FloDee Keyboard & Mouse Manual (Codebase Verified)

This manual is the definitive reference for every keyboard shortcut, mouse chord, scroll action, and backdoor gesture implemented in FloDee, verified directly against the source code.

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1. Global System Hooks

These hooks are active everywhere in Windows, regardless of which app has focus.

- **Double-tap Left Ctrl:** Open/Close FloDee (if enabled in Settings).
- **Double-tap Ctrl+Alt+F:** Open/Close FloDee.
- **Ctrl+Alt+` (backtick):** Open/Close FloDee (on by default; Settings › Inputs can switch it off).
- **Double-tap Esc:** Instantly dismisses all FloDee panels and detached windows. (Exception: a detached Input Visualizer stays on screen — it's deliberately independent of FloDee's open/close.)
- **Ctrl + Alt + Esc:** Escape hatch for the Open Apps tile menu's **Always on Top / Click-Through / Window Opacity** overrides — instantly puts every window you changed back to normal, all at once. Always on, no setup. (A full-screen window that is topmost *and* click-through can't be clicked or closed any other way.) Also in the tray menu and the Command Palette as "Undo Topmost / Click-Through".
- **F1:** Contextual help for the panel currently under your cursor.
- **Hover + hold Shift:** Instantly expand any control's tooltip from its short label to the full detailed description, **and copy that description to the clipboard** (the tooltip confirms with "✓ Copied to clipboard"). Only the deliberate Shift gesture copies — a tooltip that expands on its own never touches the clipboard. (Tooltips otherwise

expand after an adjustable dwell — Settings › Panels › Tooltip Expand Delay, default 8 seconds, or "Only when Shift is pressed" to never auto-expand.)

- **Laptop hotkey:** A customizable single-key trigger (defaults to ScrollLock, off until enabled in Settings) to Open/Close FloDee, which only fires if no modifiers are held.
- **Mouse Wheel Tilt Right:** Open/Close FloDee — ships as a default binding; rebind or remove it in the Keybind Editor.
- **Any mouse button combination:** Hold any set of mouse buttons together to record it as a custom chord in the Keybind Editor — except combinations that include the plain Left, Right, or Middle click, which are never recordable (a stuck or phantom button would turn such a chord into a trigger on every ordinary click). Ctrl/Alt/Shift/Win modifiers can be combined with any button, chord, or wheel binding — including modifier + Left/Right/Middle click for every action **except** Open/Close FloDee, which can never ride the Left, Right, or Middle button in any form. (The old built-in middle-click summons — double-middle-click and the Hold Left/Right + click Middle chords — were removed entirely: they had to consume middle clicks system-wide to work, so rapid middle-clicking lost clicks.)
- **XButton1 / XButton2:** Open/Close FloDee using mouse side buttons. These ship as default bindings — rebind or remove them in the Keybind Editor if you'd rather keep the side buttons purely for browser Back/Forward. The press is not swallowed — the app under your cursor still receives it too (e.g. a browser still navigates Back/Forward).
- **XButton3-13 (Mouse 6-16):** FloDee reads these directly from your mouse's HID reports (not through Windows' normal mouse APIs, which are hard-capped at 5 buttons) and can bind any of them like any other button — settable as the Toggle Hotkey in Settings › Inputs, or recorded in the Keybind Editor. This is best-effort: whether a button beyond 5 is visible at all, and which physical button maps to which number, depends entirely on your mouse's own firmware — many gaming mice instead route buttons 6+ through vendor macro software before FloDee (or Windows) ever sees them, in which case they arrive as ordinary keyboard shortcuts and record as key combos instead.
- **Hot Corners:** Bump your cursor into any screen corner (within 10px of the corner, held ~¼ second) to open FloDee. Works on every monitor's corners. **Off by default** — enable in Settings › Inputs ("Enable Hot Corners").

How the Open/Close gestures really behave: every gesture above is a *summon*. If FloDee is hidden, it opens at your cursor. If it's already open and your cursor is somewhere else,

the same gesture pulls the Floater to your cursor instead of closing it. Pressing it with the cursor on the Floater dot itself (or over an Open Apps tile) is what closes FloDee.

Phantom-press protection (automatic): if a *mouse* gesture bound to any FloDee action fires 6+ times within 20 seconds, FloDee asks whether that's really you — a loose tilt wheel or a mouse driver's remap misfiring can spray phantom presses that make FloDee appear and vanish uncontrollably. You can mute that one gesture for the rest of the session; the binding itself is never changed, and everything is back to normal after a restart. Keyboard gestures are never affected.

Flee guard (automatic, silent): separately, FloDee watches the *symptom* — the dot relocating to the cursor or flashing open-then-closed faster than a person can press (repeats a few milliseconds apart, four of them within 5 seconds). Since 2026-09-01 it heals this at the source: a blink-fast open→close flip is simply dropped so the dot stays under your cursor, and the event is written to the diagnostic log. Nothing is paused, no notice is shown, and no gesture is ever disabled by it.

Game Mode: While a fullscreen game is running (or an app listed in Settings › Inputs › Game Mode is active, or the tray menu's " 🎮 Game Mode" is checked), every gesture above is suspended **except** double-tap Ctrl+Alt+F, Ctrl+Alt+`, and the Laptop Hotkey — the deliberate chords that can't fire accidentally mid-game. Summoning FloDee with one of them pauses the suspension until FloDee is hidden again.

2. The Floater Dot

The central anchor for all standard panels.

- **Left-Click & Drag:** Move the dot. Attached panels follow smoothly.
- **Quick Left-Click (no drag):** Toggles Show Desktop. (If FloDee is in Dormant Mode, this awakens it instead).
- **Alt + Left-Click:** Toggle "Lock Open". The Floater stays visible even when your mouse leaves.
- **Alt + 1 + Left-Click:** Instantly load the Desktop settings backup.
- **Middle-Click:** Opens the Windows Start Menu.
- **Right-Click:** Opens FloDee's Context Menu. *(Note: Middle and Right click actions can be swapped in Settings).*

- **Right-Click + Drag:** Create a **VNote** — a quick visual sticky note (see section 11).
- **Scroll Wheel (over the dot):** Cycle through your open windows. The highlight steps through the Open Apps panel's icons in exactly the order they're shown on the panel, and the highlighted window is brought to the front a moment (~0.3s) after you stop scrolling.
- **Mouse Enter / Leave:** Cancels or starts the auto-close timer.

(Every press and every wheel notch on the dot flashes it straight away — see "Click Ack Blink" in the Settings Manual. The flash is painted before the action itself runs, so it shows even when Windows is the thing stalling, and stays lit until the action goes through.)

3. Open Apps Panel (Task Icons)

Controls for live window manipulation.

- **Left-Click:** Bring the application to the front or restore it.
- **Ctrl + Left-Click & Drag: Move** the tile to a different Oapps panel. (Ctrl only starts the drag if more than one Oapps panel exists.)
- **Alt + Left-Click & Drag: Copy** the tile to a different Oapps panel — the app then shows in both panels. (Alt always starts the drag.)
- **Right-Click:** Maximize the window. A second right-click restores it to its previous size.
- **Ctrl + Right-Click:** Opens FloDee's per-window options menu for that tile — 📌 Pin Preview (pins the window's live preview into its own floating window, with a confirming toast), Always on Top, Click-Through (Ignore Clicks), Window Opacity (all three are re-applied every 0.4 s until you turn them off, so apps like Firefox that reset their own window styles can't drop them — e.g. set a reference picture topmost + click-through + 50% opacity and trace it straight onto Paint; an "Undo Topmost / Click-Through on ALL windows" item appears here while any override is active, and Ctrl+Alt+Esc does the same from anywhere; every time Always on Top or Click-Through is switched on, or opacity is changed while one of them is on, a notification states what the window now does, why it could trap you, and all the ways out), Attach/Unattach from Floater, Stop Flashing (while flashing), Hide Task, Add to / Exclude from User Apps (Add grays out as "✓ Already in User Apps" once pinned; for browser windows it becomes "Add Current Page to User Apps" and pins the page you're viewing), terminals in the app's REAL folder (see the super-power note below),

Explorer tab list, and Live Preview (eligible apps). This is the only way to open it — a plain right-click maximizes/restores instead.

> ⚡ ***Instant terminals — everywhere (a FloDee super power):*** *anything FloDee shows you can open a terminal exactly where that thing really lives.* ***Ctrl+Right-Click a window tile in Open Apps*** *→ terminal in the app's real install folder (an Explorer window opens in the folder it's showing).* ***Right-click a User Apps icon*** *or* ***any file/folder in a Files panel*** *→ terminal at its real location.* ***Right-click a Files panel's background*** *→ terminal in the folder the panel is currently showing. Four flavors everywhere: PowerShell / Command Prompt, normal or Admin. And shortcuts never fool it — a* `.Lnk` *(even a link pointing at another link) is followed to where the exe actually resides, and the terminal opens* ***there****. * **Hold Right + Click Left:** Minimize the window if it's shown; restore it if minimized. * **Hold Left + Click Right:** Pull the window instantly to your mouse cursor. Doing it again sends it back to its original location. * **Middle-Click:** Gently close the app (sends* `WM_CLOSE`*). The tile turns red while the close is pending and clears when the window is actually gone. If the app doesn't close within 1.5 seconds, FloDee force-kills it. Windows running as administrator can't be closed by FloDee at all (FloDee itself runs unelevated) — the tile briefly turns red, then clears with a "Couldn't close window" notification. The same applies to any window that survives the close for any other reason (e.g. some Store/UWP apps whose windows are owned by a shared host process): its red tile clears automatically within 5 seconds with the same notification, so a tile can never stay stuck red. * **Double-Click Middle:** Force-kill the process immediately. * **XButton1 / XButton2 (over panel):** Open/Close FloDee (hides it if visible, opens it if not). Only while the side buttons are bound to Open/Close FloDee — which is the default; deleting those bindings in the Keybind Editor disables this too. * **Hover:** Show the live DWM thumbnail preview. * **Alt + Scroll Wheel (while hovering icon):** Resize the window proportionally (up to enlarge, down to shrink). Centered on its current position. * **Ctrl + Scroll Wheel (on panel background):** Zoom the tile icon size globally.*

4. Preview Panel (Hovering an App)

Interactions with the live DWM thumbnail pop-up.

- **Scroll Wheel:** Zoom the live thumbnail in and out.
- **Drag an edge or corner:** Resize the preview box itself — grabbers sit on all four sides and corners. This works the same on the primary Open Apps panel's preview and on the preview of every added Open Apps panel, attached or detached (their box can also be resized with the scroll wheel while hovering the app's icon). Moving the mouse from the icon onto the preview keeps it open so you can zoom, pan or resize it.
- **Left-Click & Drag:** Pan around the cropped view (if zoomed in).
- **Middle-Click:** Dismiss the preview. It stays hidden while the mouse remains where you dismissed it; move the cursor away (~50px) and hover again and it shows normally — it is not blocked for the rest of the session.
- **Mouse Enter:** Move your mouse onto the preview to keep it open indefinitely.
- **Right-Click:** Preview menu — 📌 Pin in Place (locks it visible/topmost at its position), Per-Icon Zoom/Pan Memory, Aspect (Source / 16:9 / Custom), Opacity, Hide Until Next Hover.

5. Files Panel

File explorer interactions.

- **Single Left-Click:** Open the folder or launch the file (Ctrl/Shift-click still multi-selects without launching).
- **Hover (any item):** Tooltip appears instantly (no delay). Hovering an image or video file shows a preview thumbnail right in the tooltip — the picture itself, or the video's frame preview (same one Explorer shows) — plus the file's name, size, date, and full path.
- **Middle-Click (on file/folder):** Open the item AND anchor its window to the Floater — folders open as pinned Explorer windows; files pin whatever window their app opens.
- **Right-Click (on item):** Open the standard Windows shell context menu.
- **Right-Click (on empty space):** Open the panel's view/sort/terminal context menu.
- **Drag item out:** Initiate a file drag (Move/Copy).

- **Drag item in:** Move files into the current folder (Hold **Ctrl** while dropping to Copy instead).
- **Ctrl + Scroll Wheel:** Cycle through view modes (Extra Small to Details).
- **◀ / ▶ Buttons:** Step backward or forward through folder history.
- 🖥 **Button:** Jump to "This PC" (Drive list).

6. User Apps

Customizable quick-launch bar and folder shortcuts.

- **Left-Click (App/File):** Launch the app or open the file.
- **Left-Click (Folder):** Highlights the icon and locks the Files panel open on that folder — no Explorer window opens. Left-click the highlighted folder again to unlock it (normal hover/hide behavior returns). The lock is only released that way, or by closing the Files panel.
- **Double Left-Click (Folder):** Open the folder in Explorer anchored to the FloDee dot — the window travels with it. The folder stays locked.
- **Ctrl + Left-Click & Drag:** Reorganize items within the panel.
- **Drag & Drop (from outside):** Add a file, folder, or executable to the panel.
- **Right-Click (Folder):** Locks the Files panel on the folder and opens it in Windows File Explorer (acts when the button is released; no menu).
- **Hold Right + Left-Click (Folder):** Context menu — Open in File Explorer, Open in Explorer Anchored to FloDee, Open as Files Panel (Own Window), Open as Files Panel (Follows FloDee), Change Icon, Reset Icon to Default (shown only when a custom icon is set), 🗑 Remove from Panel, and ⚡ Open PowerShell / Command Prompt (+ Admin) at the folder's location.
- **Right-Click (App/File):** Open context menu — 🛡 Run as Administrator (launchable types only — .exe, .lnk, .bat, .cmd, .com, .msi, .msc; triggers a UAC prompt), Change Icon, Reset Icon to Default (shown only when a custom icon is set), or 🗑 Remove from Panel. Shell locations (This PC, Recycle Bin, etc.) also get an "Open in File Explorer" entry.
- **Middle-Click (Folder):** Open the folder in Windows Explorer as a normal, free-standing window.

- **Double Middle-Click (Folder):** Open the folder in Explorer anchored to the FloDee dot (same as a double left-click).
- **Ctrl + Double Middle-Click (any item):** Remove the item from the panel (undoable via Undo Last FloDee Operation).
- **Drop files, folders or shortcuts on the panel:** Add them as icons (undoable via Undo Last FloDee Operation).
- **Drop a link from a browser:** Add it as a web shortcut. If Settings › Panels › Fetch Site Icons for Web Links is on (it is off by default), FloDee then asks that site, once, for its own icon.
- **Hover (Folder):** Temporarily preview its contents in the attached Files panel.
- **Ctrl + Scroll Wheel (on panel background):** Resize all User Apps icons.
- **Ctrl + Scroll Wheel (while hovering a folder):** Resize the opened Files panel dimensions instead.

7. Notepad Panel

- **Ctrl+F:** Open inline search. (Enter cycles to next match, Esc closes search).
- **Ctrl+B / Ctrl+I:** Bold / Italic formatting.
- **A+ / A− toolbar buttons:** Increase or decrease editor font size by 1pt per click (6–36pt). *(There is no Ctrl+Plus/Minus keyboard binding for this.)*

7a. Clipboard History Panel

- **Click an entry:** Select it and copy it back to the clipboard (an image copies back as a picture).
- **Ctrl+Click:** Add/remove an entry from the selection. **Shift+Click:** Extend the selection. **Ctrl+A / ☑ All:** Select everything shown. **Esc:** Clear the selection.
- 📋 **Copy / Enter:** Copy the selection back — several texts join line by line; a single image copies as a picture.
- 📌 **Pin (toolbar) /** 📍 📌 **(row):** Pin/unpin the selection or one entry (pinned entries are kept forever, shown first, don't count against the limit — 100 by default, 10–1000 in Settings › Capture › Clipboard Panel Keeps).

- **✕ Delete / Delete key / ✕ (row):** Remove the selection or one entry. **Search box:** filter the history.
- **Hover an image row:** Larger preview.

7b. Volume Mixer Panel

- **App slider:** Set that app's volume (0–100%). 🔊 **/** 🔇 **:** mute/unmute that app.
- **Master (device) row:** Controls the whole output device.

8. Messenger Panel

- **Enter:** Send the message immediately (single-line input).
- **Right-click a message in the history: Copy** (the selected text, or the whole message when nothing is selected), **Select All**, and **Copy whole conversation** — every message currently shown for that contact, as plain text.
- **Right-click the message box: Cut**, **Copy**, **Paste**, **Select All**. Paste flattens line breaks, since the box is single-line.
- **Ctrl+C on a message in the history:** Copies that whole message when nothing is selected; with a selection it copies just the selection.
- **Ctrl+X / Ctrl+C / Ctrl+V in the message box:** Work as normal. FloDee only steps in if Windows' own clipboard commands have disabled themselves, so a paste never lands twice.
- **Peer button (top-left):** Choose who you're messaging, or a group-send mode — Checked Contacts, Everyone in Address Book, or Everyone on Local Network.
- 🎤**:** Toggle voice dictation. 📎**:** Attach files or a folder (click again to add more — everything staged is sent together).
- **Drop files or folders on the panel:** Attach them, same as 📎 (a folder is zipped); they go out with the next message.
- 📷 **/** 🎥**:** Capture a screenshot region or record your screen; the result is attached to your message automatically.
- ✉**:** Send the typed message and any attachments to this contact's configured email address instead of (or in addition to) the P2P network.

9. Input Visualizer Panel

- **Right-click (panel):** Menu with Show Mouse / Show Keyboard toggles and Reset Zoom.
- **Button-mapping tools:** with a remapper active (Logi Options+, Razer Synapse, X-Mouse…), the visualizer shows what the tool sends to Windows, which may not be the physical button pressed — a note under the diagram says so (hidden when the mouse overlay is hidden).

9a. Magnifier Panel

A live magnified view of your actual desktop (all monitors).

- **Scroll Wheel:** Zoom in/out toward the cursor — the point under the cursor stays put, same feel as the preview panel's scroll-to-zoom.
- **Left-Click & Drag:** Pan the magnified view ("grab and drag").
- **Right-Click:** Menu — **Smooth Scaling** (checkable, on by default: high-quality interpolation of the zoomed image instead of hard pixel blocks; turn off to see exact pixel boundaries), **Reset Zoom**, **Center on Cursor** (skipped if the cursor is over the magnifier itself, to avoid a self-capture hall-of-mirrors), and 📋 **Copy Color Here** (copies the exact hex color of the pixel under wherever you right-clicked — read straight from the captured bitmap, so it's exact at any zoom level and unaffected by Smooth Scaling).

10. OBS Control Panel

Remote-controls OBS Studio via its built-in WebSocket server (OBS: Tools → WebSocket Server Settings, protocol v5). Add one from the Floater's ➕ Add Panel submenu (Add OBS Control), Settings › Panels, or 🛠 Tools → 🎚 Add OBS Panel.

Status & Control: * ⏺ **Record / ⏸ Pause buttons:** Start, stop, pause, or resume OBS recording. Live recording timecode and filename preview shown in the activity line ("⏺ REC filename"); the Record button itself turns red while recording. (The ◉ status dot near the title bar reflects the *connection* to OBS — gray/yellow/green — not recording state.) * 📡 **Stream button:** Start or stop streaming. Live stream timecode shown in the activity line

(" 📡 LIVE 00:00:00"); the Stream button itself changes color while live. * ⟲ **Replay / 💾 Save buttons:** Run OBS's replay buffer (countdown timer displays as "⟲ Buffer Xs" in activity line) and save clips from it. * 🎥 **VirtCam button:** Toggle the OBS Virtual Camera on/off.

Scene & Transition Management: * **Scene buttons (⭐ favorites pinned at top):** Click any scene name to switch to it — while Studio Mode is off this goes live immediately; while it's on, this queues the scene as Preview (shown with amber background) instead. * **Right-Click (scene button):** Toggle a scene as a favorite (⭐) — pinned favorite scenes always appear first in the list. * 🎭 **Studio button:** Toggle OBS's Studio Mode on/off (queues a scene as Preview before going live). * ⇄ **Transition button (Studio Mode only):** Push the queued Preview scene live. A countdown timer ("⇄ Transition Xs") displays in the activity line during the transition.

Quality & Performance: * 🎬 **High / ⚙ Balanced / ϟ Low buttons:** One-click encoder quality presets (6000 kbps / 4500 kbps / 2000 kbps bitrate respectively) — instantly change OBS's output encoder bitrate.

Sources & Filters: * **Source group buttons (◉ Group Name):** Click to flip each source in that group between shown/hidden (each source's own current state is toggled independently, so a mixed-state group won't necessarily end up uniformly on or off in one click). Right-click any source to tag/untag it into existing groups or create a new group. * **Scene thumbnails:** Every scene button shows a small snapshot tile of that scene (fetched when the scene list loads); the live scene's tile updates continuously by sharing the Live Preview's frames. * **Per-source 🌐 button (Browser sources):** Refresh that browser source in OBS (reload webpage). * **Per-source 👁/🚫 button:** Show or hide that source in the current scene without switching scenes. * **Per-source 🛠 button:** Open a flyout listing that source's filters — click any filter to toggle it on/off (color correction, chroma key, noise gate, blur, etc.).

Audio: * **Audio section — 🔊/🔇 button:** Mute or unmute that audio source (microphone, desktop audio, aux input, etc.). * **Audio section — volume slider:** Set that source's volume live. It's a cubic fader like OBS's own (mid-slider is a moderate cut, not half-loudness), topping out at OBS's 0 dB ceiling. * **Audio section — 📊 meter bar:** Real-time peak-level display on OBS's dB scale (-60 to 0) with OBS's own mixer colors (green healthy, yellow above -20 dB, red above -9 dB) — the same scale OBS's meters use, so normal speech reads around two-thirds up the bar in green. * **Audio section — ± button:** Opens a gain popup (-30 to +30 dB) for that input — the way to boost a quiet mic beyond

the volume slider's ceiling, or tame a hot one. Implemented as a standard "Gain" filter on the input, so it also appears in OBS's own Filters dialog and persists with your OBS profile.

Media: * **Media section — ▶/⏸ button:** Play or pause that media source (OBS's Media Source, which is the `ffmpeg_source` kind, or a VLC Video Source). * **Media section — ⟲ button:** Restart that media source from the beginning.

Text & Overlays: * **Text section:** Pick a text source (`text_gdiplus_v2` or `text_ft2_source_v2`) from the dropdown, edit its content in the textbox, then click "Update Text" (or press Enter) to push it live to OBS — ideal for "Now Playing / Up Next" overlays, game scores, timers, etc.

Hotkeys: * **Hotkey buttons (dynamic grid):** One-click trigger for any OBS hotkey. The grid auto-populates with every hotkey you define in OBS's Hotkeys tab — click any button to fire that hotkey remotely.

Utility: * **Screenshot button:** Save a still of the current program scene straight to your Pictures folder as `FloDee_OBS_Screenshot_<timestamp>.png`. * 🚀 **Marker button (enabled while recording):** Drop a chapter marker at the current recording timecode. Embedded into the file itself when OBS records Hybrid MP4 (OBS 30.2+); always appended to a `<recording filename>.chapters.txt` sidecar beside the recording, so markers work in every format. The button flashes "✓ Marker N" as a receipt — the recording is never interrupted. * ⏱️ **Auto-stop button:** Arm a minutes countdown that stops the recording automatically (checked every 2 seconds). Shows "⏱ 10m" and stays highlighted while armed; applies to the current recording (countdown from when you arm it) and any later ones until you click it again to disarm. Resets when FloDee exits. * **Profile / Scene Collection dropdowns:** Switch OBS's entire Profile (output/device/encoder settings) or Scene Collection (a whole separate set of scenes and sources) from FloDee.

Monitoring: * **Activity line:** Displays recording state + filename, stream timecode, auto-stop countdown ("⏱ stop in 4:32"), transition countdown, and replay buffer countdown (e.g., "REC MyVideo.mp4 · LIVE 00:05:12 · ⇄ Transition 1s · ⟲ Buffer 42s"). * **Last-recording strip (🎬):** After an OBS recording stops, a strip under the live preview shows the finished file's name with ▶ Review (opens in FloDee's own video popup; external player if the file isn't on this machine), ✏ Rename (keeps the extension; the `.chapters.txt` sidecar and capture history follow), 📂 Open folder, and 📋 Copy path buttons. Local files are also added to FloDee's capture history. The title-bar right-click menu's **After Recording** submenu can additionally auto-open the folder in Explorer and/or show it in a FloDee Files panel the moment a recording finishes. * 📺 **YT Live button:** Points OBS at YouTube (RTMPS ingest + your saved stream key) and starts streaming, after a confirmation prompt.

The key is set via the title-bar right-click menu → **YouTube Stream Key…** — it's your personal stream key from YouTube Studio (Go Live → Stream settings), stored encrypted in local settings and sent only to your own OBS; no Google API or account login is involved. * **Stats line:** Live telemetry — fps, CPU%, render skips, stream bitrate (kbps) + dropped-frame % (turns orange if >2% dropped), and free disk space while recording (accurate only when OBS runs on the same machine as FloDee).

Connection: * **🎛 button (status row, top of panel):** Opens MixSaviour — save/recall named profiles of the entire Windows audio mix (the same tool as Tools → MixSaviour); handy right before going live. * **Right-Click (title bar):** OBS Connection Settings (host / port / password), Reconnect button, Auto-Connect toggle, Show Live Preview toggle (the live program-output thumbnail at the top of the panel — updates ~1x/second, pauses while the panel is hidden), After Recording submenu (auto-open in Explorer / FloDee Files panel), YouTube Stream Key…, OBS Snapshots submenu (save the current scene + mixer volumes/mutes + source visibility + Studio Mode + profile/collection under a name; recall, overwrite, or delete any saved snapshot — recall re-applies everything to OBS, skipping inputs/sources that no longer exist). Once connection details are saved, the panel auto-reconnects every 5 seconds when OBS isn't reachable, so it comes alive the moment you launch OBS.

11. VNote (Visual Sticky Note)

A screenshot snippet you slap on top of your screen super quick, and get rid of just as quick. Never saved to disk — it exists only while it's on screen.

- **Right-Click + Drag (on the Floater):** Start a VNote — the region selector appears (Esc or right-click cancels, **F** captures the full screen, same as all captures).
- **After selecting:** the snippet pops up beside the Floater as a topmost note with a small title bar, sized to about a quarter of the monitor.
- **Drag the title bar (or the image while unzoomed):** Move it wherever you want.
- **Scroll Wheel (over the image):** Zoom into the snippet at the cursor — same feel as the hover preview panel.
- **Left-Click & Drag (while zoomed):** Pan around the zoomed snippet.
- **Middle-Click:** Reset the zoom back to the whole snippet.
- **Edges & corners:** Resize grabbers on all four corners and edges.

- **Right-Click (anywhere on the note) or the title bar's ⨯:** Close and dispose of it instantly.

12. Panel Management (Any Panel)

- **Drag Title Bar:** Move the panel — it keeps its new position relative to the Floater (dragging does *not* detach it; use the right-click menu's "Detach from FloDee" for a free-floating window).
- **Right-Click Title Bar:** Open the panel context menu with the following options:
- **Rename Panel...** — Rename this panel.
- **Auto-Fit to Icons** — Auto-resize to fit contents.
- **Show Icons / Show Tooltips / Long Tooltips / Show Labels** — Toggle display options.
- **Hide Panel** — Hide without deleting.
- 🎨 **Panel Color Manager** — Customize this panel's color (requires color differentiation enabled in Settings › Appearance). Quick access without opening Settings.
- 🔒 **Password Protection** — Protect this panel's content with an individual or shared group password.
- **Detach from FloDee (Float on Screen)** — Detach into an independent window.
- **Remove This Panel** — Delete the panel permanently.
- **Panel-type-specific options** — Varies by panel type (Sort Icons for User, Columns for Oapps, etc.).
- **Detached panels add:** Lock Position, Top-most.
- **Resize Grips:** Click and drag edges/corners to manually resize the panel.
- **Submenu flow:** submenus open the normal way, each level to the right. Optional: Settings → Panels → "Alternate Submenu Sides" makes every context menu open its fly-outs on alternating sides per level (first level toward the side set by "Submenus Start Left", then back the other way, and so on), so the mouse barely moves while walking a menu tree. Off by default since 2026-09-24.

13. Screen Region Selector (Capture)

- **Left-Click & Drag:** Draw the rectangular capture region.
- **Esc or Right-Click:** Cancel without capturing.
- **F:** Auto-select the entire virtual screen boundaries (works for both screenshots and screen recordings).
- **Record Mouse Pointer (Record Region menu toggle):** when checked, the mouse pointer is drawn into the recording's frames so viewers can follow your cursor.
- **⏱ Start Timer (submenu in the Capture Region, Record Region (GIF), Record Video, and Capture Text (OCR) menus):** Off (default) / 3 / 5 / 10 / 15 / 30 seconds / 1 minute. After you draw the region, a small countdown pill counts down before the capture is taken or the recording starts. One shared setting for all four actions (also honored when they fire from a keybind or the Command Palette). Choosing an option leaves the menu open so you can set the timer and then click Exclude/Include FloDee (or Capture Text Now) in the same visit.
- **Countdown pill (while the Start Timer runs): Left-drag** moves it; **✕ Cancel, Esc, or Right-Click** aborts the capture/recording. The pill closes itself just before the capture so it never appears in the result.

Caption prompt (after a capture, if enabled in Settings › Capture): * **Enter:** Save with the typed caption appended to the filename. **Esc:** skip instantly (still saved, no caption). "More options" escalates to the full Share window (email/SMS/watermark).

Recording pill (while a recording is running): A small topmost "● Recording…" pill with elapsed time appears near the top of the recorded region. * **Left-Click & Drag:** Move the pill out of the way. * **■ Stop button, Esc, or Right-Click:** Stop the recording.

13a. File Shelf

Open it from the Main Anchor Menu's 🛠 Tools menu (top-level — the menu ends Tools → Settings → Exit). * **Drag files onto the Floater:** Stage them on the File Shelf (a floating drop-zone window). * **Drag a shelf item out:** Standard file drag — the drop target decides Move vs Copy. * **Right-click a shelf item:** Open it. **✕:** remove from shelf. **Esc:** close the shelf.

13b. Panel Color Differentiation

Assign distinct colors to your panels so they're easier to tell apart at a glance.

Quick Access: * **Right-Click any panel title bar → 🎨 Panel Color Manager:** Opens the color customization window without leaving your work.

Modes (Settings › Appearance › Panel Color Differentiation): * **Off:** Color differentiation disabled (default). * **Unique color per panel:** Each dynamic panel gets its own distinct color. * **One color per panel type:** All Notepad panels share one color, all Files panels share another, etc. * **Custom groups:** You define custom groups and assign panels to them; each group gets its own color.

Color Styles: * **Solid Color:** Each panel/type/group gets a flat solid color. * **Gradient:** Two-color gradient with direction (Horizontal / Vertical / Diagonal). * **Image:** Custom image as background.

Panel Color Manager Window (🎨 Manage Colors... button): * **Click a color swatch:** Edit that panel/type/group's color. * **👥 Members button (Groups mode only):** Assign which panels belong to this group. * **🗑 button (Groups mode only):** Delete the group. * **🔀 Regenerate Colors button:** Clear all custom assignments and auto-generate new colors evenly spaced across the spectrum. * **+ New Group button (Groups mode only):** Create a new panel group.

13c. Panel Password Protection

Password-protect any dynamic panel's content — useful for keeping a Notepad, Files panel, or anything else private on a shared computer.

Quick Access: * **Right-click any panel title bar → 🔒 Password Protection:** Opens the protection submenu for that panel.

Options: * **No Password:** Removes protection from this panel. * **Individual Password...:** Prompts for (and confirms) a new password used only by this one panel. * **Use Group Password → (group name):** Protects this panel with a password shared by every panel assigned to that group. Each panel still tracks its own unlock state — entering the password unlocks only the panel you unlocked it on. * **Use Group Password → Manage Groups...:** Opens the Panel Password Manager. * **Re-lock When Panel is Hidden:** Off by default — unlocking lasts for the rest of the FloDee session (until restart). Turn on to require the password again every time the panel is hidden and reshown. * **Lock Now:** Immediately re-locks a currently-unlocked panel.

What locking looks like: A locked panel shows a 🔒 overlay in place of its content — the title bar and right-click menu still work, so you can always get back in. Click the overlay or its Unlock button to enter the password.

Panel Password Manager Window (Manage Groups... button): * **+ New Group button:** Create a new named, color-coded password group (prompts for a name, then a password). * **Click a color swatch:** Change that group's color. * 🔑 **Password button:** Change that group's shared password. * ✏️ **button:** Rename the group (every panel assigned to it follows the rename automatically). * 🗑 **button:** Delete the group (any panels using it become unprotected).

Security note: Passwords are never stored in plain text — only a salted one-way hash (the same standard practice used for real account passwords), so they can't be recovered even by someone reading your settings.json file directly.

13d. Color Picker & Screen Eyedropper

Open the Color Picker from the 🛠 Tools menu. Its **Pick from Screen** eyedropper covers every monitor with a crosshair overlay and a live magnified swatch + hex readout that follows the cursor. (It samples from a snapshot taken the instant the eyedropper opened, not the live desktop.)

- **Left-Click:** Confirm the pick — the color under the cursor is loaded into the picker.
- **Esc or Right-Click:** Cancel without picking.
- **In the picker window:** Click any palette/saved swatch to load that color (hover a swatch for its hex tooltip).

13e. Grep (File-Content Search)

Open from the 🛠 Tools menu. Searches file contents across a folder tree.

- **Enter (in the search fields):** Run the search.
- **Double-Click a result row:** Open that file at the matched line — tries VS Code (then VS Code Insiders), then Notepad++ for a true jump-to-line, falling back to the file's default app (no line jump; the status bar says which happened).

- **Click / Shift+Click / Ctrl+Click / Ctrl+A (in results):** Select one, a range, several, or all result rows.
- **Ctrl+C (in results):** Copy the selected result lines to the clipboard (right-click also offers Copy, Copy All Results, and Copy File Path).
- **Ctrl+Mouse Wheel (over results):** Grow/shrink the results text (the A− / A+ buttons do the same).
- **Word Wrap checkbox:** Wrap long result lines instead of scrolling sideways.
- **Verbose checkbox:** On (default) shows folder names and results live while searching; turn it **off** for maximum speed on big searches — results then appear all at once when the search finishes.

14. Settings Window

- **Right Shift + Middle-Click (on the 'Help' tab):** Bypasses the save dialog and instantly exports current settings to `default_settings.json` next to the executable.

15. Emergency Recovery Gestures

Failsafe hooks built to bypass a corrupted or inaccessible Settings UI. These must be executed globally.

- **~ (Tilde) + Middle-click:** Open a file picker to load any saved FloDee settings `.json` (the current settings are backed up to `.bak` first).
- **Ctrl+~ (Tilde) + Middle-click:** Save the current settings *and* workspace to the Quickset profile.
- **Ctrl+1 + Middle-click:** Reload the saved Quickset profile (settings + workspace).
- **Ctrl+2 + Middle-click:** Save the current settings as the Factory Defaults file (`default_settings.json` next to FloDee.exe — used as the baseline for Reset to Defaults and new installs).

16. Custom Keybind Editor

FloDee features a dedicated keybind editor (accessible via the Floater right-click menu or Settings) where you can map entirely custom keyboard shortcuts, mouse buttons, mouse wheel scrolls, or mouse chords to any of the following built-in actions. These custom binds are **additive** — the standard hardcoded gestures listed above continue to work regardless of what you add here.

Conflicts: If a combo ends up bound to more than one action — or a custom binding lands on a built-in gesture — the editor shows a conflict resolver at the top naming each collision, with Keep this one / Re-record… / Remove buttons per binding and an **Auto-Resolve All** button (keeps the first custom binding of each pair, removes the duplicates; a custom binding colliding with a built-in gesture is removed because the built-in always wins). It stays until every conflict is resolved.

Mappable Actions: * **Open / Close FloDee:** Opens FloDee if it's closed, or closes it if it's already open. * **Close Everything Now:** Instantly closes the Floater and every panel, same as double-tapping Esc. * **Toggle Lock Open:** Keeps FloDee visible indefinitely until toggled off again. * **Toggle Dormant Floater:** Keeps the floater dot visible but hides all panels. * **Toggle Anchor Panels:** Locks/unlocks whether panels can be dragged to a new position. * **Capture Region:** Drag a rubber-band rectangle to capture part of the screen as a PNG. Honors the menu's ⏱ Start Timer delay (section 13). * **Record Region (GIF):** Drag a rubber-band rectangle to record an animated GIF. Honors the ⏱ Start Timer delay. * **Record Video:** Drag a rubber-band rectangle to record a video (honors the ⏱ Start Timer delay — the countdown runs after the audio permission prompt) — MP4 (H.264/HEVC) or WMV per the Capture settings, using Windows' built-in encoders. Records an audio track too — the region selector shows a **"Record audio" dropdown** right on screen (No audio / System audio (what you hear) / any microphone), so you can see and change the source before every recording; the choice persists to Settings › Capture › Record Audio (a specific mic also becomes the shared preferred input device), and the first recording with each source asks your permission once. * **Panel title bar - mouse wheel / double-click (Saved Home Positions):** Plain mouse wheel over any panel's title bar steps through your Saved Home Positions (whole-layout arrangements of every panel's size and position); double-click a title bar flips between Home 1 and the last one used. Mouse-only, no keyboard shortcut is added; Ctrl+wheel is still the icon zoom, and single-click drag still moves/detaches the panel. * **Load Settings Backup:** Loads `FloDee_Settings_Backup.json` from the Desktop, if present. * **Startup Layout:** Puts every panel back to the size/position it had when FloDee started. * **Force Close All Windows:** Immediately terminates every open window (possible data loss) — asks for confirmation first. * **Pull Window to Mouse:** Pulls the active window to your mouse cursor and maximizes it on that monitor. Hold **Alt** while triggering to size it to the configured percentage instead. Press again to re-pull to wherever the mouse is now.

* **Push Window Back:** Pushes the active window — if it's currently pulled — back to its original position, size, and minimized/maximized state. * **Repeat Last Operation:** Re-runs whichever of these actions fired most recently. * **Undo Last FloDee Operation:** Reverses the most recent FloDee operation — panel delete/move/resize/rename/detach, shortcut removal or reorder, hidden task icon, workspace apply, or a Settings-window visit. (Notepad text keeps its own Ctrl+Z.) * **Redo Last FloDee Operation:** Does again the operation that Undo just reversed. Anything new you do in between empties the redo list. Both Undo and Redo are also in the Floater menu. (Applying a workspace is redone by undoing its undo.) * **Suggested keys (Keybind Editor):** The green chips under each action are ideas, not bindings — click one to bind it. * **Open Settings:** Opens the Settings window, or brings the existing one to the front (only one ever exists). * **Text Snippets:** Opens a picker of your saved snippets — choose one and it's typed into the app you were in. * **Screen Ruler:** Crosshair overlay with live cursor X/Y, the color under the cursor, and drag-to-measure distances (0.1px precision, physical pixels). Releasing a drag-measurement automatically copies its length (plus Δx, Δy, and angle) to the clipboard — no key needed. **Plain Left-Click (no drag):** instantly copy the color hex under the cursor. **C:** also copies the color hex. **U:** cycle the measurement unit — Pixels → Metric (cm) → Imperial (in) — also settable in Settings › Capture › Screen Ruler › Measurement Units. Metric/Imperial conversion uses your primary monitor's reported physical size by default, which many monitors misreport; enter a manual value in Settings › Capture › Screen Ruler › Pixels per Inch for accurate real-world measurements. **X:** cycle the crosshair through Off → Raster XOR (snapshot invert) → DirectX XOR (live-desktop invert via Desktop Duplication — experimental, GPU-dependent; falls back to Raster if capture can't start). **G:** toggle the tick marks/lines on/off (the pixel-coordinate numbers on major ticks are a separate toggle, in Settings › Capture › Screen Ruler › Show Tick Numbers, on by default — there's no keyboard shortcut for it). **Esc or Right-Click:** close the ruler. * **Fitts's Law Overlay:** Toggles the waste notice (Tools › 📉 Fitts's Law Overlay, or a keybind). By default it is invisible; right after a trip to the taskbar, Start menu, Task View, an Alt+Tab, a reach for a window's own Close, Minimize or Maximize button, a double-click on its title bar to maximize it, or opening File Explorer while that folder was already in a FloDee panel, a card appears beside the cursor and fades a few seconds later (FittsFlashSeconds). **It only appears when FloDee really would have been the shorter way round** — if the cursor was already sitting on the button, going to FloDee would have been the longer move, so nothing is shown and nothing is counted. Its headline is what FloDee could have saved you this session, in seconds and cursor travel, and the card shows what that trip cost against the same target in FloDee — that window's real Open Apps tile (its actual offset from the Floater and icon size), or the average User Apps slot for a launch, plus 0.15 s for the summon gesture — both worked out side by side, and adds the difference. Your first click arms it; after that the

working is typeset line by line with the live numbers: **Δx, Δy**, **$D = \sqrt{(\Delta x^2 + \Delta y^2)}$**, **W** (the target's width along your path, from UI Automation, 32 px fallback), **$ID = \log_2(2D/W)$** (classic Fitts; Shannon's $\log_2(1 + D/W)$ is a setting), **$T = a + b \cdot \log_2(2D/W)$** (a 0.050 s, b 0.150 s/bit). Formula and text fonts and the text size are settings. The measured **t** counts only while the mouse is moving; a pause longer than 150 ms is shown as "paused, not counted". Alt+Tab is costed as H + Tabs·K (0.40 s + 0.20 s per Tab press) or its real duration, whichever is larger. Setting **FittsShowMode = Always** switches to the live teaching panel that follows the cursor with the working under it and dims after 2.5 idle seconds. Pick the menu item again to close. Session-only unless you switch the history on (below). * **Fitts's Law Insights…:** Opens a window (Tools › 📈 Fitts's Law Insights…, or a keybind) with a legend for every symbol in the formula and, with **Keep a local history** (ticked by default), graphs of the last 30 days: seconds and cursor travel FloDee could have saved per day, Windows-way actions (taskbar, Start, Task View, Alt+Tab, window corner, File Explorer) against FloDee clicks, cumulative cursor travel, and the programs you keep reaching for the long way with a suggestion for each. The history is **on by default**; it keeps per-day counts, seconds and program names only — never window titles, positions or anything you type — in `%AppData%\FloDee\fitts_history.json`, which the same window can show, clear or delete. Nothing is ever sent anywhere. * **Snap Window to Zone:** Show snap zones over the current monitor; click one to make the active window fill it. Esc or right-click dismisses the zones without snapping. * **Copy Item Under Cursor:** Hover any FloDee icon or list row and press this bind to copy what it points at — a User Apps shortcut's full path, a file or folder's full path, an open window's program path. Falls back to the item's tooltip text when it isn't a path. A toast confirms what was copied. * **Capture Text (OCR):** Drag a rubber-band rectangle — the text inside it is copied to the clipboard (Windows' built-in local OCR). Honors the ⏱ Start Timer delay. * **Voice to Text** *(speech to text — lives in the 🛠 Tools menu)*: Starts listening immediately — speak, and your words are typed into a small window (with a live mic level meter) and copied to the clipboard as each phrase is recognized. Two engines (Settings › Capture › Speech Engine): **FloDee** (default) — fully local, works offline, no audio recorded, modest accuracy (depends heavily on mic quality/placement, the computer's audio hardware/drivers, and on speaking loudly and clearly); or **Windows Voice Typing** — much more accurate, but Microsoft's online service: needs internet + Windows' "Online speech recognition" permission, always the default mic, Microsoft's widget appears (FloDee never records or transmits anything either way; switching shows the full warning). Periods are added automatically after ~2 s of post-phrase silence or when the dictation ends (spoken punctuation and hand-edits are respected; FloDee engine only — Windows Voice Typing punctuates itself). The window has a **Mic dropdown** to switch input devices on the spot (FloDee engine only — your dictated text is kept across the switch; the same device is used by Record Video's Microphone audio, and the ⚙ button still jumps to

Settings › Capture, which also has optional auto-stop on silence, max dictation time, and a spoken stop phrase — all off by default; the stop phrase works on both engines). If no sound reaches FloDee for a few seconds, the window says so and points at the likely cause (muted mic, or a silent virtual VR device set as Windows default). * **Command Palette:** Opens a type-to-find box at your cursor matching open windows, User Apps shortcuts, FloDee actions, workspaces, and recent captures — type a few letters, Enter runs the top match (Up/Down to choose, Esc to close). * **Undo Topmost / Click-Through:** Puts every window changed from the Open Apps tile menu back to normal (Always on Top off, Click-Through off, Opacity restored). Ctrl+Alt+Esc always does this with no binding; this action just adds another trigger. * **Pin Preview:** Pins the preview that's currently showing into its own floating window — same as the preview's right-click → 📌 Pin in Place, but without moving the mouse to the preview panel (handy as a mouse chord while hovering an Open Apps icon). A toast confirms what was pinned; if no preview is showing, a toast says so instead. * **Rotate Deskspaces Across Monitors:** Per-monitor Deskspaces mode only — shifts every monitor's deskspace one monitor to the right (wrapping around); icons re-flow into their new monitor and each monitor's wallpaper follows its space. The space landing on the Floater's monitor becomes the active one. No default binding.

FloDee is AI-free. The FloDee application contains no AI models, no AI features or functions, and connects to no AI service. The "AI Models Used for Safety & Quality Control" note in the Help/Settings windows and on flodeeapp.com refers only to tools that reviewed FloDee's source code during development*, like an outside code reviewer; none of that is inside the program you install. Voice typing and Capture Text (OCR) are performed by Windows' own built-in features on your machine.*