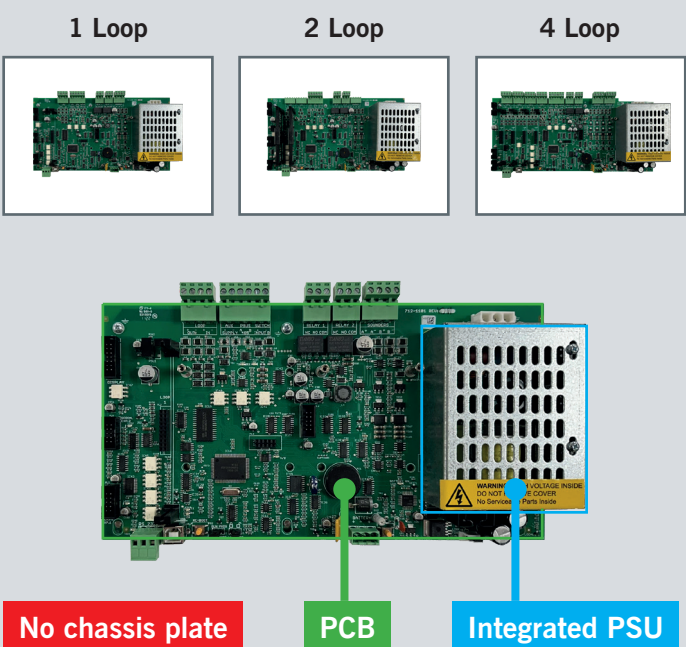**Advanced**

MxPro 5 & Axis EN
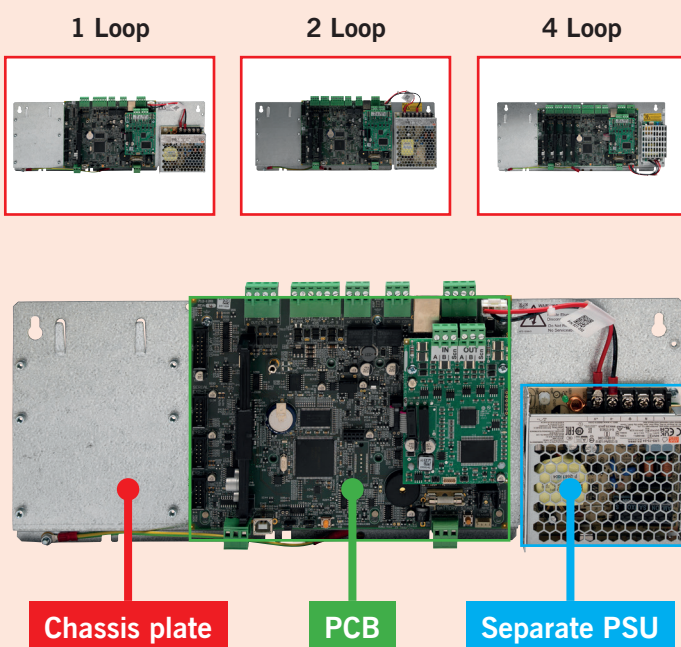# Loop cards, spares & replacements

Many aspects of 'Gen 2' panels remain the same as 'Gen 1' but there are some important differences to keep in mind.

If in doubt, please contact a member of our customer services team: **enquiries@advancedco.com 0345 894 7000 | Option 1**

Gen 1

1 Loop	2 Loop	4 Loop

No chassis plate | PCB | Integrated PSU

Gen 1 spare basecard features:
- PSU *integrated into* basecard
- Basecard *not mounted* on chassis plate

NB: chassis-mounted option no longer available.

Gen 2

1 Loop	2 Loop	4 Loop

Chassis plate | PCB | Separate PSU

Gen 2 spare basecard features:
- PSU *separate from* basecard for easier modular replacement
- Basecard *mounted* on chassis plate – available with or without PSU

Loop cards/panel protocol

Please note:
- **MXP-568** is the standard loop driver card in the Gen 2 panel, which can also be used in existing Gen 1 panels
- **MXP-568** supports Apollo as well as Hochiki, Argus and Axis EN
- **MX-5000A** specifically supports Apollo Core protocol (full Soteria)
- **MXP-502** is compatible with both Gen 1 and Gen 2 panels

Gen 1

Panel	Loop card	
MX-5000	Apollo (XP95, Discovery) and Hochiki (ESP)	**MXP-502 /568**
MX-5000A	N/A	
MX-5000V	Argus (Vega)	**MXP-502 /568**
MX-5000N	Nittan (Evo)	**MXP-567**

Gen 2

Loop card	
Apollo (XP95, Discovery) and Hochiki (ESP)	**MXP-568**
Apollo Core full Soteria (also supports XP95, Discovery)	NEW **MXP-568**
Argus (Vega)	**MXP-568**
Nittan (Evo)	**MXP-567**

Gen 1 to Gen 2 basecard replacements

Please note:
- For Gen 1 to Gen 2 basecard replacements, order the Gen 2 chassis plate with mounted PCB and PSU from the list below
- Gen 2 spare basecards are supplied with Apollo/Hochiki protocol as standard. Please reflash with other protocols if needed

Gen 1

Part Codes	
PCB with built-in PSU not mounted on chassis plate	
MXS-501	1-loop Apollo/Hochiki
MXS-501N	1-loop Nittan
MXS-501V	1-loop Argus
MXS-502	2-loop Apollo/Hochiki
MXS-502N	2-loop Nittan
MXS-502V	2-loop Argus
MXS-503	4-loop Apollo/Hochiki
MXS-503N	4-loop Nittan
MXS-503V	4-loop Argus
MX-5800	8-loop

Gen 2

Part Codes	
PCB mounted on chassis plate complete with PSU (no loop cards)	
MXS-501-CP-S	Spare 5100 basecard with small chassis – no loop cards
MXS-501-CP-M	Spare 5100 basecard with medium* chassis – no loop cards
MXS-502-CP	Spare 5200 basecard with medium* chassis – no loop cards
MXS-503-CP	Spare 5400 basecard with large chassis – no loop cards
MXS-503-CP-E	Spare 5400 basecard with extended chassis – no loop cards

*****medium** chassis plate fits large, deep, extended, and rack-mount enclosures

When replacing MX-5800 basecards, use MXS-503-CP-E for top spare and MXS-503-CP for bottom spare

Gen 2 basecard spares

Please note:
- As the PCB and PSU on Gen 2 basecards are separate items *(unlike on Gen 1)* you can replace either the PCB or PSU if only one of them is faulty/damaged
- Use the spares on the right *(Gen 2 'PCB only' and Gen 2 'PSU only' part numbers)* when replacing Gen 2 parts

Gen 2 Part Codes	
Separate PCB only and PSU only options	
MXS-501-PCB	Spare 5100 Basecard PCB only
MXS-501-PSU	Spare 5100 Basecard 3A PSU only
MXS-502-PCB	Spare 5200 Basecard PCB only
MXS-502-PSU	Spare 5200 Basecard 4A PSU only
MXS-503-PCB	Spare 5400 Basecard PCB only
MXS-503-PSU	Spare 5400 Basecard 5A PSU only

Tel: +44 (0)345 894 7000
Email: enquiries@advancedco.com
Web: www.advancedco.com

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