

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.

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.
- **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.)
- **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. (Tooltips otherwise expand on their own 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.
- **Mouse Chords (Hold Left + click Middle, or Hold Right + click Middle):** Open/Close FloDee.

- **Any mouse button combination:** Hold any set of mouse buttons together to record it as a custom chord in the Keybind Editor — and Ctrl/Alt/Shift/Win modifiers can be combined with any button, chord, or wheel binding (including modifier + Left/Right click).
- **Double-click Middle:** Open/Close FloDee.
- **XButton1 / XButton2:** Open/Close FloDee using mouse side buttons.
- **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 a designated screen corner (within 10px of the corner, briefly) to open FloDee. Enabled by default.

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).
- **Mouse Enter / Leave:** Cancels or starts the auto-close timer.

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, or Alt + Left-Click, & Drag:** Drag the tile to move it to a different Oapps panel on another monitor. (Ctrl only starts the drag if more than one Oapps panel exists; Alt always starts it.)
- **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 — Always on Top, Click-Through (Ignore Clicks), Window Opacity, Attach/Unattach from Floater, Stop Flashing (while flashing), Hide Task, Add to / Exclude from User Apps, terminals in the app's folder, Explorer tab list, and Live Preview (eligible apps). This is the only way to open it — a plain right-click maximizes/restores instead.
- **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`). If the app doesn't close within 1.5 seconds, FloDee force-kills it.
- **Double-Click Middle:** Force-kill the process immediately.
- **XButton1 / XButton2 (over panel):** Open/Close FloDee (hides it if visible, opens it if not).
- **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.
- **Left-Click & Drag:** Pan around the cropped view (if zoomed in).

- **Middle-Click:** Dismiss the preview. Hovering the same task icon again immediately shows it again — this doesn't block it for the rest of the session.
- **Mouse Enter:** Move your mouse onto the preview to keep it open indefinitely.
- **Right-Click:** Preview menu — Detach Preview (Float on Screen),  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).
- **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:** Launch the app or drill down into the folder's contents.
- **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):** Detach the folder into its own independent window panel.

- **Double Right-Click (Folder):** Permanently anchor the folder to the FloDee dot.
- **Right-Click (App/File):** Open context menu to Change Icon, Reset Icon, Remove from Panel, or Open in Explorer.
- **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 — the window travels with it.
- **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:** Copy it back to the clipboard.
-  /  **button:** Pin/unpin (pinned entries are kept forever, shown first).
-  **button:** Remove the entry. **Search box:** filter the history.

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.
- **Toolbar buttons:** Voice dictation, attach files, screenshot, screen recording.

9. Input Visualizer Panel

- **Right-click (panel):** Menu with Show Mouse / Show Keyboard toggles and Reset Zoom.

10. OBS Control Panel

Remote-controls OBS Studio via its built-in WebSocket server (OBS: Tools → WebSocket Server Settings, protocol v5).

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** /  **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. * **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 (0–100%). * **Audio section — 📊 green meter bar:** Real-time visual peak-level display for that audio input (green bar shows loudness).

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`. * **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, transition countdown, and replay buffer countdown (e.g., "REC MyVideo.mp4 · LIVE 00:05:12 · ⏪ Transition 1s · ⏸ Buffer 42s"). * **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: * **Right-Click (title bar):** OBS Connection Settings (host / port / password), Reconnect button, Auto-Connect toggle. 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, sized to about a quarter of the monitor.
- **Left-Click & Drag (anywhere on the note):** Move it wherever you want.
- **Edges & corners:** Resize grabbers on all four corners and edges.
- **Right-Click (anywhere on the note):** Close and dispose of it instantly.

12. Panel Management (Any Panel)

- **Drag Title Bar:** Detach the panel into a free-floating window.
- **Right-Click Title Bar:** Open the panel context menu — Rename Panel..., Auto-Fit to Icons, Show Icons / Show Tooltips / Long Tooltips / Show Labels toggles, Hide Panel, Detach from FloDee, Remove This Panel, plus panel-type-specific items; detached panels add Lock Position and Top-most.
- **Resize Grips:** Click and drag edges/corners to manually resize the panel.
- **Submenu flow:** every context menu opens its submenus on alternating sides per level (first level toward your chosen side — Settings → Panels → "Submenus Start Left" — then back the other way, and so on), so the mouse barely moves while walking a menu tree.

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.

13a. File Shelf

- **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. **X:** remove from shelf. **Esc:** close the shelf.

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.

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. * **Record Region (GIF):** Drag a rubber-band rectangle to record an animated GIF. * **Record Video:** Drag a rubber-band rectangle to record a video — MP4 (H.264/HEVC) or WMV per the Capture settings, using Windows' built-in encoders. Video only, no audio. * **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.) * **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). **C:** copy the color hex under the cursor. **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:** close the ruler. * **Snap Window to Zone:** Show snap zones over the current monitor; click one to make the active window fill it. * **Capture Text (OCR):** Drag a rubber-band rectangle — the text inside

it is copied to the clipboard (Windows' built-in local OCR). * **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).