

## Complete Reference for Next Generation Temposonics Programming Options

Sensor Model	Programming / Adjustment Need	Programming Option	Requirements	Description	Reference Docs
R-Series Analog (1)	Setpoint adjustment (Position only, single magnet)	R-Series Analog Handheld Programmer (PN 253124)	Programmer, sensor power and associated cable connections	Simple, low cost method for establishing set point <b>positions (2)</b> and is ideal for remote programming. Programmer connects to sensor wiring via screw terminals and utilizes a teach mode to match <b>factory preset 0% and 100% outputs</b> with desired setpoint locations.	R-Series Handheld Programmer Operating Instructions (PN 550998)
	Setpoint adjustment (Position & output value, single or dual channel)	R-Series PC Programming Software (PN 625064) or R-Series Doc. & SW CD (PN 550993)	Windows PC & R-Series Analog programming kit (PN 253309 – software included) – <b>Analog meter optional</b>	Ideal for “bench” configuring of R-Series Analog sensors. Also enables programming at a remote Windows interface when sensor is not directly accessible.	R-Series Analog Data Sheet (PN 550992) & Software Help file
R-Series SSI	Output parameters from data sheet “How to Order” guide	R-Series PC Utility Software (PN 625067) R-Series Doc. & SW CD (PN 550993)	Windows PC & R-Series SSI programming kit (PN 253310 – software included)	Ideal for “bench” configuring R-Series SSI sensor parameters. Enables programming at a remote Windows interface when sensor is not directly accessible.	R-Series SSI Data Sheet (PN 550989) & Software Help file
G-Series Analog	Setpoint adjustment (Position & output value only) (3)	G-Series Infrared Setpoint Programmer (PN 380078)	Programmer, sensor power and analog meter only. No additional physical connections	Low cost alternative and readily available alternative to old adjustment screwdriver. Useful when rear of electronics housing is accessible. Requires unobstructed path to LEDs (must be held within 4 in.)	G-Series User’s Manual (PN 550966)
	Setpoint adjustment (Position & output value only) (3)	G-Series Analog Handheld Programmer (PN 253294)	Programmer, sensor power, analog meter and associated physical connections	Programmer connects to sensor wiring via screw terminals. Ideal for remote programming when sensor is not directly accessible. Also includes diagnostic LEDs for sensor status.	G-Series Handheld Programmer Operating Instructions (PN 551024)
	Output mode (type and range) and setpoint adjustment (Position & output value only)	G-Series PC Programming Software (PN 625060) or G-Series Doc. & SW CD (PN 550971)	Windows PC & G-Series Analog Programming Kit (PN 253311 – software included) & analog meter	Ideal for “bench” configuring and diagnostics of G-Series Analog sensors. Also enables programming at a remote Windows interface when sensor is not directly accessible.	G-Series User’s Manual (PN 550966) & Software Help file
G-Series Digital Pulse	Output mode, Interrogation type, # of recirculations	PDA Programming Software (Palm Software PN 625061) or G-Series Doc. & SW CD (PN 550971)	Palm PDA (4) & software & sensor power. No additional physical connections	Infrared serial communication allows programming and diagnostic feedback via simple graphical user interface. Useful when rear of electronics housing is accessible. Requires unobstructed path to LEDs (must be held within 3 in.)	G-Series User’s Manual (PN 550966)
	Output mode, Interrogation type, # of recirculations	G-Series PC Programming Software (PN 625060) or G-Series Doc. & SW CD (PN 550971)	Windows PC & G-Series Digital programming kit (PN 253312 – software included)	Ideal for “bench” configuring and diagnostics of G-Series Digital Pulse sensors. Also enables programming at a remote Windows interface when sensor is not directly accessible.	G-Series User’s Manual (PN 550966) & Software Help file

- (1) Dual channel R-Series Analog outputs (two position or position + velocity) are available only when specified at the time of order.
- (2) The R-Series Analog Handheld Programmer (PN 253124) cannot be used to change the analog setpoint output values. This can only be accomplished with the R-Series Analog Programming software (PN 625064)
- (3) The G-Series Infrared Setpoint Programmer (PN 380078) and Analog Handheld Programmer (PN 253294) cannot be used to change the sensor’s output polarity (between forward and reverse acting). Instead, the G-Series PC Programming software (PN 625060) can be used to program a different output **range**, and so, change the output polarity.
- (4) Compatible with Palm III, IIIc, V, m100, m130, and Zire models with Palm OS version 3.3 and above only.