. If you have followed all the instructions from Step 1, Step 2 and Step 3 then yours should look the same.

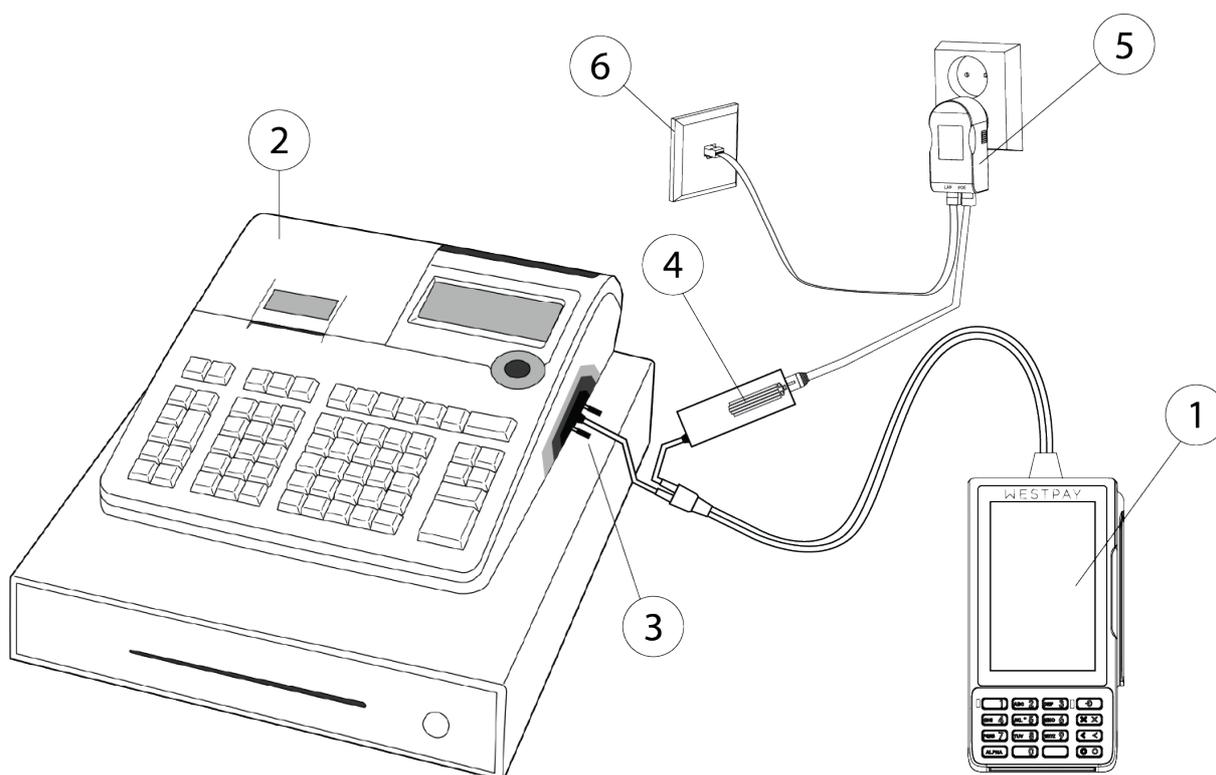
You should now have one cable (1) connected between the terminal network card (2) and the POE labeled port on the PoE injector (3). You should also have another cable (4) (not included) connected between the PoE injector (3) port labeled LAN and a network outlet (5)



2.4.2 Serial & Network connected

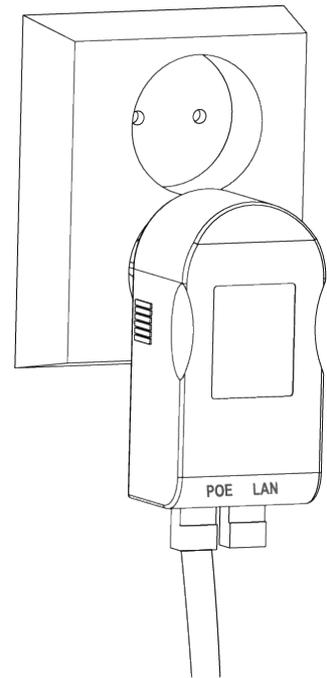
Follow below instructions to configure your terminal to work in an integrated environment between an electronic cash register and the payment terminal.

After completion your installation should look something like below illustration

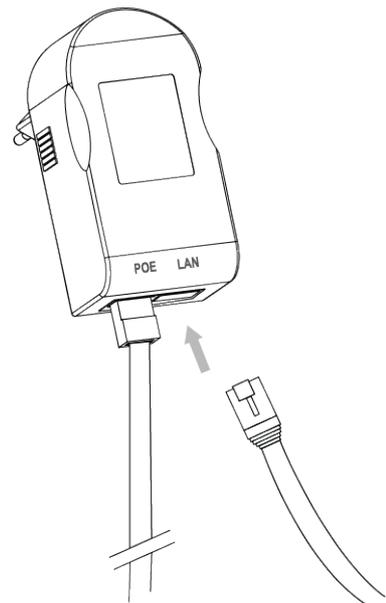


The terminal (1) is connected to the ECR (Electronic Cash Register) (2) via the RS232 cable (3). The terminal's network card (4) is connected to the PoE injector (5) port labeled POE. A network cable (not included) is connected from the PoE injector (5) port labeled LAN to a network outlet (6).

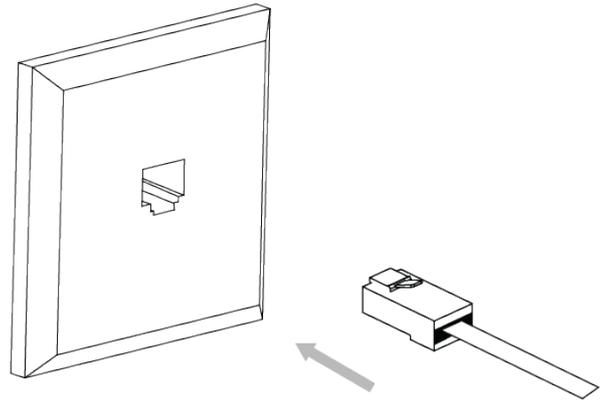
Find the previously installed PoE injector (power adapter) that you plugged in to a wall outlet.



Now, connect an ethernet cable (not included) to the free port on the PoE injector marked with the text LAN

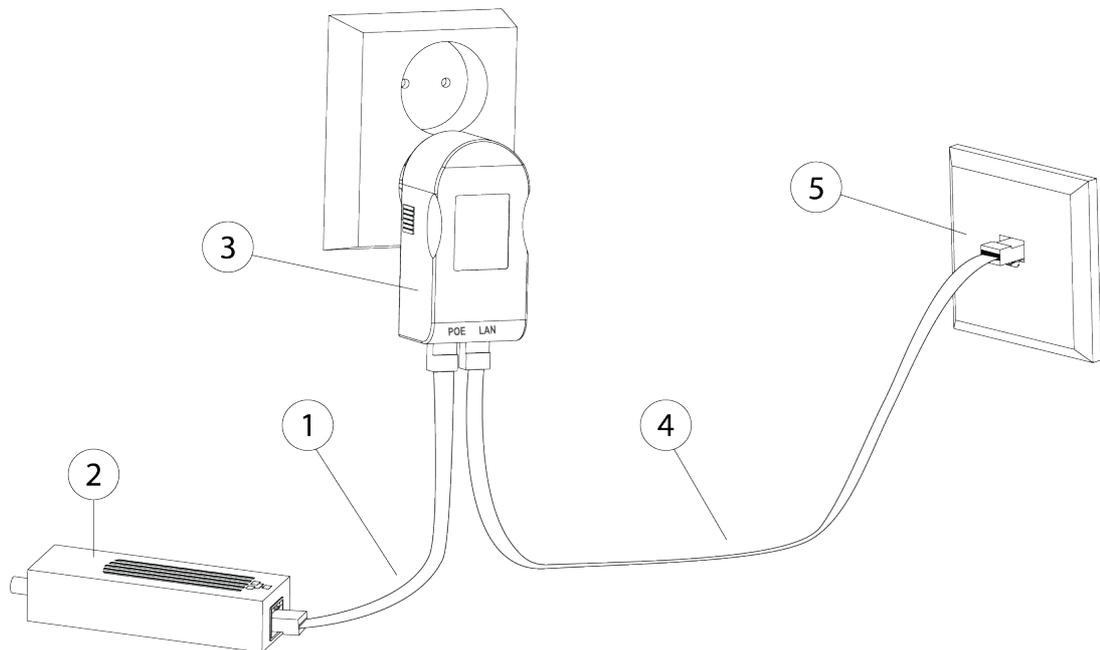


Connect the other end of the now installed ethernet cable to a free ethernet port on your local network.

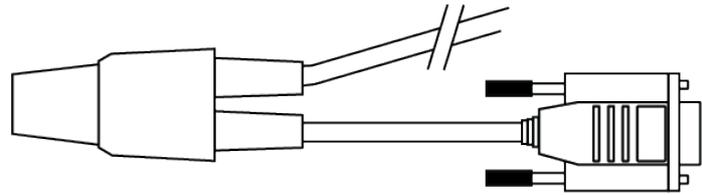


Below illustration shows a complete installation of a ethernet connected terminal. If you have followed all the instructions from Step 1, Step 2 and Step 3 then yours should look the same.

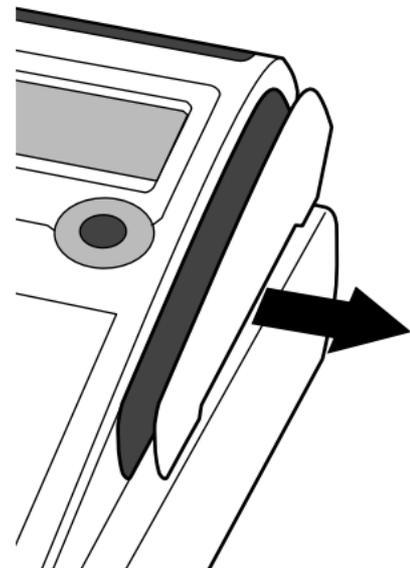
You should now have one cable (1) connected between the terminal network card (2) and the POE labeled port on the PoE injector (3). You should also have another cable (4) (not included) connected between the PoE injector (3) port labeled LAN and a network outlet (5).



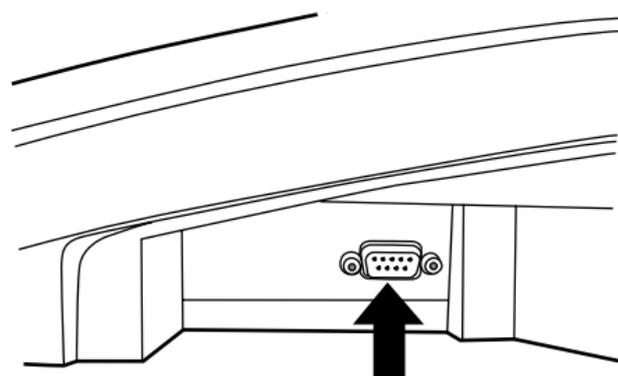
Find the serial RS232 interface on the end of the main communication cable.



Find the serial RS232 port on the ECR that will be used with the payment terminal. Please note that below image is just an example of one ECR, your model can have different port number and location. Please read your ECR manual for correct installation.

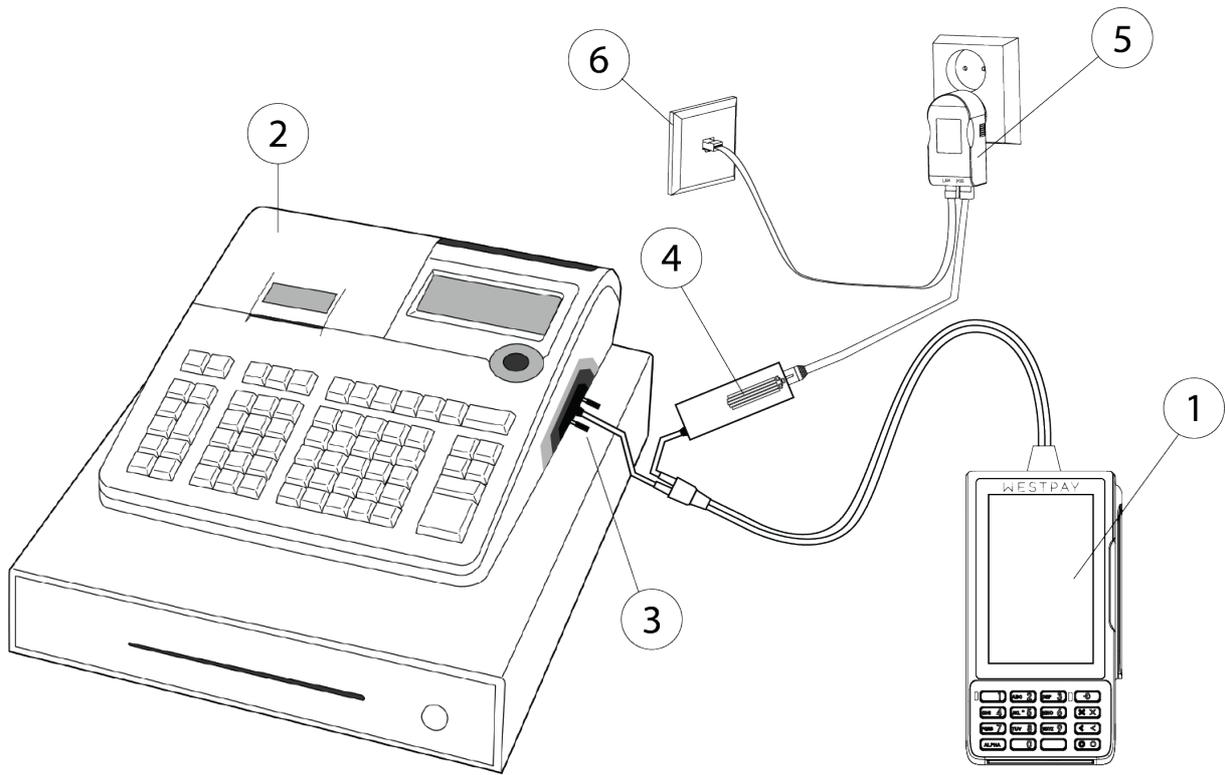


The RS232 port is hidden underneath a cover. Remove the cover and then connect the RS232 connector to the ECR. Secure the connection by screwing in the two locking pins.



Connect here

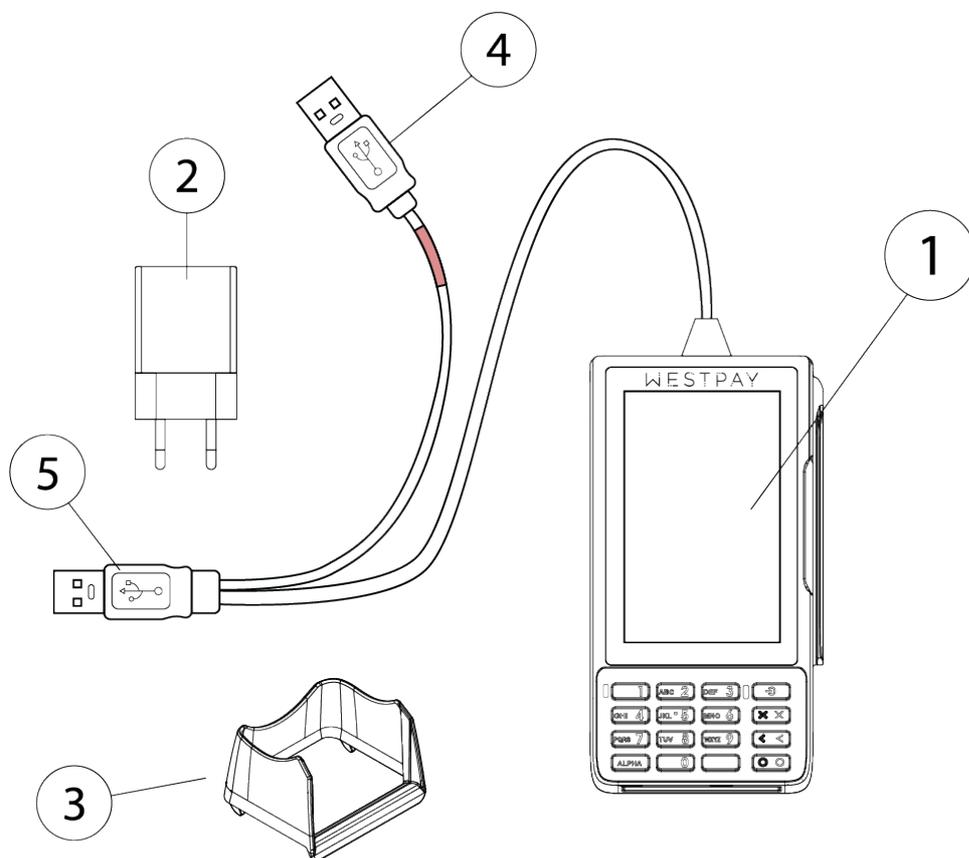
The installation should now look like the below illustration if done correctly



3 USB configured terminal.

3.1 Unboxing

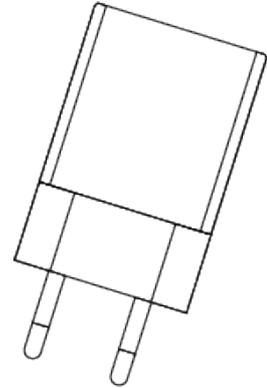
The following components is included with your terminal.



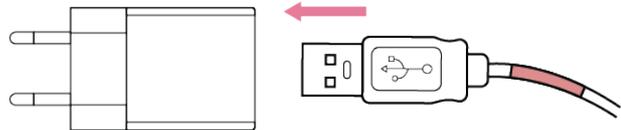
- 1 Payment terminal with connected communication cable
- 2 USB power plug
- 3 Pin shield
- 4 USB connector with red marking (power cable)
- 5 Main USB connector

3.2 Power on your device

Find the USB power plug.



Connect the USB cable with the red marking into the USB power plug.



Now insert the power plug into a power outlet. The terminal will automatically start once it detects power.

