VT / generation 24 — User manual

Library: `src/lib2/vt/24/`
Edition: 2026-11-18, source/document review (documentation only)
Qualification: Owner-reported historical VT24 test-client emulator behavior exists; versioned `lib2` native source parity/admission remained open in the catalog.

What this member does

24x80 viewer with writable/read-only RAM, ROM and selectable-ROM bindings and semantic selection/transfer events.

Public interfaces

Entry point or group	Inputs, outputs and behavior
`VT24_BIND_RAM / VT24_BIND_RO`	Bind writable or read-only RAM canvas.
`VT24_BIND_ROM / VT24_BIND_RSEL`	Bind ordinary ROM or selectable-ROM example/document canvas.
`VT24_VIEW / VT24_OPEN / VT24_OPEN_AT`	Display document; optionally resume or focus selected row.
`EXE / :c events`	Selectable-ROM mode may report selection to caller; caller decides action.
`:t export behavior`	Historical VT24 test sent 1,968 bytes (24 x 80 plus CRLF), but transport integration belongs to the consumer.

How to integrate

Follow `VT24_ORIGINAL_MANUAL.md` controls; include only `vt.inc` from this generation (and compatible dependencies) rather than mixing versions. Choose a binding mode, open view, dispatch EXE/:c as app events, and independently verify transfer framing.

Composition sketch (not an independently assembled client):

```
#INCLUDE (lib2/vt/24/vt.inc)
; Supply the dependencies, RAM, bank context and symbols described above.
        CAL     VT24_BIND_RAM
```

Environment, dependencies and memory

24x80 source, 4x32 window, consumer-owned keyboard, LCD and RS232C adapter/bank binding; source contains model-specific UI assumptions.

Limits and evidence

Historical user manual is tied to the VT24 TEST01 demonstrator; its FK labels are not universal application behavior. Do not treat unverified `lib2` migration as universally accepted.

This documentation does not introduce a new build or runtime PASS. Source equivalence, native assembler parity, emulator execution and physical-machine evidence remain distinct.

Actual source and further reference

- This exact member folder in Google Drive
- Source modules: `vt.inc`.
- Further contracts/source notes: README.md, VT24_ORIGINAL_MANUAL.md. These may include dated donor paths or older acceptance statements.
- For a new consumer, pin exact source files and hashes, verify full include closure, inspect register/bank/resource conflicts and test the resulting application on each claimed target.

Praeteritum ad futurum servamus.