

DASSAULT AT

AUTOMATISMES & TELECOMMUNICATIONS

Artema Installation guide

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FCC Warning statement

FCC ID: _____

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.

Artema presentation



Technical specifications

Handset specifications

Weight	680 g,
Size	243x90x65mm
Printer	Thermal printer
Display	Liquid Crystal Graphical, Backlit
Pin pad	11 alpha numeric keys, 3 navigation keys 3 dedicated keys: COR, CAN, ENT
Card reader	Magnetic stripe card reader ISO2 and ISO3 or ISO2 and ISO1 Smart card reader 8 or 16 pins ISO 7816 smart card readers: 2 (or optional 4) SAM module
Central Processing Unit	32 bits RISC processor , 256 KB RAM 1 MB Flash memory
Power supply	Removable battery pack Charging time: 2 hours for 60% of capacity 8 hours for a complete charge
Autonomy	Over 80 transactions

Base specifications

Size	235x138x74 mm
Weight	815 g
Power supply	115 V mains cord
Phone connection	
Peripheral connections	2 V24 interfaces

Installation and connections

Warning

Artema is an electrical equipment. It must be used in normal conditions as described in chapter "connections to the networks". Electrical constraints, environment constraints and additional connections to must be met XXX.

DASSAULT A.T. cannot be held responsible for:

- **Damage due to using or maintaining Artema in the conditions described in this guide.**
- **Damage and Failure due to external causes.**

In addition to the battery pack of the handset, Artema uses Lithium batteries in order to save internal data. The Lithium batteries in normal usage conditions have 6 year lifespan.

Beware: There is a risk of explosion, if these batteries are replaced incorrectly. These batteries should only be replaced by an approved servicing center. Batteries can only be replaced by batteries recommended by the manufacturer. Batteries should be disposed following manufacturer recommendation.

Environment

In order to use Artema in optimal conditions

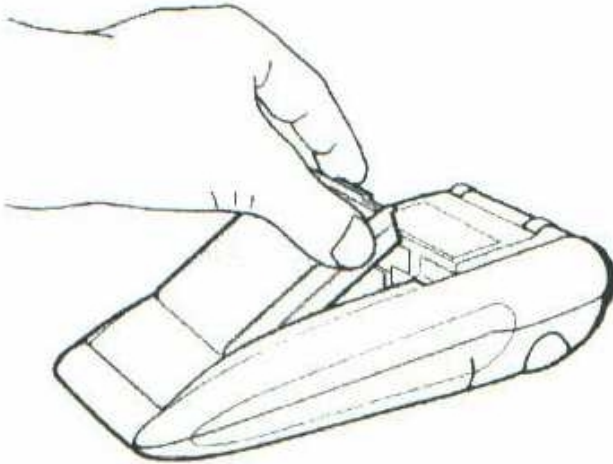
- Place the base on a clear and plane surface, close to the mains and close to a phone jack.
- Place the terminal avoiding excessive heat sources, vibrations, dust, water and strong radio sources.

External constraints

	Minimum	Maximum
Working temperature	+5 °C	+40°C
Storage temperature	-25 °C	+55 °C
Relative humidity	50%	90%

Battery pack installation

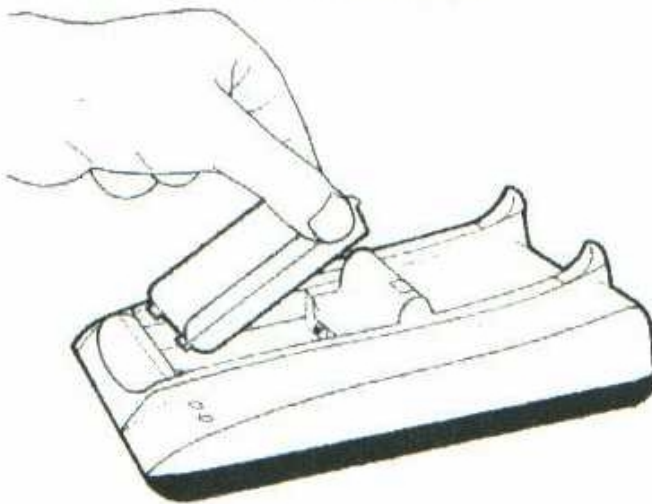
- It is important to **switch off** the terminal before changing the battery pack.
- Position the battery pack in the back of the handset.
- Press on the upper part of the battery until a "click" noise is heard.
- The terminal is ready for the charging cycle (see installation and connection).



Battery pack installation in base (optional)

If you have a second battery pack, you can charge it in the base.

- Extract the cache, and replace by the second battery.
- Press on the battery until you hear the "click" sound.
- The battery will start the charging cycle.

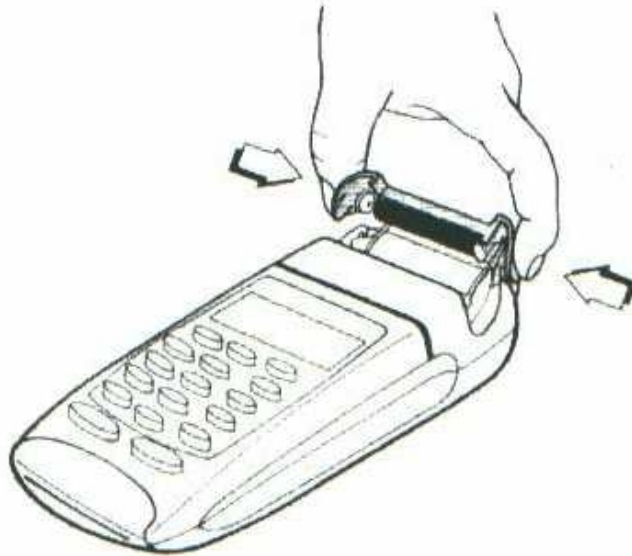


Paper installation

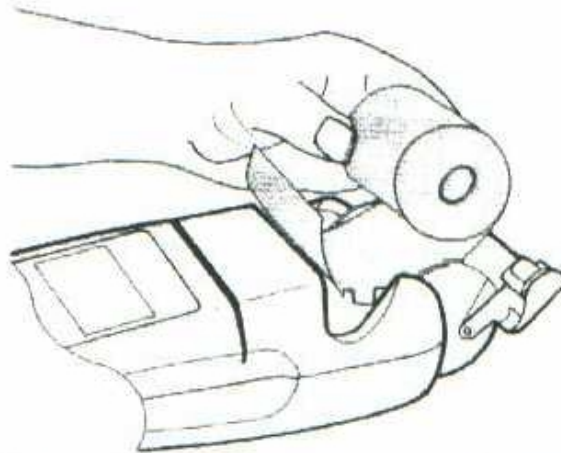
To obtain the highest quality printing, and to ensure maximum printer lifespan, only use recommended paper rolls.

Placing the paper roll

- Open the printer casing by pressing simultaneously on both sides, and by pulling upwards.



- Place the roll of paper in the casing, paper output towards the pinpad. Leave a few inches of paper outside.



- Close the printer casing. You will hear a "click" sound to confirm the casing is closed.



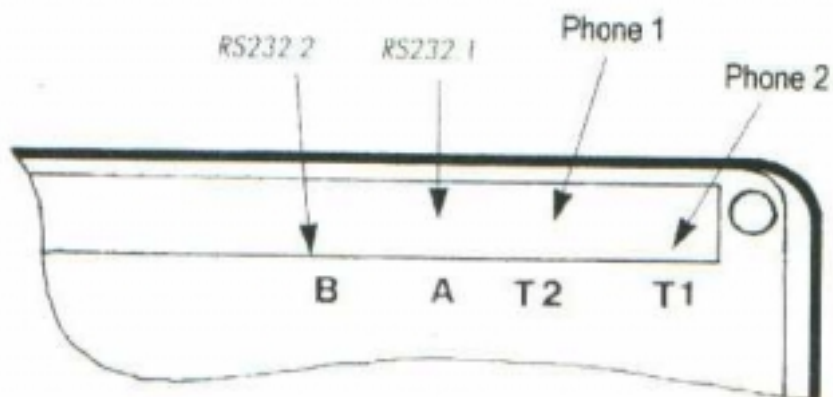
- **The printer can only work if the casing is closed.**
- Switch on the terminal, by pressing the on key, and forward a bit of paper to check the roll is correctly placed in its casing.
- Cut the exceeding paper.

Connecting to the networks

- Connect the power supply line to the mains (115V), and check that the green indicator on the base is on.
- Connect the phone line to the back of the base (T1)

The mains need to be close to the terminal, in order to be urgently disconnected, if required.

Base connections:



Radio link setup

- The radio link setup is set by a subscription procedure (see radio linking document).
- This procedure is required for the handset to work with the base.

Connecting peripherals

Connectors RS232.1 and RS 232.2 enable you to connect:

- Cash registering machine
- Other peripherals following availability

Charging ARTEMA

**Before using Artema for the first time, leave the handset to charge for 8 hours in order to charge the battery.
This should enable you to use Artema in good conditions**

- After a charging cycle, an icon indicates the battery charge level
- In order for you to keep getting a large number of transaction without the base:
- **We recommend you to change batteries every two years.**
- **Battery should only be replaced by recommended batteries**

Spare parts

Paper rolls: DASSAULT A.T. reference FM03164KKK
Phone cable: DASSAULT A.T. reference 5261-126-400
Battery pack: DASSAULT A.T. reference 4432-102-

Please contact your approved distributor to order these parts.

Problem solving

Technical maintenance operations should only be done by approved servicing centers.

However some problems can easily be solved:

Artema stops during display or printing:

- Recharge the battery by placing the handset on the base for several hours
- Check the battery is correctly set in the handset
- Check the printer casing is correctly closed

The handset is not communicating with the base:

- Check the base is on (green indicator on)
- If the green indicator is off, check the power line is correctly plugged.
- Check the radio link between the base and the handset.

Phone calls to processing centers fail:

- Check that the phone line is correctly connected
- Check that your phone installation works
- Check that the telecommunication parameters match your phone installation.

The paper roll gets jammed:

- Check that the paper roll is correctly placed.
- Check that the paper casing is correctly closed.

Notes