



MFD Displays are to have up to two rows of MFD buttons. Inner row is primary and may be internally mapped to keyboard shortcuts, voice commands, and similar. All MFD buttons must have label indicators separate from main display framebuffer. Outer row is only to be used if needed to accommodate legacy controls.

All MFD controls, except physical brightness/contrast controls, must be also selectable through menus managed through HOTAS controls, unless these are required to precisely duplicate legacy controls.

MFD framebuffer is to be multilayer. Top layer is vector lines/text with optional bright line dark outline styling. Second layer is synthetic vision or moving map. Third layer is standard (UNIX/X11/Wayland) desktop. Bottom layer is sensor (camera, telepresence) display. Top layers may manage lower layers.

Multiple separate display designator icons are to be supported, usually shown outside the framebuffer area. Green diamond with center dot and green borders around framebuffer area are reserved for HOTAS control of selected sensor. White grid is reserved for indication that a keyboard/mouse is connected to the display (direction of a specific keyboard/mouse is established by mechanical switch with tactile feedback). Orange 'X' or dot/light indicates active HOTAS control of relevant tool/vehicle. Red 'X' or dot/light indicates active HOTAS limiter/autopilot override.