

5.3 Archiving PL/X recipes

After a working set of parameters and configuration connections has been created, it is recommended that an archive of the recipe be made for back up purposes. **There are 2 tools available for creating an archive.**

1) Hyperterminal in windows accessories. See 10.2.1 PARAMETER EXCHANGE / Drive transmit.
Hyperterminal loads or saves a file directly to / from the **NON volatile memory** of the PL/X in binary form. This **un-editable** file is a complete set of SAVED parameters, ideal for e-mail and archiving.

Advantages. Very compact file. Complete record of every parameter including motor and model ratings. Easy to archive and identify files.

Disadvantages. Not editable. Will overwrite 680)Iarm BURDEN OHMS, 2)RATED ARM AMPS and 4)RATED FIELD AMPS which will then need re-entering for models and/or motors of different rating to source file.

2) PL PILOT running on windows. See 10.2.5 Parameter exchange using ASCII COMMS
And 13.1.1 PL PILOT configuration tool.

PL PILOT loads or saves a file directly to / from the **volatile memory** of the PL/X in editable form. This **editable** file is the displayed parameters and configurable connections, but does not include Armature current or Field current or special factory parameters. It is ideal for local archiving of working parameters. It is possible to archive the file on other computers (details in PILOT tool HELP button) or email the file, however the Hyperterminal tool is a better suited for file transfer between directories or via email.

Advantages. Very easy to use and allows editing of recipes. Sections of recipes may be saved. Versatile monitoring and diagnostics included. Very useful commissioning tool when used with Laptop PC.

Disadvantages. Will not overwrite 680)Iarm BURDEN OHMS, 2)RATED ARM AMPS and 4)RATED FIELD AMPS which will then need entering by hand using drive keys. Awkward to transfer files to other PC.

See also 13.13.2 DRIVE PERSONALITY / Recipe page PIN 677.

