

ADVANCED

E-STOP

Advanced MPG

WIRELESS HANDWHEEL PENDANT WITH E-STOP

General wireless remote control manual pulse generator for CNC machine tools, CNC engraving and milling machines and machining centres. Replaces the wired spring-cable pendant on the existing MPG port: no control software changes.



433 MHz
ISM BAND

50 m
CLEAR RANGE

32 sets
SIMULTANEOUS

60 days
2 × AA

6 axes
X/Y/Z/4/5/6

RADIO & POWER

Operating frequency	433 MHz ISM
Transmit power	10 dB
Receiver sensitivity	-98 dB
Interference-free range	50 m
Coexisting units	Up to 32
Battery	2 × AA alkaline, not supplied
Battery life	≈ 60 days typ · 30 days min
Antenna	External, RX side

PENDANT & BUILD

Axis selection	X/Y/Z/4/5/6
Magnification	×1 / ×10 / ×100
E-stop	1NC relay output
Enable button	Deadman
Extension keys	3 outputs
Enclosure	Alloy
Keypad sealing	Oil / dust



Advanced receiver

Emergency relay, enable and 3 extension key outputs; external antenna.



Enable (deadman) button

Yellow key, upper left. Motion permitted only while held.

WHAT ADVANCED ADDS OVER BASIC

E-stop with emergency relay output 1NC dry contact wired into the machine emergency chain; drops on press and on link loss. Functional stop, not independently safety-certified; Category/PL is set by the integrator's own rated circuit.	Enable (deadman) button Motion permitted only while held: required when jogging with guards open.
3 extension key outputs User-assignable keys mapped to spare control inputs: coolant, orient, cycle start.	Axis option and rate coding output Selector positions as coded or non-coded outputs: see the wiring diagram sheet.
External antenna receiver Antenna mounts on top of the chassis, so a steel cabinet never costs range.	Six-axis receiver output A sixth axis line at the receiver: rotary tables and tailstock axes jog from the same wheel.

BASIC MPG VS ADVANCED MPG

FEATURE	BASIC MPG	ADVANCED MPG
Handwheel, axis and rate selection	Yes	Yes
E-stop with emergency relay output	N/A	Yes
Enable (deadman) button	N/A	Yes
3 extension key outputs	N/A	Yes
Axis and rate coding output	N/A	Yes
External antenna receiver	N/A	Yes
Receiver axis outputs	5 axes	6 axes

APPLICATIONS

CNC machine tools, CNC engraving and milling machines, machining centres and turning centres. Supported controls: Siemens, Fanuc, Mitsubishi, Fagor, NUM and Syntec; other controls on request, supply the MPG port pinout from the machine electrical drawing.



IN THE BOX

Advanced MPG pendant · receiver with external antenna · control-matched interface cable · magnetic mounting bracket · wiring diagram and manual.

ORDERING

State machine make, control model and MPG port type. Units ship pre-configured for your pinout. Export orders dispatched worldwide from India with full documentation.