

InkPoster

USER MANUAL

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Safety Precautions

Before start working with the device, please read this section carefully. Following these instructions will help you ensure your safety and extend service life of the device.

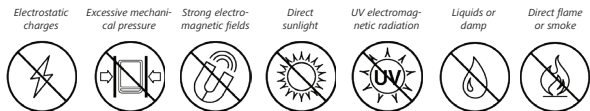
Storage, Carriage and Usage Conditions

The device operating temperature range is 5°C to 45°C, so don't expose the device to excessively high or low temperatures. Never leave cables near heat sources. Heated cables or their insulation may become deformed or damaged, which could lead to fire or electric shock.

The charger should be compatible with **USB Power Delivery 3.0, 30W Max**. Use only the original charger or a charger with the same parameters to charge the device.

Make sure that the mount is secure before hanging the device, or if in doubt, consult a specialist. Use only the original mount.

Try to avoid next impacts:



Maintenance

⊗ Do not leave the device for a long time in poorly ventilated environment, e.g. in a car or in closed tight boxes/ packaging.

⊗ Neither drop nor try to bend the device.

⊙ Protect the screen from objects that may scratch or damage it.

⊗ Do not disassemble or modify the device. Disassembling the device or the device's display module can cause permanent damage and invalidate the warranty agreements.

⊗ Do not use the device with a damaged battery or charger (broken case, poor contact, broken feed cable). If the battery is damaged (cracked case, leakage of electrolyte, off-shape etc.), it should be replaced by the authorized personnel. Usage of home-made or modified batteries may cause an explosion and/or damage to the device.

⊗ Do not use organic or inorganic solvents (e.g. benzoyl, acetone, toluene and alcohol etc.) to clean the screen/case because they cause chemical damage to the device's surface.

⊗ The display module should not be exposed to harmful gases, such as acid and alkali gases, which corrode electronic components.

⊙ IPA solvent can only be applied on active area and the back of a glass. For the rest part, it is not allowed.

- ✓ Use a soft cloth to remove dust from the device's surface. Apply a few drops of distilled water to remove dirt.
- ⊗ Do not touch the surface for bare hand or greasy cloth. (Some cosmetics deteriorate the device's surface).
- ⊗ Wipe off saliva or water drops as soon as possible. Their long time contact with the surface of device causes deformations and colour fading.
- ✓ Keep away from children.

Up to five faulty pixels in the screen are acceptable and do not constitute a warrantable defect of the screen.

If the device has not been used or charged for a long time, it may be discharged and not respond to interaction attempts. In this case, connect a charger of the appropriate power for at least one hour.

For detailed information about service centres in your region please visit the official website: inkposter.com.

Warning

The screen of the device has a fragile glass base! To avoid damage, make sure not to drop, bend, or apply pressure to the device, do not allow point pressure on the screen surface and any other actions that might break or damage the glass base. The screen does not have any special protective layer so please avoid any contact between its surface and objects that might leave marks or scratches on it. The display may break when it is dropped or bumped on a hard surface. Handle with care. Should the display break, do not touch the electrophoretic material. In case of contact with electrophoretic material, wash with water and soap.

RF Safety

The device receives and transmits radio frequencies and may interfere with radio communications and other electronic equipment.

If you use personal medical devices (e.g. a pacemaker or hearing aid) please contact your doctor or the manufacturer of your medical device to learn whether or not such medical devices are protected against external RF signals. Do not use wireless communication in places where it is prohibited, e.g. onboard a plane and in hospitals — this may affect airborne avionics or medical equipment.



Utilization

Please do not throw your device into the regular waste!

Incorrect disposal of this device may have adverse impacts on the environment and public health. To prevent such consequences, follow the device-specific disposal requirements. Recycling these materials helps to preserve natural resources. For more information regarding recycling issues, please contact local municipal authorities,

your domestic waste collection service, a store where you purchased the device, or the authorized service center.

Disposal of electronic devices, electric and electronic components, and batteries is subject to the local laws of your country and/or union harmonized standards (for example, in the EU and other European countries where separate waste disposal systems exist). In order to dispose of your device properly, please consult the municipal authority or waste collection service in your specific country.

Do not destroy the battery by burning it to avoid the danger of explosion.

Technical Specifications

Display	13.3" E Ink Spectra 6, 1200 × 1600 display, 150 dpi
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Processor	MCU
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Platform (OS)	RTOS
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Communications	USB Type-C, Wi-Fi (2.4 / 5GHz), Bluetooth 5.2
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Battery	Li-Ion Pol, 10000 mAh
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Dimensions	342.5 x 418.6 x 24.5 mm
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Weight	2.1 kg
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Getting Started

Thank you for choosing InkPoster! Follow the steps below to set up your device and start using it.

MOUNTING DEVICE ON THE WALL

The device can be hung either **vertically** or **horizontally**.

Follow the steps below to set up and mount your device properly:

WARNING. We recommend contacting a qualified technician for installation, especially if you have no prior experience.

1. The device is fragile, so carefully unpack the device and read all documentation, including the safety recommendations and warnings.

2. Choose the appropriate screw and dowel for the type of the wall you intend to mount the device on.

3. Select the optimal place to install the device using the template (we recommend choosing a place that allows you to install the device in both horizontal and vertical positions, as our design allows you to easily change the orientation). Put the template against the wall and mark the position for drilling through the template using a pencil.

4. Drill holes at the positions marked on the wall or drill directly through the template and then remove it.

5. Securely fasten the mounting hook at a 90-degree angle to the wall. Ensure it is firmly in place before use.

6. Carefully hang the device in the selected orientation by inserting the hook into the dedicated mounting hole. Ensure the hook fits securely into the designated slot on the device for proper installation.

CHARGING BATTERY

Initially, devices are shipped in a *deep standby* mode with a default placeholder image displayed on the screen, which depends on the software version. Connect the included charger to the device to switch white screen to the default image and start the charging process.

NOTE: The charger shall be compatible with **USB Power Delivery 3.0, 30W Max (5V up to 3A for InkPoster Affresco 13.3")**. Use only the **original charger** or a **charger with the same parameters** to charge the device.

To charge the battery *for the first time*:

- Keep the device connected to the adapter and let the battery charge to 100%.
- When the battery is fully charged, the LED goes off. You can disconnect the cable from the device, and start using it. You can also monitor the charging process and battery level in your InkPoster app.

DEVICE MANAGEMENT

To *turn on* your InkPoster open a hatch on the right bottom side of the device and press the **On/Off** button.

To fully *turn off* the device press and hold the **On/Off** button for 5 seconds. Three LED blinks confirm successful shutdown. Note that the current image will remain unchanged.

NOTE: It is not recommended to turn off the device for longer than 3 months. It is preferable to change the picture at least once every three months, otherwise artefacts (image distortions) may appear during the next image update. In case if such situation still occurs and artefacts become visible, update the image on the device 5 to 10 times, and artefacts will disappear.

To *reboot* the device press the **Reset** button (with a paper-clip and NOT with a needle) which is under the same hatch.

To perform a *factory reset* press the **On/Off** button 7 times. Upon successful completion the default image will be displayed:

NOTE: After *factory reset* Inkposter needs to be reassigned to your account. See [Registration](#) and [Authorization](#) chapter for instructions.



REGISTRATION AND AUTHORIZATION

To start using InkPoster you need to link the device to your account. This process can be done via the *InkPoster mobile app*.

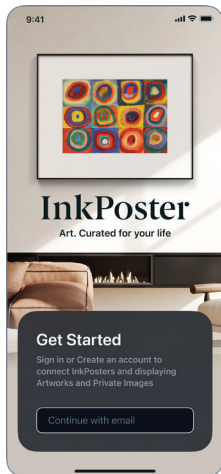
1. Download the *InkPoster app*.

For Android devices: Get it from the *Play Market*.

For iOS devices: Download it from the *App Store*.

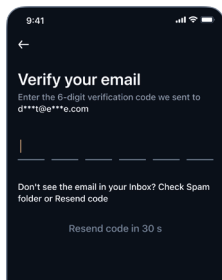
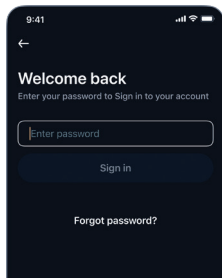
2. Open your InkPoster app and enter your email address into the *Continue with email* field.

3. Enter your password and tap *Sign in*. If you have forgotten your password, tap



the *Forgot Password?* and follow the onscreen instructions to reset the password and regain access to your account.

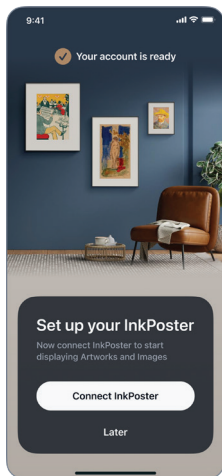
NOTE: In case you don't have an account registered with the entered email, you'll need to create one. Please follow the onscreen instructions to verify the email and create your inkposter account.



CONNECTING INKPOSTER

To display images on the InkPoster, you need to connect your device to the frame via Bluetooth. To do that please tap *Connect InkPoster* and follow the onscreen instructions to finish the linking procedure.

Once you have completed all the steps, you will be logged in to your InkPoster account and can start using your frame to display beautiful artworks.



To disconnect InkPoster from an account, user should be in the Bluetooth area of the InkPoster frame. In the application go to the InkPoster *About menu*, open extended settings by tapping top right button and tap *Forget InkPoster*. The frame will then reset to the factory settings.

In case if user is not near the frame and does not have Bluetooth, after Forget InkPoster procedure, user should press the reset button 7 times on the frame itself to reset the frame to the factory settings.

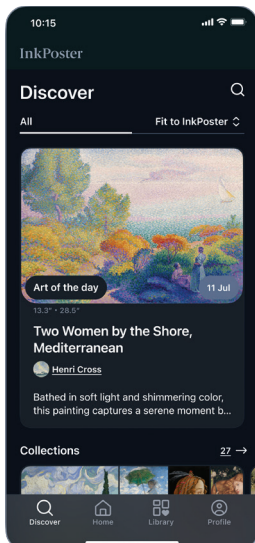
Home

In this chapter you will learn how to explore image galleries and how to send images to your device.

QDISCOVER

It gives you access to an on-line gallery of different image collections. You can search and filter images by different collections, themes, artists and also match the image to your InkPoster frame size.

The entire collection is carefully selected and covers different historical eras and styles.

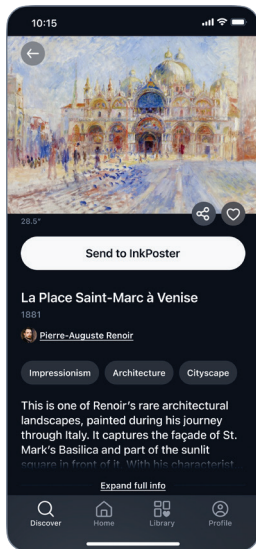


To show pictures that fit your InkPoster frame, tap *Fit to InkPoster* in the top right corner of the screen.

Viewing mode

Tap on the picture you are interested in to open it in viewing mode. In the menu that opens, you can view the picture and read information about it. To open the image in the full-screen mode, tap in the center of the image in viewing mode.

To send the picture to your InkPoster frame, tap *Send to InkPoster*, select the frame to which you want to send the picture, and tap *Send*.



Please wait while your artwork is being processed. This typically takes 10-15 seconds.

NOTE Once processing is complete, the ink-printing phase will start. During ink-printing stage, you will observe flickering on the display as the selected image is rendered. The flickering is caused by the activation of millions of microcapsules within the color ePaper display, which are reoriented by an applied electric field to form the image. The ink-printing process may require up to 10-20 seconds to complete

To add an image to the *Library*, tap the  icon below the image.

To return to the previous menu, tap the  icon in the upper left corner of the screen.

You can also use a longtap gesture on the image you have selected. In this case, a *longtap menu* will open, where you can see a general view of the picture and brief information about it. This menu also allows you to send the image to a frame, add the image to your library, or share the image.

There is a possibility to send the pictures to InkPoster *remotely* when you are out of Bluetooth reach. In this case, the image will be displayed on the device after the time specified in the sync interval menu.

User can manually initiate a synchronization with the server directly from the device by shortly pressing **ON/OFF** button one time.

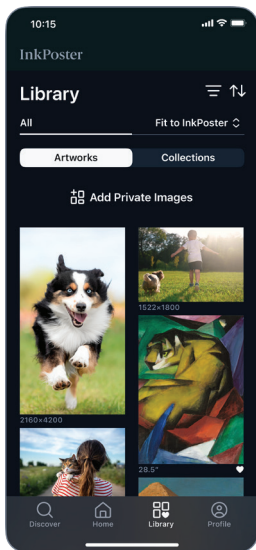
NOTE: It is not recommended to set too short server polling intervals since it can negatively affect device operation time from single charge. The recommended interval is 24 hours.



Allows you to create custom image collections and display custom images on your device.

The *Artworks* section shows all the images available in your *Library*.

To add your own image to the Library, tap *Add Private Images*. Allow InkPoster app to access your photos, if needed, to add Private Images to the Library and send them to InkPoster devices. In the pop-up window that appears, tap *Select photos*. Select the image or multiple images you



want to add to the Library. To view the selected images, tap *Show selected*, or immediately tap *Done* in the upper right corner to confirm your selection.

NOTE: We recommend using pictures in PNG, 8-bit format, with a resolution that matches the screen size for each model:

- **13.3"** - 1200x1600 pixels;
- **28.5"** - 2160x3060 pixels;
- **31.5"** - 2560x1440 pixels.

Send custom picture to InkPoster

Tap on the picture to open it in viewing mode and tap *Send to InkPoster*. Select the frame and its orientation and tap *Send*; or tap *edit* to enable image editing tools:



Image orientation menu

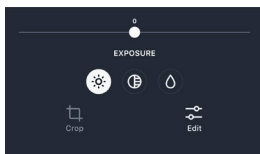


Image editing menu



Orientation - select the orientation of the frame you want to send the image to.



Crop - allows you to resize the image by removing unnecessary areas or extra elements on the edges and prepare the image for the format of the frame you have selected.



- allow you to adjust the image to the desired format, **rotate** the image 90°, **flip** and **stretch** the image to fit the frame size.



Edit - tap to enable basic image editing tools.



Exposition - allows you to change the brightness of the image.

 **Contrast** - allows you to change the contrast of the image, adjust the difference between light and dark parts of the image.

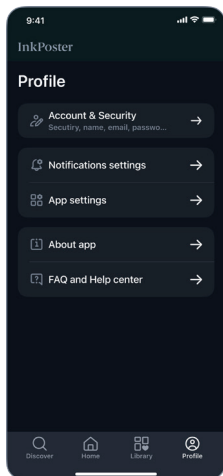
 **Saturation** - allows you to adjust the increase or decrease of saturation and brightness of colours.

Profile & Settings

In this chapter you will learn how configure the interface and features of your InkPoster app profile for the most comfortable usage. Select the *Profile* icon in the navigation bar at the bottom. All changes will be applied after exiting the section.

PROFILE

Profile section allows you to change the user's photo, change the name and email address, and the password for the account. This section also allows you to log in and out of the application, or delete the user's profile.



APP SETTINGS

Settings allow you to customise the app to suit your preferences and improve usability. The following options are available:

- *Language* - choose the language of the app.
- *Mode* - select the app's theme, *dark* or *light* modes are available; or enable *Auto* to sync the app mode with device mode.

ABOUT APP

Displays the information about app with current version. Also in this section you will be able to find about Privacy Policy and Terms & Conditions of use.

FAQ AND HELP CENTER

This section helps you quickly find answers to basic questions and solve possible problems related to your device or application.

NOTE: All the essential information required for the operation and usage of the frame is available at the www.inkposter.com.

Compliance with International Standards

Product name: InkPoster Affresco 13.3"

Model number: PB1330P1

Firmware version: 1330.1.1

Rated input power: 5V/3A

Manufacturer: Pocketbook International SA. Crocicchio
Cortogna 6, 6900, Lugano, Switzerland. Tel. 0800-187-
3003. Made in Taiwan.

EU DECLARATION OF CONFORMITY

	Pocketbook International SA (Crocicchio Cortogna 6, 6900 Lugano, Switzerland) hereby declares that the radio equipment in this product box corresponds to Directive 2014/53/EU. The full text of the EU declaration of conformity for the product in box is available at the following internet address: https://inkposter.com/pages/declaration-of-conformity	
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RF OUTPUT POWER

WLAN & Bluetooth Output Power (dBm):

This device has been tested and meets applicable limits for Radio Frequency (RF) exposure.

The frequency and maximum transmitted power in EU are listed as bellows:

2412 - 2472MHz: **21.0** (WLAN 2.4G, 802.11b, typical)

5180 - 5825MHz: **17.0** (WLAN 5G, 802.11a/n, typical)

2402 - 2480MHz: **14.0** (Bluetooth BDR/BLE, typical), **11.0** (Bluetooth EDR, typical)

WLAN 2.4G Transfer Rate (Mbps):

802.11b: 11 / 5.5 / 2 / 1

802.11g: 54 / 48 / 36 / 24 / 18 / 12 / 9 / 6;

802.11n (HT20, MCS0~MCS7): 72.2 / 65 / 57.8 / 43.3 / 28.9 / 21.7 / 14.4 / 7.2

802.11ax (HT20, MCS0~MCS8): 86.7 / 78.1 / 65 / 57.8 / 43.3 / 28.9 / 21.7 / 14.4 / 7.2

WLAN 5G Transfer Rate (Mbps):

802.11a: 54 / 48 / 36 / 24 / 18 / 12 / 9 / 6

802.11n (HT20, MCS0~MCS7): 72.2 / 65 / 57.8 / 43.3 /
28.9 / 21.7 / 14.4 / 7.2

802.11ax (HT20, MCS0~MCS8): 86.7 / 78.1 / 65 / 57.8 /
43.3 / 28.9 / 21.7 / 14.4 / 7.

FCC

This device (**FCC ID: 2AUVWPB1330P1**) 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.

15.21 Information to the user. Any changes or modifications not expressly approved by the party responsible for

compliance could void the user's authority to operate the equipment. 15.105 Information for the user.

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 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 to a socket on a circuit different from that to which the receiver is connected.

- Contact with the provider or a radio TV technician for help.

IC Caution:

English	Français
This device (IC: 31467 - PB1330P1) contains license-exempt transmitter(s)/receiver(s) that comply with Innovation Science and Economic Development RSS(s). Operation is subject to the following two conditions: • This device may not cause interference; • This device must accept any interference, including interference that may cause undesired operation of the device.	L'émetteur/récepteur exempt de licence contenu dans le présent appareil (IC: 31467 – PB1330P1) est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: • L'appareil ne doit pas produire de brouillage; • L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

IMPORTANT: Changes or modifications to this product not authorized could void the EMC and wireless compliance and negate your authority to operate the product. This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, televisions, and other electronic devices.

This version of the user manual is developed for safety certification purposes only and may not represent final software functionality of device firmware.

NOTE: The 5.2/5.3 GHz band is restricted to indoor use due to the Radio Law.