

Custom QR Tickets

Configure your spreadsheet

Open this tool: leadai.itforall.org/qr-ticket-generator.php

Any source, your headings

Use either Google Form submissions or an ordinary spreadsheet with headings in row 1 and records from row 2. The generic mode does not require fixed columns, adult/child categories, a timestamp, or a Form. Keep your own headings and column order.

1. Paste your header row

Optionally copy row 1 from Google Sheets into Paste your header row. Tab-separated headings or one heading per line are supported. They become field suggestions and allow the generator to check that your mappings exist. The generated script checks the actual Sheet again during setup.

2. Map basic fields

Enter the exact sheet tab name and event title. Map the attendee name heading. Map a phone heading if you want WhatsApp links, or leave it blank. Enter a default country code and the event details to show on tickets.

3. Define ticket categories

Enter one category per line as Display label | Quantity heading. Example: Standard | Seats; VIP | VIP Seats. Use separate lines, not semicolons. Up to six categories are supported, with unique labels and quantity headings. For one ticket per person, add a source column containing 1. Use explicit 0 for categories not booked.

4. Choose extra ticket information

Optionally list exact headings, one per line, for fields such as Organisation, Seat Number or Session. These values appear on the private ticket page. Anyone holding the link can view them: exclude financial secrets, internal notes and sensitive personal data.

5. Generate and review

Generate, copy or download the complete Apps Script. Invalid, duplicate or missing mapped headings produce an error. This mode prepares QR ticket links and manual WhatsApp sharing; it does not send email or WhatsApp automatically.

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Install, approve and share

1. Back up and install

Use a new test Sheet/project when replacing the older fixed-column coupon workflow. There is no automatic migration of old ticket IDs or journals. In the chosen Sheet open Extensions > Apps Script. Install only one ticket script, with one onOpen and one doGet. The ticket HTML is embedded; no additional HTML file is needed.

2. Create tracking columns

Save and reload the Sheet. Choose LeadAI Tickets > Setup ticket columns. The script appends eight LeadAI tracking columns after your current data and creates LeadAI Ticket Journal. Original columns remain unchanged. Conflicting existing tracking columns cause setup to stop.

3. Deploy

Deploy as a Web App, executing as yourself. Allow Anyone access if your Google account permits it. Copy the deployed /exec URL, not /dev. Choose Set deployed web app URL in the Sheet menu. Test it in a signed-out browser.

4. Import rows

Choose Import new rows / refresh after new Form submissions or manually added records. Rows with a blank attendee name are skipped. New records receive a ticket ID and PENDING status. There is no automatic import trigger in this mode.

5. Approve deliberately

Select one data row and choose Approve selected ticket. Verify payment or eligibility separately and confirm the quantities. Approval snapshots the category quantities, then creates LeadAI Pass Link and, when phone is configured and valid, LeadAI WhatsApp Link. Changing a source quantity later does not silently change approved entitlement.

6. Share

Open the pass link or WhatsApp link. Check the recipient and message, then send manually. QR images use QuickChart, which receives the private ticket URL. Scanning a ticket does not itself redeem it. Protect the Sheet and script; only organisers should have edit access.

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Redeem, maintain and troubleshoot

Volunteer access

Use Create / reset volunteer PIN to assign an ID and exactly four digits. Leading zeros are allowed. PINs are salted and hashed; five failed attempts lock the ID for 15 minutes. Use Revoke volunteer access after duty ends. Volunteers need the ticket link and credentials, not Sheet edit access.

Redeem any category

Scan or open the ticket, expand Volunteer check-in and enter the quantities to redeem in each category. Partial redemption is supported. The journal records the operation and rejects over-redemption. Retry the same request after an uncertain response; inspect the journal before starting a different request.

Suspend and adjust

Suspend selected ticket blocks access without deleting history. An organiser may deliberately reapprove updated source quantities, but cannot reduce them below quantities already redeemed. Never delete journal rows to reset a pass. Used and remaining JSON arrays follow the configured category order.

Headings and layout

Source columns may be reordered because headings identify them. Do not rename mapped headings, change categories or reorder categories after issuance. The saved configuration signature blocks incompatible changes. Use a new Sheet/project for a different category structure. Missing or duplicate headings must be corrected before processing.

Updates and errors

Publish changes to an existing generic deployment as a new version at the same URL. Preserve its Script Properties, ticket columns and journal. A missing journal requires backup restoration. Review LeadAI Last Error and Apps Script Executions. Pending/suspended tickets are intentionally blocked. A text pass link still works if its QR image fails to load.

Email-pass alternative

The separate Email passes mode retains its own configurable aliases, single quantity and staff PIN flow. Install it in a separate Sheet/project. It can send email after approval; SENT means Google accepted the send, not guaranteed inbox delivery. Do not mix modes in one Apps Script project.

Launch checklist and reference

Test your own mapped headings, a partial redemption, wrong PIN, repeated request, full redemption and suspension in your Google account before issuing real tickets. Deployment reference:

<https://developers.google.com/apps-script/guides/web>