

OVERVIEW

The current range of Paradox control panels is transitioning to new a range (+) series panels. The existing range of panels have gone End of Life and are replaced by the new range. The (+) series panels have some key differences and the following document has some explanations.

Transition Table:

End of Line	New Panel
PDX-SP5500	PDX-SP65 (Transition Complete)
PDX-SP6000	PDX-SP6000+ (Transition Complete)
PDX-SP7000	
PDX-MG5050PCB	PDX-MG5050+

Magellan PDX-MG5050+

The new Paradox PDX-MG5050+ is a 32-zone hybrid control panel with an in-built 433MHz transceiver. It has 8 on-board hardwired zones with zone doubling to 16 zones.

Back to Base Monitoring is done via the serial port with an IP or PCS module with dialler capture as another alternative. The Magellan PDX-MG5050+ has a second serial port, to enable another IP or PCS module to act as a backup communicator for Back to Base Monitoring.

The Magellan PDX-MG5050+ panels now have larger power supplies that deliver more current (1000mA) to the AUX outputs. This may negate the need for purchasing an additional power supply for some installations. To benefit from the larger output currents the cabinets with the 40VA transformer must be used. If a 1.5A plug pack is used, only 600mA is available at the AUX output.

Current Paradox Panel Line up

	SP65	SP6000+	MG5050+	EVO192
Onboard Zones	9/18	8/16	8/16	8
ATZ - Zone Double	Y	Y	Y	N
Hardwired Zones	32	32	32	192
Wireless Zones	32	32	32	192
Areas	2	2	2	8
Users	32	32	32	999
Onboard PGMs	3	5	4	5
Serial Ports	1	2	2	1
Serial Port Lock	Coming	Y	Y	Y
PCS / GSM Dialler	Y	No	No	Y
Land Line Dialler	No	Y	Y	Y
Input - 16V AC	20VA	40VA	40VA	40VA
AUX Output	500mA	1000mA	1000mA	600mA
RTX3	Y	Y	N	Y
RX1	Y	Y	N	N
RPT1/+	Y	Y	Y	N
K37 / K38	Y	Y	Y	N
SR230	Y	Y	Y	Y
2WPGM	Y	Y	Y	Y
REM25	Y	Y	Y	Y
REM3	Y	Y	Y	Y
Access Control	N	N	N	Y