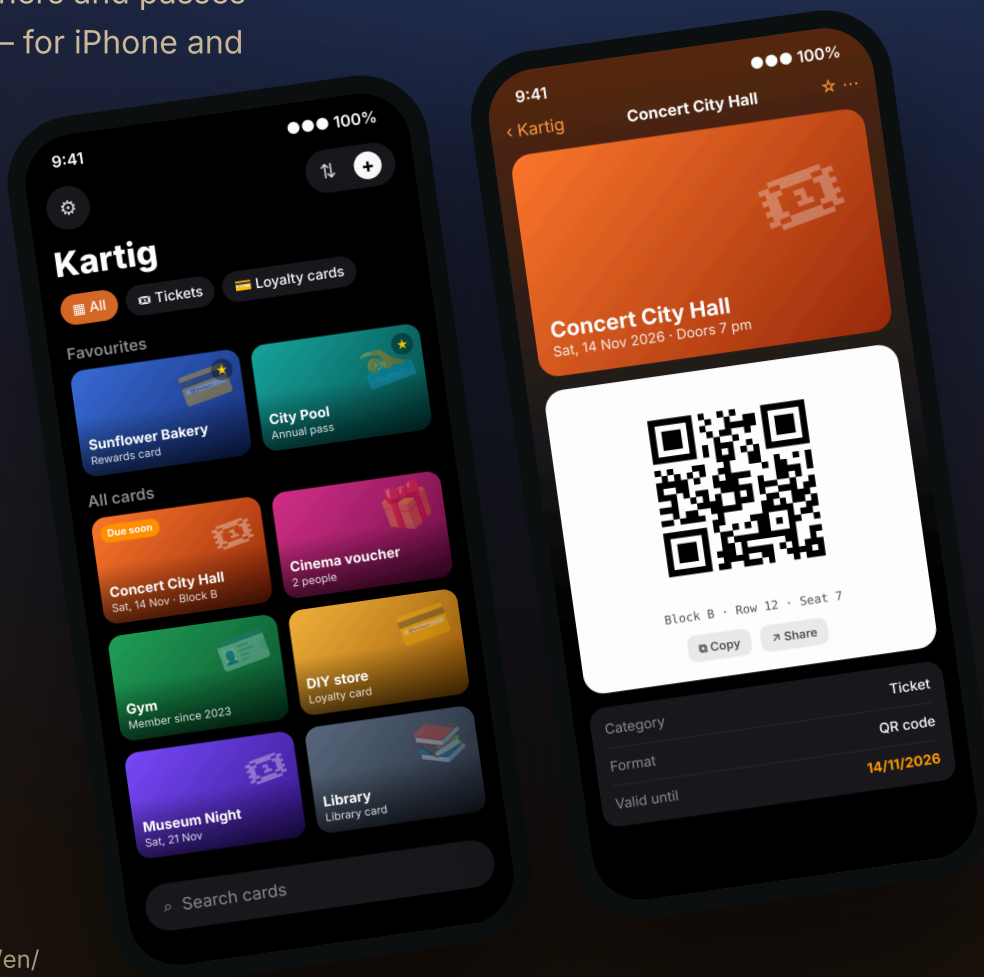
NEEDFUL THINGX · USER GUIDE

Kartig

All your cards. One place.

Tickets, loyalty cards, vouchers and passes with a QR code or barcode – for iPhone and Apple Watch.



Version 1.2 · needfulthingx.de/kartig/en/

WELCOME

Glad to have you here.

Kartig keeps every card with a QR code or barcode in one place: the concert ticket from your email, the loyalty card from your wallet, the voucher saved as a screenshot. Each card gets a picture you recognise at a glance – and at the checkout, Kartig shows the code large and bright so every scanner can read it.

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CHAPTER 1

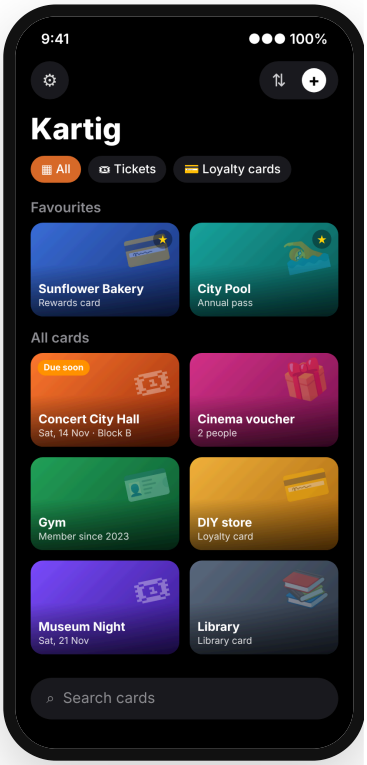
At a glance

The overview shows all your cards as tiles in credit-card format.

- **Gear** at the top left – opens Settings.
- **Arrows ⇅** at the top right – sort order and “Show expired”.
- **＋** at the top right – add a new card.
- **Filter bar** below the title – show just one category, e.g. **Tickets**.
- **Favourites** have their own section at the very top.
- **Nearby** also appears when you are at one of your saved places (chapter 6).
- **Search field** at the bottom – searches titles, issuers, notes and numbers.

Tap a tile to open the card with its code.

> **Labels on the tiles:** “Due soon” (orange) appears seven days before the expiry date, “Expired” (red) afterwards. Expired cards fade and move to the end.



The overview

CHAPTER 2

Adding cards

Tap + at the top right. There are five ways – choose the one that suits your card.

Scan code

1. Choose **Scan code**. The first time, iOS asks for camera access.
2. Hold the code inside the frame. In dim light, the **torch** at the top right helps.
3. Kartig recognises the code, vibrates briefly and opens the new card. Enter a title, choose a picture if you like, then tap **Save**.

Photograph card

Ideal for plastic cards: **Photograph card** takes a photo. Kartig looks for the code in it **and** uses the photo as the card picture – two steps in one.

From Photos (screenshot)

For tickets you have as an image – such as a screenshot from an email or app. Kartig searches the image for codes. If it contains several, you pick the right one from a list.

Import file

Import file (PDF, Wallet ...) reads files from the Files app, iCloud Drive or a Downloads folder:

- **PDF tickets** – the first ten pages are searched for codes; the first page becomes the card picture.
- **Wallet files (.pkpass)** – code, title, issuer, colour, logo, date, extra details and saved locations are taken over.
- **Images** – just like “From Photos”.
- **Kartig backups** – see chapter 8.

> **Straight from Mail:** In Mail, press and hold the attachment (PDF, image or .pkpass), tap **Share** and choose **Kartig**. The card is created right away.

Create manually

Only have a customer number on paper? Choose **Create manually**, set the **Format** and type in the number. The preview shows the code immediately. For EAN and UPC codes, Kartig adds the check digit automatically.

Supported formats

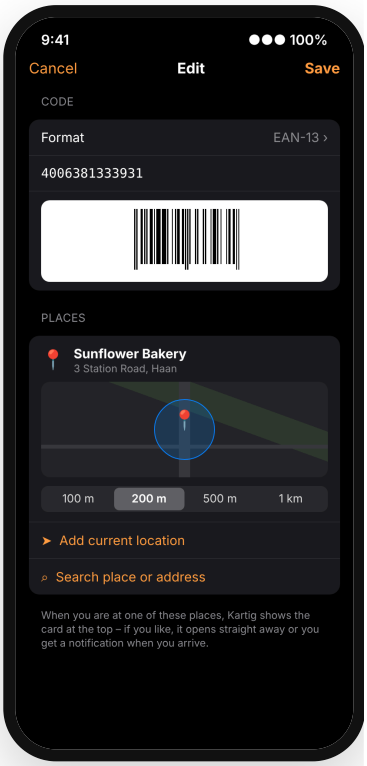
Format	Typical use	Input when creating
QR code	Tickets, links, apps	any text
Aztec	Train and flight tickets	any text
PDF417	Boarding passes, ID cards	any text
Code 128	Loyalty cards, shipping	letters and digits
Code 39	Membership cards, libraries	A–Z, 0–9, - . $ / + % space
EAN-13 / EAN-8	Retail loyalty cards	12–13 or 7–8 digits
UPC-A / UPC-E	Loyalty cards (mainly USA)	11–12 or 7–8 digits
ITF (2 of 5)	Logistics, some loyalty cards	digits only
Codabar	Libraries, blood donation	digits and - $: / . +
Number / text only	Cards without a code	the number is shown in large type

Data Matrix and Code 93 are recognised when scanning and importing. Because iOS cannot draw these formats itself, Kartig shows a cut-out of the original image for them.

CHAPTER 3

Editing a card

New cards open directly in the edit screen. To edit an existing card, use ··· › **Edit** or press and hold its tile.



Editing with code and place

Picture and colour

At the top you see a preview of the tile. Use **Photos** or **Camera** to choose a picture – a photo of the card, a logo or the event poster. Without a picture, the tile shows the **Card colour** with the category symbol.

General

- **Title** – required, e.g. “Concert City Hall”.
- **Issuer / shop** – shown below the title.
- **Category** – Ticket, Loyalty card, Membership, Voucher, Travel ticket or Other.
- **Favourite** – the card appears at the top of the overview.

Code

Here you can **Scan** the code again at any time, take it **From photo** or from a **File**, change the format or correct the content by hand. Under **Displayed number** you can optionally enter a more readable number that appears below the code.

Validity

Valid from and **Valid until / event day** set time periods. Kartig uses them for “Due soon” and “Expired” and can sort by expiry date.

Places and notes

Under **Places** you save where you need the card (chapter 6). **Notes** has room for a seat, PIN or other details – they are included in the search.

Finally, tap **Save** at the top right.

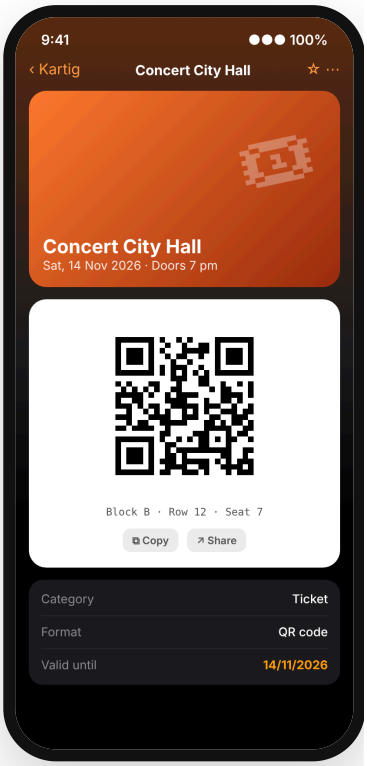
CHAPTER 4

Showing a card

Tap a card in the overview. Kartig shows the code large on a white background and turns the screen brightness up to 100 %. When you go back, the previous brightness is restored. **Swipe left or right** to move to the next card – in the same order as in the overview.

- **Landscape & large** – shows barcodes across the whole screen. Ideal for checkout scanners that struggle with narrow codes. Tap to close.
- **Copy** – copies the content of the code to the clipboard, e.g. for an online shop.
- ☆ at the top right – favourite on or off.
- ··· – Edit, Share code as image, Share content as text, Share as Kartig file, Delete.

> **Scanner won't read it?** Hold the phone a little further away and keep it still – for barcodes, “Landscape & large” almost always helps.



A ticket

Passing on a card

With ··· › **Share as Kartig file** you send a card with all its data, picture, code and places as a file – via AirDrop, Messages, Mail or messengers such as Threema and WhatsApp. The recipient taps the file, chooses **Share** › **Kartig**, checks the card and taps **Save**. Favourites and usage counts stay with you.

CHAPTER 5

Sorting and finding

Categories

The filter bar below the title only shows categories you actually use. Tap once to filter, tap again to clear the filter.

Sort order

Via ⇅: Recently used, Name, Expiry date or Newest first. This is also where you hide expired cards.

Search

Finds titles, issuers, notes and numbers – handy when all you remember is the customer number.

Press and hold

A menu opens on the tile: Favourite, Edit, Duplicate and Delete.

CHAPTER 6

The right card in the right place

Save the places where you need a card – the supermarket, the gym, the stadium or every branch of a chain. When you are there, the right card is ready straight away.

Adding a place

1. Edit the card and scroll to the **Places** section.
2. **Add current location** if you are there right now – or **Search place or address** to find a shop via Apple Maps.
3. Choose the **Radius**: 100 m, 200 m, 500 m or 1 km. For a shop in town, 100–200 m is enough; for a stadium, 500 m is better.
4. **Save**. Add further branches the same way. To delete a place, swipe it to the left.

What happens then

Under **Settings** › **Places** you decide how Kartig responds:

Setting	Effect
Show nearby cards at the top	When you open Kartig, a “Nearby” section appears at the very top with the matching card and its distance. Pull the list down to refresh your location. (On by default.)
Open nearby card directly	If exactly one card matches, Kartig opens it straight away – once per visit.
Notify on arrival	iOS notifies you as soon as you reach a saved place. Tap the notification to open the card.

> **Good to know:** iOS monitors at most 20 places per app for notifications. Kartig chooses favourites and frequently used cards first. “Nearby” and the widget, on the other hand, take all places into account. Expired cards are never suggested.

All Kartig needs is location access **“While Using the App”**. Your places are compared with your location only on the device.

CHAPTER 7

Widget and Apple Watch

With the Kartig widget, your card is right on the Home Screen or Lock Screen – no need to look for the app.

Adding the widget

1. On the Home Screen, press and hold an empty area until the icons jiggle.
2. Tap **Edit** › **Add Widget** at the top left and search for **Kartig**.
3. Choose a size and tap **Add Widget**.

Size	Content
Small	Card picture with title
Medium	Card picture and code side by side
Large	Large code – can often be scanned straight from the widget
Lock Screen	Name and place, as an icon or a line of text

Which card appears? Without further setup, the widget chooses automatically: first the card for the place you are at, otherwise your most used favourite, otherwise the most recently used card. To pick a fixed card, press and hold the widget and tap **Edit Widget** › **Card**. Tapping the widget opens the card in Kartig.

Kartig on Apple Watch

If your iPhone is paired with an Apple Watch, install Kartig there using the Watch app on your iPhone (**My Watch** › **Kartig** › **Install**). Your iPhone then transfers your cards automatically – including every change.

- **Code in the notification:** When you reach a saved place, the watch vibrates. Raise your wrist and the notification shows the code right away – no tapping needed.
- **Opening a card:** Tap the notification to see the card full screen on a white background. Tap once to turn barcodes sideways.
- **Watch app:** shows “Nearby”, your favourites and all cards.
- **Complication:** Press and hold the watch face › **Edit** › choose **Kartig**. It shows the nearby card or your favourite.

> **Good to know:** iOS only forwards notifications to the watch while the iPhone is locked – which is nearly always the case in your pocket. Most scanners read QR and Aztec codes well from the watch. Long barcodes don't work at every checkout – show your iPhone instead.

CHAPTER 8

Settings, security and backup

Language

Kartig is available in German and English. By default it follows your iPhone's language. Under Settings › **Language** you can choose German or English manually – the widget and Apple Watch switch too.

App lock with Face ID

Under Settings › **Security**, turn on **Protect with Face ID** (Touch ID or passcode, depending on your device). Kartig then asks you to unlock every time you open it and locks again as soon as the app goes into the background.

Full brightness

Under **Display** you can turn off the automatic brightness boost when showing a card – we recommend leaving it on.

Backup

Your cards are stored only on this device, so make a backup from time to time:

1. Settings › Export backup.
2. Choose a location, e.g. iCloud Drive. This creates a file ending in **.kartig** – with all cards, pictures, codes and places.

To restore – on a new iPhone, for example – choose **Import backup** or simply open the file in the Files app. Cards that already exist are not added twice.

CHAPTER 9

Privacy

Only on your device
All cards, pictures and codes are stored locally. Needful ThingX runs no server.

No account, no tracking
No sign-in, no advertising, no analytics, no sharing with third parties.

Camera and photos
Only with your permission. Code recognition runs on the device. Photos and files are only read when you select them.

Location
Only compared with your places on the device. For place search and addresses, Kartig uses Apple's map services.

The full privacy policy is available at needfulthingx.de/datenschutz.html and in the app under Settings › About Kartig.

CHAPTER 10

Questions and tips

How do I get a card from Apple Wallet into Kartig?

Apple doesn't allow apps to read Wallet directly. Open the card in Wallet, tap ··· › **Share** and choose **Kartig** or **Save to Files**. Even easier: open the original email attachment (.pkpass) with “Share › Kartig”.

The scanner doesn't recognise my code.

Turn on the torch for more light, don't hold the code too close and keep the iPhone steady. Alternatively, take a photo with **Photograph card** – or type in the number with **Create manually**.

My code looks different from the original.

That's normal: Kartig redraws the code pin-sharp. What matters is the content, not the look. If in doubt, check under Edit that the right **Format** is selected.

“Nearby” doesn't appear.

- Does the card have a place saved, and has it not expired?
- Is **Show nearby cards at the top** turned on?
- Is Kartig allowed to use your location? iOS Settings › Kartig › Location › “While Using the App”.
- Choose a slightly larger radius – indoors, positioning is less accurate.

The widget says “No cards yet”.

Open Kartig once – the app passes your cards to the widget when it starts.

How much does Kartig cost?

Kartig is a one-off purchase of €2.99 (or the equivalent in your country). No subscription, no in-app purchases, no advertising. All updates are included, and with Apple Family Sharing one purchase covers the whole family.

> **Questions, wishes, found a bug?** Write to frank@needfulthingx.de – every message is read.

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