

# Smart Pen Device

## User Manual

**Model number: SP-2014-Rel2**

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## CHANGES

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## 1. INTRODUCTION

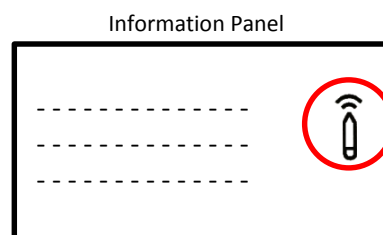
This document is part of the documentation submitted for the project “Custom Product Proposal for Smithsonian Cooper-Hewitt National Design Museum, New York” and describes how to use the Interactive Pen and the Safety Information for Users and the Museum’s staff.

Please, to prevent injury to yourself and others or damage to the Interactive Pen, read all of the following information before using the Interactive Pen.

## 2. USER QUICK START GUIDE

### 2.1. HOW TO USE THE INTERACTIVE PEN

- 1) Request your Interactive Pen to the Museum’s staff.
- 2) If you are interested in the artwork, read with your Interactive Pen the NFC tag located on the information panel:
  - a. Pushing the button on the logo



- b. The Interactive Pen will store the information automatically.
  - c. You will note that the action is correct because a defined light pattern and vibration will happen in the pen.
- 3) Go to the Interactive Table and download the artwork information to access the media contents.
  - 4) Use the nib of the Interactive Pen to interact with the Interactive Tables and work with the media contents.

When you finish your visit, leave the Interactive Pen at the collection points of the Museum.

## 2.2. SAFETY INFORMATION



### **Keep the Interactive Pen dry**

Humidity and all types of liquids may damage Interactive Pen parts or electronic circuits. When wet, do not use the Interactive Pen and return immediately to the staff in the museum.



**Do not leave kids alone using the Interactive Pen without adult supervision. The Interactive Pen is not designed to be used by young children.**



### **Do not disassemble or modify the Interactive Pen**

Any changes or modifications to the Interactive Pen can damage the device. Do not disassemble or puncture the batteries.



### **Do not use the Interactive Pen for any other purpose different for the one that it is specified.**

Sistelnetworks will not be responsible for any misuse of the Interactive Pen nor its consequences.



### **Do not drop the Interactive Pen or cause impacts to the Interactive Pen**

If bent or deformed, the Interactive Pen or its parts may be damaged causing malfunction.



### **Do not use the Interactive Pen in dusty, dirty areas**

Dust can cause malfunction of the Interactive Pen.



### **Do not use the Interactive Pen in potentially explosive environments.**



### **Do not store the Interactive Pen in hot/cold or wet areas.**

Extreme temperatures can cause the deformation of the Interactive Pen and reduce the life of the Interactive Pen and batteries.



### **Do not store the Interactive Pen with such metal objects as coins, keys and necklaces**

The Interactive Pen may become deformed or malfunction.

If the battery terminals are in contact with metal objects, it may cause a fire.



**The Interactive Pen contains a radio frequency transmitter. Always respect restrictions to the use of radiofrequency devices.**

### 3. MUSEUM'S STAFF QUICK START GUIDE

#### 3.1. HOW TO USE THE INTERACTIVE PEN

- 1) Open the nib side of the Interactive Pen and insert 3 AAA certified batteries. If the polarization of the batteries is correct, the Interactive Pen will turn on.
- 2) Configure the Interactive Pen using the Gateway provided by Sistelnetworks for this purpose and the configuration commands provided in the technical documentation.
- 3) Test the Interactive Pen reading an NFC tag and perform a connection with an Interactive Table to confirm that the configuration is correct.
- 4) Store the Interactive Pen following the storage instructions contained in the Safety Information for its future use.

#### 3.2. SAFETY INFORMATION



**Use only the manufacturer configuration commands to configure the Interactive Pen and follow the instructions of Technical Documentation provided by the manufacturer**

Using non-appropriate Configuration commands or not following the Technical Documentation may damage the firmware of the Interactive Pen causing malfunction and voiding your manufacturer's warranty.



**Keep the Interactive Pen dry**

Humidity and all types of liquids may damage Interactive Pen parts or electronic circuits.

When wet, do not use the Interactive Pen. Dry the Interactive Pen with a towel and keep it switched off till you are sure it is completely dry inside.

Water damage to the Interactive Pen can void your manufacturer's warranty.



**Do not disassemble, modify, or repair the Interactive Pen**

Any changes or modifications to the Interactive Pen can void your manufacturer's warranty. Do not disassemble or puncture the battery, as this can cause explosion or fire.



**Use only manufacturer-approved accessories and supplies**

Using non-appropriate supplies may shorten the life of the Interactive Pen or cause the Interactive Pen to malfunction.



**Do not use the Interactive Pen for any other purpose different for the one that it is specified.**

Sistelnetworks will not be responsible for any misuse of the Interactive Pen nor its consequences.



Sistelnetworks cannot be responsible if accessories that are not approved by Sistelnetworks are used.



**Do not drop the Interactive Pen or cause impacts to the Interactive Pen**

If bent or deformed, the Interactive Pen or its parts may be damaged causing malfunction.



**Do not use or store the Interactive Pen in dusty, dirty areas**

Dust can cause malfunction of the Interactive Pen.



**Ensure maximum battery life**

Use certified AAA batteries. It is recommended to be used in the same pen batteries of the same model and manufacturer.



**Do not manipulate or replace the batteries of the Interactive Pen with wet hands or without having discharged your body static electricity**

Static electricity and humidity may damage Interactive Pen parts or electronic circuits.



**Do not store the Interactive Pen near or in heaters, microwaves, hot cooking equipment, or high pressure containers**



**Do not use the Interactive Pen in potentially explosive environments.**

**Do not store the Interactive Pen in hot/cold or wet areas. Use the Interactive Pen at 0 °C to 35 °C, relative humidity 5% to 95% non-condensing**

The Interactive Pen may explode if it is exposed to high temperatures.

Extreme temperatures can cause the deformation of the Interactive Pen and reduce the life of the Interactive Pen and batteries.

Do not expose the Interactive Pen to direct sunlight for extended periods of time.



**Do not store the Interactive Pen with such metal objects as coins, keys and necklaces**

The Interactive Pen may become deformed or malfunction.

If the battery terminals are in contact with metal objects, it may cause a fire.



**The Interactive Pen contains a radio frequency transmitter. Always respect restrictions to the use of radiofrequency devices.**

#### 4. FCC STATEMENT

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.

**Warning:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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:

- v Reorient or relocate the receiving antenna.
- v Increase the separation between the equipment and receiver.
- v Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- v Consult the dealer or an experienced radio/TV technician for help.