

ESRI® ArcPad® 7.1

Quick Reference



GPS POSITION WINDOW



SATELLITE SKYPLOT

Shows the almanac of which satellites should be available.

Black: Available and used for calculating the GPS position

Blue: Available but not used

Red: Unavailable

Tap the Satellite Skyplot to display the Signal Chart.

HDOP: Horizontal Dilution of Precision
 VDOP: Vertical Dilution of Precision
 TDOP: Time Dilution of Precision
 HPE: Estimated Horizontal Position Error
 VPE: Estimated Vertical Position Error
 EPE: Estimated Position Error
 SATS: Satellites used in solution
 DAGE: Differential data age
 DSID: Differential reference station ID



SIGNAL CHART

Shows a bar chart of the relative signal strength of the satellites in the almanac. A **red** bar indicates the satellite is unavailable.

Tap the Signal Chart to display the Compass.



COMPASS

Shows the GPS direction with a black arrow and direction to destination in **red**.

GPS POSITION COORDINATES

Tap and hold the coordinate display to change the coordinate system:

Map Projection

DMS (ddd°mm'ss.sss")

DMM (ddd°mm.mmmm')

DD (dd.dddddddd°)

UTM (Universal Transverse Mercator)

WGS84 DMS (ddd°mm'ss.sss")

WGS84 DMM (ddd°mm.mmmm')

WGS84 DD (dd.dddddddd°)

MGRS (Military Grid Reference System)

GPS MODE

NOFIX: No position

2D: x,y position

3D: x,y,z position

DGPS 2D/3D: Real-time Differential GPS

SBAS 2D/3D: Real-time Differential GPS from a Satellite-Based Augmentation System such as WAAS

RTK fix/flt: Real-Time Kinematic fixed or float solution

PPS 2D/3D: Precise Positioning Service

ELEVATION

Tap and hold the elevation display to change units:

Altitude (meters or feet)

Depth (meters or feet)

NAVIGATION INFORMATION

SOG: Speed Over Ground

Tap and hold the COG display to change the reference:

TCOG: True North Course Over Ground

MCOG: Magnetic North Course Over Ground

DST: Distance to destination

BRG: Bearing to destination

POSITION MEASURE OF QUALITY

Tap and hold the display to change the measure:

PDOP: Position Dilution of Precision

MAIN TOOLBAR

	Open Map	Open an ArcPad® Map (a file with a .apm extension).
	Save Map	Save the current ArcPad Map.
	Add Layer	Add one or more layers to the current map.
	Table of Contents	Open the Table of Contents dialog box.
	GPS Position Window	Open or close the GPS Position Window.
	Tools	Open the ArcPad Options dialog box.
	Quick Reference Help	Open the ArcPad Quick Reference.

OPEN MAP DROP-DOWN LIST

	New	Display a submenu for creating a new QuickProject, map, shapefile, QuickForm, graphics layer, or photo layer.
	Open Map	Open an ArcPad Map (a file with a .apm extension).
	Save Map	Save the current ArcPad Map.
	Save Map As	Save the current ArcPad Map with a new name and/or in a different folder.
	Map Properties	Open the Map Properties dialog box.
	Recent Maps	Display the nine most recently opened maps.
	Recent Layers	Display the nine most recently added layers.
	Exit	Close ArcPad.

NEW SUBMENU

	QuickProject	Close the current map and create a new data capture project with ready-to-use point, polyline, and polygon shapefiles.
	Map	Close the current map and create a new map.
	Shapefile	Create a new shapefile and load it into the current map.
	QuickForm	Create a custom form for an existing shapefile.
	Graphics Layer	Create a new graphics layer and load it into the current map.
	Photo Layer	Create a new photo layer and load it into the current map.

ADD LAYER DROP-DOWN LIST

	Add Layer	Add one or more layers to the current map.
	Add Internet Server	Add an ArcIMS® image service as a layer to the current map.
	Geography NetworkSM	Go to the www.geographynetwork.com Web site using the default Internet browser.

GPS POSITION WINDOW DROP-DOWN LIST

	GPS Position Window	Open or close the GPS Position Window.
	GPS Active	Activate or deactivate the GPS.
	GPS Tracklog	Start or stop storing GPS points in the tracklog shapefile.
	Rangefinder Active	Activate or deactivate the Rangefinder.
	GPS Preferences	Open the GPS Preferences dialog box.
	Rangefinder Preferences	Open the Rangefinder Preferences dialog box.
	GPS/Rangefinder Debug	Open or close the GPS and Rangefinder Debug window.
	Automatic Map Rotation	Automatically rotate the map to "course up" when the GPS is active.
	Clear Rotation	Clear the map rotation so that the map is "north up."

TOOLS DROP-DOWN LIST

	Options	Open the ArcPad Options dialog box.
	Scale Bar	Display or hide the scale bar.
	Panning Frame	Display or hide the map panning frame.

	Status Bar	Display or hide the status bar.
	North Arrow	Display or hide the north arrow in the map view.
	Camera	Open the camera tool.
	Toolbars	Display a submenu containing all the toolbars in ArcPad.
	Utilities	Display a submenu containing utility tools.

UTILITIES DROP-DOWN LIST

	Pack Shapefile	Pack a shapefile by removing records flagged for deletion.
	Reproject Shapefile	Reproject a shapefile to another projection and/or datum.
	Export Projection Information	Export the ArcPad projection information into CSV and text files.
	Run Script	Open the Script dialog box.

HELP DROP-DOWN LIST

	Quick Reference Help	Open the ArcPad Quick Reference.
	User Guide	Open the ArcPad User Guide (PC only).
	Reference Guide	Open the ArcPad Reference Guide (PC only).
	ESRI Support Center	Go to the support.esri.com Web site using the default Internet browser.
	About ArcPad	Open the About ArcPad dialog box.
	About Extension	Display a submenu listing all loaded ArcPad extensions.

BROWSE TOOLBAR

	Zoom In	Zoom in on map using the pen.
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	Zoom to Full Extent	Zoom to the full extent of the map.
	Go Back to Previous Extent	Zoom back to the previous extent you were using.
	Identify	Activate the Identify tool.
	Find	Open the Find tool.
	Start/Stop Editing	Display a submenu containing all the editable layers in the ArcPad map. Tapping a layer toggles its editing state.
	Refresh	Redraw the map.

ZOOM IN DROP-DOWN LIST

	Zoom In	Zoom in on map using the pen.
	Zoom Out	Zoom out on map using the pen.
	Pan	Pan the map using the pen.
	Rotate Map	Set the map rotation angle.

ZOOM TO FULL EXTENT DROP-DOWN LIST

	Fixed Zoom In	Zoom in on the center of the map by 25%.
	Fixed Zoom Out	Zoom out on the center of the map by 25%.
	Zoom To Selected	Zoom to the extent of the selected feature.
	Center on GPS	Center the map on the current GPS position.
	Zoom to Full Extent	Zoom to the full extent of the map.
	Zoom to Layer	Zoom to the extent of a particular layer in the map.

GO BACK TO PREVIOUS EXTENT DROP-DOWN LIST

	Go Back to Previous Extent	Zoom back to the previous extent you were using.
	Go to Next Extent	Zoom forward to the next extent in the extent history.
	Create Bookmark	Create a spatial bookmark.

	Zoom to Bookmark	Zoom to an existing spatial bookmark.
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IDENTIFY DROP-DOWN LIST

	Identify	Activate the Identify tool.
	Measure	Measure distances in the map view in point mode.
	Radial Measure	Measure radial distances in the map view using the pen.
	Freehand Measure	Measure distances in the map view in freehand mode.
	Hyperlink	Activate the Hyperlink tool.
	Go To	Activate the Go To tool.
	Label	Activate the Label tool.
	Advanced Select	Activate the Advanced Select tool.

FIND DROP-DOWN LIST

	Find Features	Open the Find tool.
	Clear Selected Feature	Unselect the selected feature.

START/STOP EDITING DROP-DOWN LIST

	Point Features Target Layers	Display the editable point feature layers.
	Line Features Target Layers	Display the editable line feature layers.
	Polygon Features Target Layers	Display the editable polygon feature layers.
	Multi-Features Target Layers	Display the editable layers that support multiple feature types including graphics layers.

EDIT TOOLBAR

	Select	Activate the Select tool.
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	Point	Activate the point feature type for data capture.
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	Capture Point Using GPS	Capture a point feature in the editable point layer using the current GPS position.
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	Add GPS Vertex	Capture a single vertex in the current polyline or polygon feature using the current GPS position.
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	Add GPS Vertices Continuously	Continuously capture vertices in the current polyline or polygon feature using the current GPS position.
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	Feature Properties	Open the Feature Properties dialog box (or custom edit form) for the selected feature.
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	Offset Point	Activate offsets for point data capture.
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SELECT DROP-DOWN LIST

	Select	Activate the Select tool.
	Select and Vertex Editing	Activate the Select and Vertex Editing tool.

	Select at GPS Position	Select the feature at the current GPS position.
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	Center on Selected Feature	Center the map on the selected feature without changing the current map scale.
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	Zoom to Selected Feature	Zoom to the selected feature.
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	Go To Selected Feature	Set the selected feature to be the current destination for navigation.
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	Clear Selected Feature	Unselect the selected feature.
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POINT DROP-DOWN LIST

	Point	Activate the point feature type for data capture.
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	Line	Capture a straight line feature using the pen.
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	Polyline	Activate the polyline feature type for data capture and start a new line feature.
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	Freehand Line	Capture a freehand line feature using the pen.
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	Rectangle	Capture a rectangle polygon feature using the pen.
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	Polygon	Activate the polygon feature type for data capture and start a new polygon feature.
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	Ellipse	Capture an ellipse polygon feature using the pen.
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	Circle	Capture a circle polygon feature using the pen.
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	Freehand Polygon	Capture a freehand polygon feature using the pen.
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	Text Point	Capture a text feature relative to a point using the pen.
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	Text Line	Capture a text feature relative to a line using the pen.
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	Text Polygon	Capture a text feature relative to a polygon using the pen.
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	Text Rectangle	Capture a text feature relative to a rectangle using the pen.
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	Text Ellipse	Capture a text feature relative to an ellipse using the pen.
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FEATURE PROPERTIES DROP-DOWN LIST

	Feature Properties	Open the Feature Properties dialog box (or custom edit form) for the selected feature.
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	Insert Vertices	Insert new vertices to the
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		selected polyline or polygon.
	Append Vertices	Add new vertices to the end, or tail, of the selected polyline.
	Move Feature	Move the selected feature.
	Rotate Feature	Rotate the selected polyline or polygon feature.
	Scale Feature	Change the size of the selected polyline or polygon feature, relative to the original size.
	Resize Feature	Change the size of the selected polyline or polygon feature.
	Delete Feature	Delete the selected feature.

OFFSET POLYLINE/POLYGON DROP-DOWN LIST

	Offset Point	Activate offsets for point data capture.
	Offset Polyline/Polygon	Activate left or right offsets for polyline or polygon data capture.
	Linear Traverse	Activate the linear traverse mode for capturing a new polyline or polygon feature.
	Radial Traverse	Activate the radial traverse mode for capturing a new polyline or polygon feature.
	Set Reference Point A	Set a reference point, A, for capturing a single-point offset.
	Set Reference Point B	Set a second reference point, B, for capturing a two-point offset.

	Segment Polyline	Activate adding new polylines that start at the end of the selected polyline.
	Repeat Attributes	Activate copying of attributes from the previous feature into the new feature.

STREETMAP TOOLBAR

	Find Location	Reverse geocode a location.
	Convert Location to Stop	Convert the current location to a stop.
	Create Route from Stops	Find a route between stop points while preserving the order of the stops.
	Edit Stops	Open the Edit Stops dialog box, which allows you to change the order of the stops, temporarily disable stops, and delete stops.
	Driving Directions	Display or hide driving directions for the current route.
	StreetMap Preferences	Open the StreetMap™ Preferences dialog box.

FIND LOCATION DROP-DOWN LIST

	Find Address or Location	Open a dialog box for finding an address, city, or latitude-longitude coordinate.
	Find Location from GPS Position	Find a location using the current GPS position.
	Unselect Location	Remove the location highlight from the map.

CONVERT TO STOP DROP-DOWN LIST

	Convert Location to Stop	Convert the current location to a stop.
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	Convert Location to Barrier	Convert the current location to a barrier.
	Convert Location to Pushpin	Convert the current location to a pushpin.

CREATE ROUTE FROM STOPS DROP-DOWN LIST

	Create Route from Stops	Find a route between stop points while preserving the order of the stops.
	Create Optimized Route	Find a route between stop points by reordering intermediate locations.
	Clear Route	Remove a calculated route from the map.

EDIT STOPS DROP-DOWN LIST

	Edit Stops	Open the Edit Stops dialog box, which allows you to change the order of the stops, temporarily disable stops, and delete stops.
	Edit Barriers	Open the Edit Barriers dialog box, which allows you to edit properties of barriers, temporarily disable barriers, and delete barriers.
	Edit Pushpins	Open the Edit Pushpins dialog box, which allows you to edit properties of pushpins, temporarily disable pushpins, and delete pushpins.

COMMAND BAR

	Lock	Disable the ArcPad application from pen or mouse input.
	Save Geometry Changes	Save geometry changes to an existing feature.
	Proceed to Attribute Capture	End the geometry capture of a new feature and proceed to capturing

		the feature's attributes.
	Undo	Undo the last edit made to a feature.
	Pen Toggle	Enable or disable use of the pen for capturing new features.
	Cancel	Cancel edits to an existing feature's geometry, or cancel capture of a new feature.

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- Updates and downloads
- Technical Support Knowledge Base
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