

# DataXchange

Welcome to DataXchange, this program was written with the full support and co-operation of JR.

The version that comes in the box (Version 1.0) must be upgraded to the most current release ( v1.8 as at 24<sup>th</sup> October 2006), the update is on a Floppy Disk in the box, or can be downloaded from MacGregor Industries website.

It has come to our attention that some users are experiencing difficulties when attempting to upgrade their current version of DataXchange. Once you have downloaded the Update, please expand and save the update somewhere where you can access it easily. To upgrade your DataXchange, double click on the file and follow the steps carefully. Step 1 asks you to locate the software, please note that it is NOT the shortcut. DataXchange is installed into the following default path "C:\Program Files\MacGregor DataXchange", once you have browsed into this folder, select DataXchange.exe and click on Open.

A box should now appear stating "Patch Successful", once you see this notification, you can now click Exit. Please run DataXchange and click on "Help, About" to verify that the Upgrade has worked correctly by displaying the current release number. Should you have any difficulties, please contact Rotarsoft.

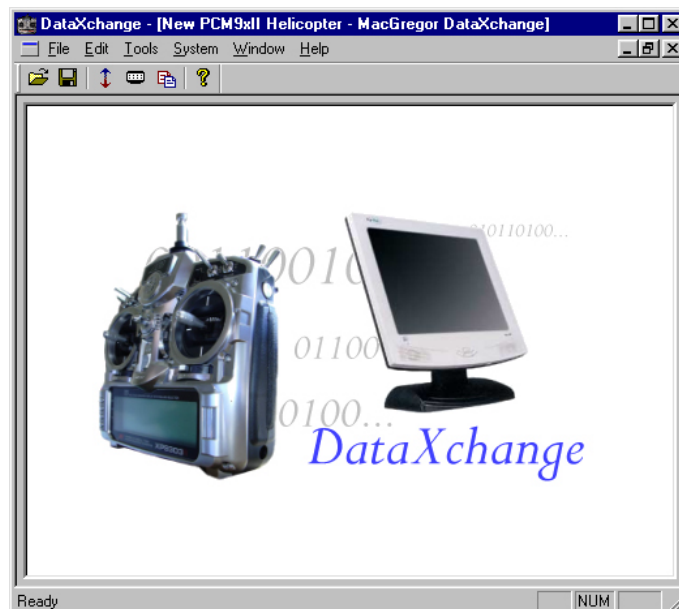
**Please note that it is imperative that after every transfer you verify the data. Some information is not transferred over from the original Transmitter.**

## Using DataXchange.

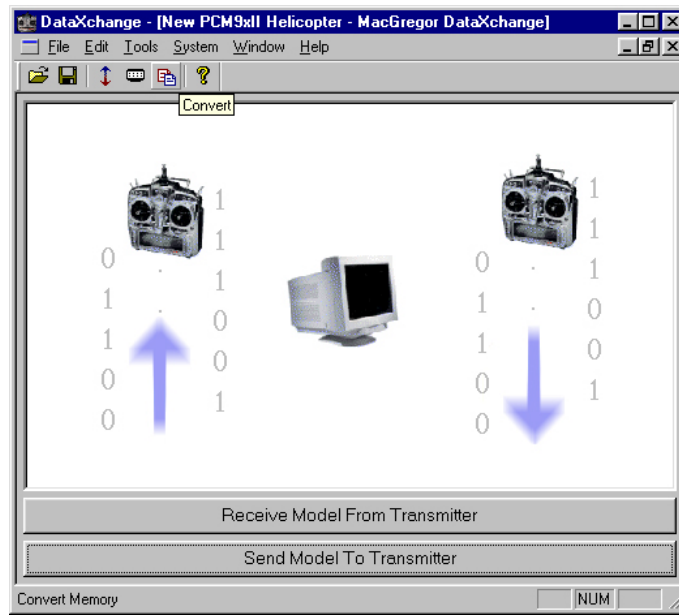
Launch DataXchange by double clicking on the shortcut, this presents a blank page,



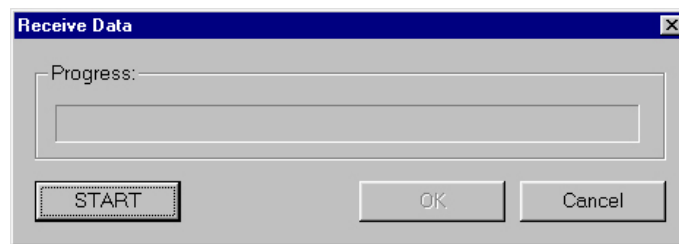
select File, New then the type of Radio (in this example the PCM9XII) followed by the model type (Helicopter). This presents the following screen.



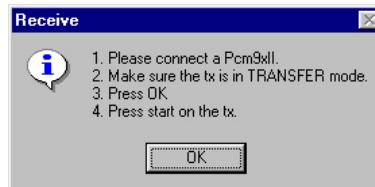
Select Tools, Transfer Data



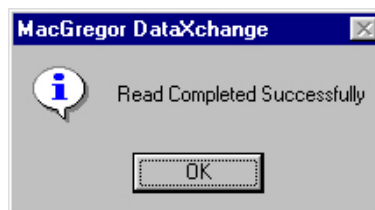
Select Receive Model from Transmitter and the following box appears,



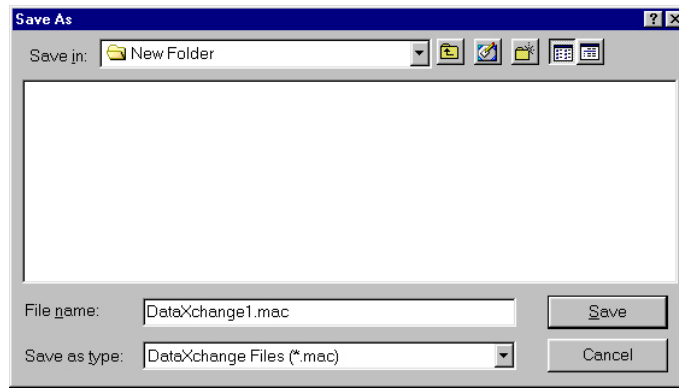
By clicking on Start, a new box appears,



At this point, take the 9XII and whilst pressing the ENT button on the front panel, insert the DataXchange lead into the DSC socket on the rear of the set. Using the Scroll selector, rotate until Model SEL is highlighted, click on the scroll bar and select the model memory you wish to dump to the PC. Press the List key and rotate the Scroll selector to TRANSFER and click. Notice that the START graphic is highlighted, go back to the PC screen and click on OK, you now have a few seconds to press the CLR key (START) on the PCM9XII to start the data transfer to the PC. A blue bar moves across the screen and finalises with a message box stating Read completed successfully.

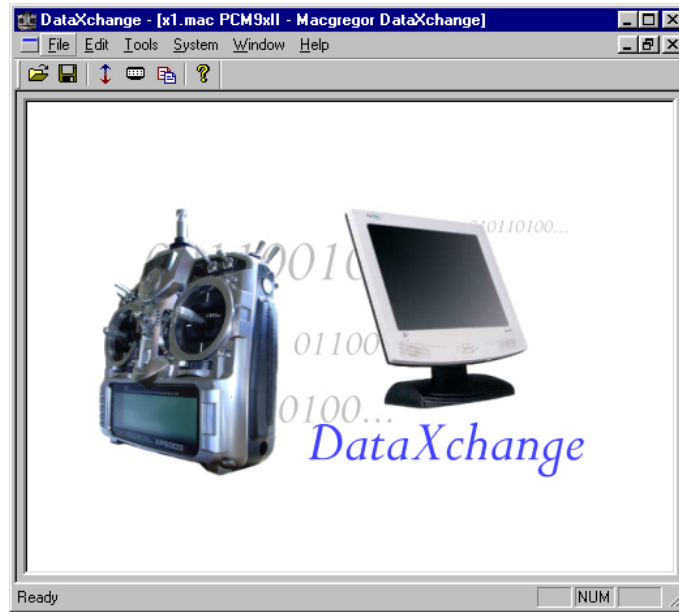


Click OK, then click OK again to clear the message box. Goto File, Save As and generate a new folder and a filename for your model memory.



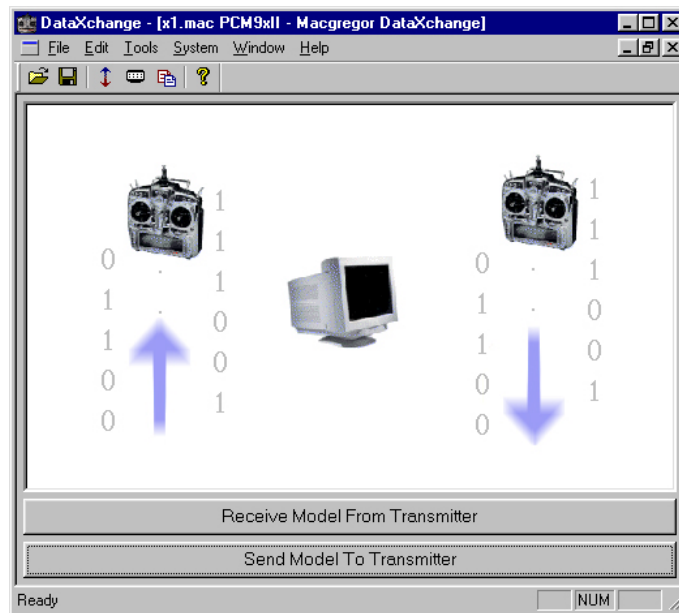
**Loading a saved Model.**

To load a saved model, click File Open and select the model saved.



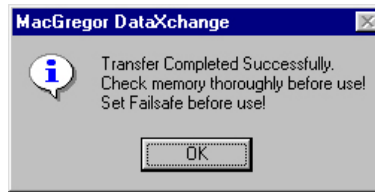
As can be seen, the loaded model appears at the top of the DataXchange screen.

Click Tools, Transfer



This time select Send Model to Transmitter, again the Transfer Progress screen appears, press Start, ensure that the 9XII is in TRANSFER mode. If TRANSMIT is highlighted on the 9XII screen, click the Scroll selector and it will display RECEIVE. You CANNOT be in the same model memory for the location you wish to store it to. If you want to recover a model setting and place it in model memory 1, then you cannot be in model memory 1 on the Transmitter. Select an alternative temporary model setting.

Click START on the Transmitter to start the receive process, you have a few seconds to start the data transfer otherwise the Transmitter will assume a fault and time out. Click OK on the message box on DataXchange and the blue progress bar will scan from left to right. At the end, the following message should be displayed.



The 9XII Transmitter should display End ok! 100% and at the end of the transfer should have emitted a “double beep”

Click on OK on DataXchange and click OK again. Close the active window if you wish to do any more data transfers.

Always close down an active window prior to opening a new model memory, this prevents any possible corruption in the data being transferred back to the Transmitter.

At the end of a data transfer to the PC, close the active window prior to opening a new transfer.

After a conversion, close the active window to prevent incorrect data being loaded.

Should you have any problems, please contact Rotarsoft by email.

### **Conversions.**

If you are using DataXchange to convert data from one type of transmitter to another you must save the converted data to a new file. Close down the existing window and then reload with the new data file prior to transferring to the new Transmitter. This ensures that you do not transfer cached data from the original transmitter.

### **Additional Information**

If you are using the USB to Serial Adaptor from the full package, it has been found that Windows XP does not always install the correct drivers.

If in doubt, the driver install can be found at <http://www.macgregor.co.uk/PL-2303.exe>. Please remove the USB adaptor then download and run this file. On completion of the install, please insert the USB adaptor, Windows should then detect new device.

Once this has completed, Right click on "My Computer" and left click on "properties", select Hardware, Device Manager and open the Com Port section. There should now be a listing for USB to Serial Converter. Open this device and the Com Port that the adaptor now emulates should be listed. Please note which Com Port it has taken then close down the windows until you are back to your desktop.

Launch DataXchange (ensuring that the Splash Screen displays Version 1.8), click File, New, and select the type of transmitter in use. Open System, Com Port and select the com port that the USB adaptor is using, then click OK.

DataXchange is now ready to be used with Windows XP and the Prolific USB adaptor.

Should you have any difficulty in using DataXchange, please contact Rotarsoft by email.

27<sup>th</sup> March 2008