

**DASSAULT AT**

**AUTOMATISMES & TELECOMMUNICATIONS**

**ARTEMA**

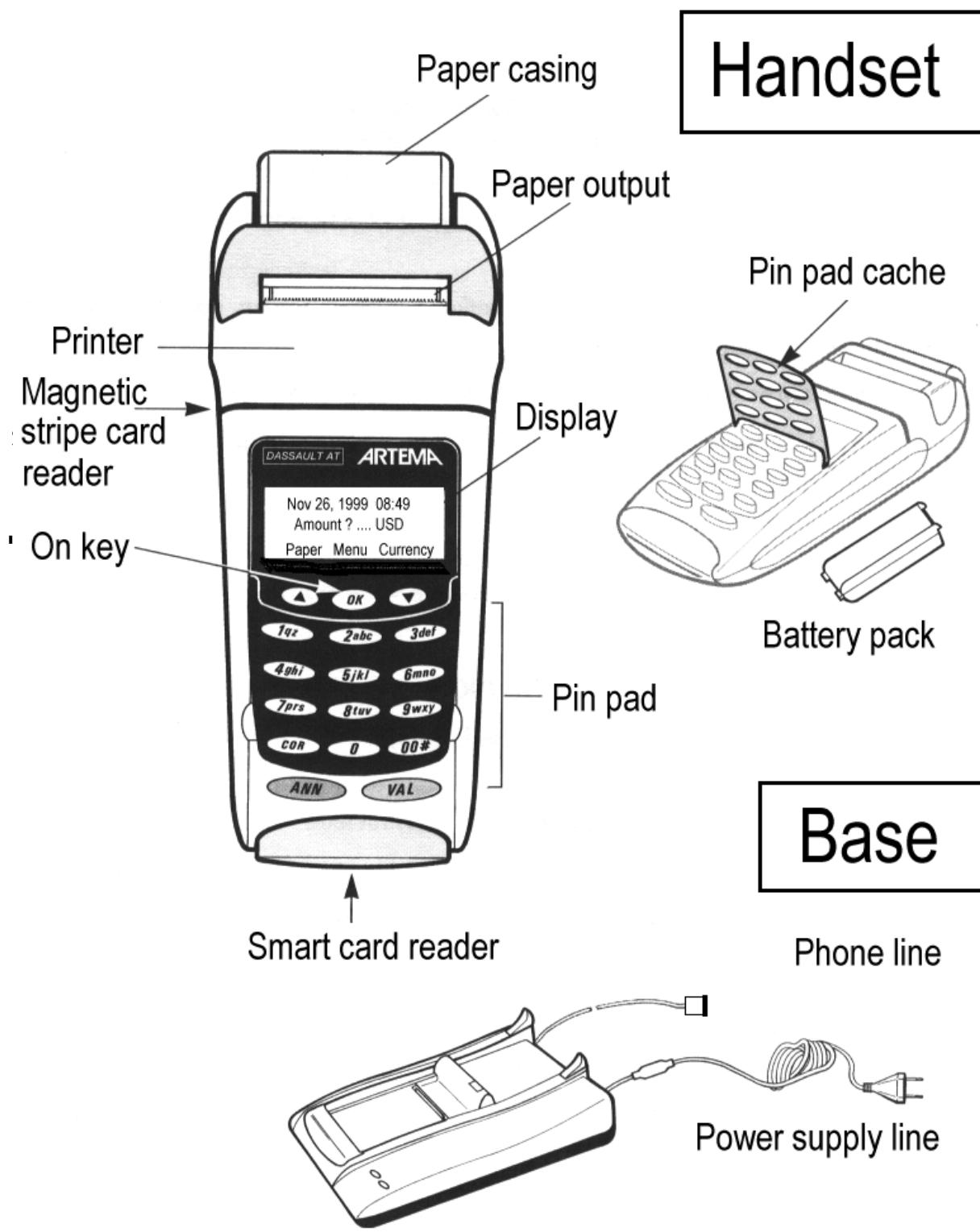
**Mobile**

**Installation guide**

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## 1 ARTEMA PRESENTATION



\* depending on configuration

## 2 INSTALLATION AND CONNECTIONS

### 2.1 *Warning*

Artema is an electrical device. It must be used in normal conditions as described in this manual.

DASSAULT A.T. cannot be held responsible for :

- **Damages due to using or servicing Artema other than in the conditions described in this guide.**
- **Damages or Failures due to external causes.**

### 2.2 *Lithium batteries*

In addition to the battery pack of the handset, Artema uses Lithium batteries in order to backup internal data. The Lithium batteries in normal usage conditions have 6 years life expectancy. These batteries should only be replaced by an approved servicing center.

#### **CAUTION**

**Danger of explosion if battery is incorrectly replaced**  
**Replace only with the same or equivalent type**  
**recommended by the manufacturer.**  
**Dispose of used batteries according**  
**to the manufacturer's instructions.**

### 2.3 *Environment*

In order to use Artema in optimal conditions

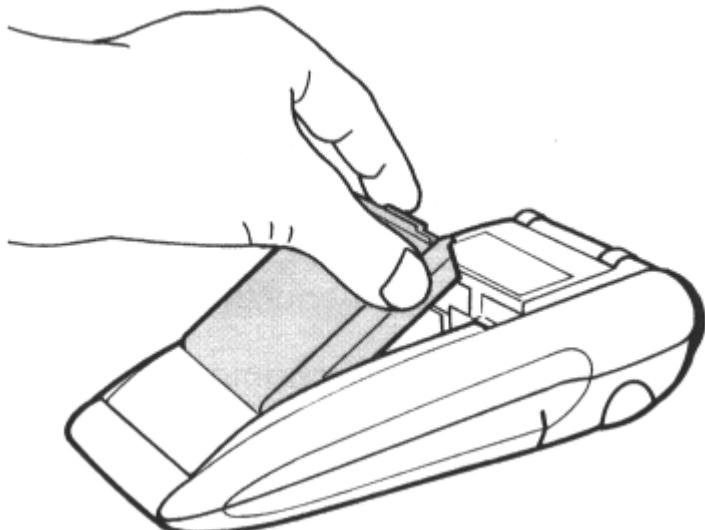
- Place the base on a clear, flat, leveled surface, close to the mains.
- Place the terminal away from excessive heat sources, vibrations, dust, water and strong radio sources.

#### Environmental conditions

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

## 2.4 ***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).



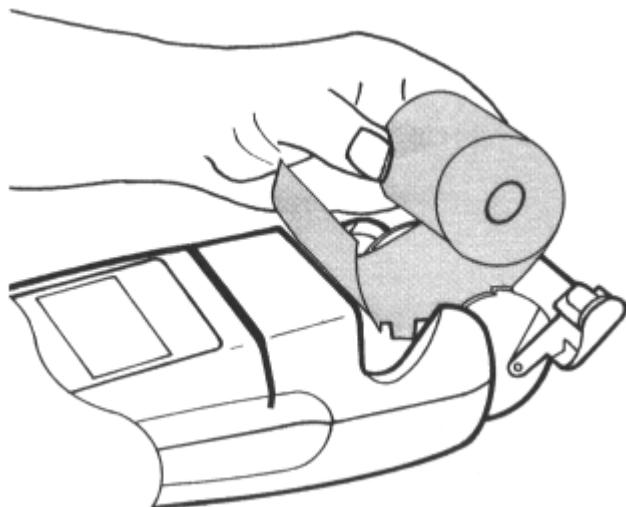
## 2.5 ***Installing the paper roll***

To obtain the highest printing quality, and to ensure maximum printer life span, only use recommended paper rolls 2 1/4 x 7/8 x 80 Ft.

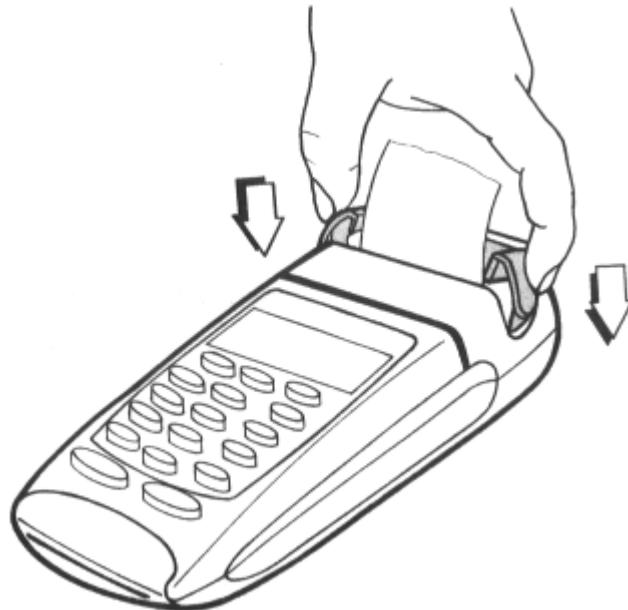
- Open the printer casing by pressing simultaneously on both sides, and by pulling upwards.



- Place the roll of paper in the casing, paper output towards the pin pad. 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 will work only if the casing is closed and battery is charged.**
- Switch on the terminal, by pressing the "power on" key, and draw an inch of paper to check the roll is correctly placed in its casing.
- Cut the exceeding paper.

## 2.6 *Connecting to the mains supply*

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

**The mains outlet needs to be close to the terminal, within reach, in order to quickly disconnect the terminal if necessary.**

## 2.7 *Charging ARTEMA*

**Before using Artema for the first time, leave the handset to charge for 8 hours in order to fully charge the battery pack. This should allow 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 transactions without base
- **We recommend you to change battery packs every two years.**
- **Only use original battery packs**

### 3 TROUBLE SHOOTING & SPARE SPARTS

**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

#### **Paper jams :**

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

#### **Spare parts**

Contact DASSAULT A.T. of America at 888 / 710-0100.

## 4 TECHNICAL SPECIFICATIONS

### 4.1 Handset specifications

Weight	680 g (23.9 OZ)
Size	243 x 90 x 65 mm (8.57 x 3.2 x 2.3 inch)
Printer	Thermal printer
Display	Liquid Crystal Graphical, Backlit 40 x 132
Pin pad	11 alpha numeric keys, 3 navigation keys, 3 dedicated keys: CLR, CAN, ENT
Card readers	Magnetic stripe card reader ISO2 and ISO3 or ISO2 and ISO1 Optional smart card reader 8 or 16 contacts ISO 7816 smart card readers : 2 or 4 optional SAM modules
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 full charge
Autonomy	Over 80 transactions

### 4.2 Power supply base specifications

Size	235 x 138 x 74 mm (9.25 x 5.4 x 2.9 inch)
Weight	680 g (23.9 OZ)
Power supply	115 V AC mains cord
Phone connection	none
Peripheral connections	none
Optional 2 <sup>nd</sup> battery pack charger	none

## COMPLIANCE INFORMATION

### GENERAL



NOTE: 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 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 the 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 a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



This equipment has been tested and found to comply with the US and Canadian (Bi-National) Standard for Safety of Information Technology Equipment, Including Electrical Business Equipment, CSA C22.2, No. 950-95 \* UL 1950, Third Edition, including revisions through revision date June 22, 1998, which are based on the Fourth Amendment to IEC 950, Second Edition.

Listed Hand held units are intended to be supplied and used with listed base units.

**Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.**

## COMPLIANCE INFORMATION

### MOBILE version

This equipment complies with part 22 of the FCC rules. On the hand held unit is a label that contains, among other information, the FCC registration number for this equipment.

#### FCC RF EXPOSURE INFORMATION

*Please read this information before use*

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this equipment complies with the FCC guidelines and these international standards.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the equipment, or result in violation of FCC regulations.

To comply with FCC RF exposure requirements this device must be operated with a minimum separation distance of 0.5cm from the user/nearby persons.

For more information about RF exposure, please visit the FCC website at [www.fcc.gov](http://www.fcc.gov)

# Notes