

Modes and Screens at a Glance

DynaPath WinDelta CNC Mill Control · Operator Quick Guide

The control works by mode, and the active mode always shows in the top-left of the screen. On D1/D5 consoles press **MODE** for the home screen, then the hotkey or touch the button. On D2/D6 consoles use the rotary mode dial plus the screen keys. [4.8]



Home screen: press MODE, then the hotkey [Fig. 4.8-1]

Home screen hotkeys Manual 4.8

Key	Screen	Use it for
0	JOG	Manual moves with jog keys, MPG or incremental jog; spindle and panel functions
1	AUTO	Running stored programs (single block, MPG run, retrace)
3	CONVERSATIONAL	Building programs from events, without writing G-code
5	SET UP	Tool offset and ATC tables, tool length measurement, tool changes
6	OFFSET	Work offsets G54-G59 and align functions
8	SEND/RECEIVE	Copying programs to/from USB or a network folder
9	MDI	Typing and running a few lines of G-code
H	HOME	Homing the axes to set machine coordinates
F	FILE MANAGER	Opening, creating and activating programs
G	GRAPHICS	Simulating the active program
R	DRO	MPG-based manual / semi-auto work
S	SYSTEM	Parameters, alarm messages, diagnostics, software info

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Coordinate displays Manual 4.9

Display	What it is
MAC Machine	Set by homing. The base for every other coordinate system.
REL Relative	Zero it anywhere to measure distances during manual work.
ABS Absolute	What programs run in. Its zero is the active work offset (G54–G59).

NOTE ABS position = MAC position – external offset – active work offset. After every RESET the active work offset returns to G54. [4.10]

The quick guides

Guide	Covers
1	Start-up, homing and shutdown
2	Manual moves, spindle and MDI
3	Setting tool lengths
4	Setting work offsets (part zero)
5	Loading and running a program
6	Programming basics: conversational, G-codes and M-codes
7	E-stop, over-travel and alarms