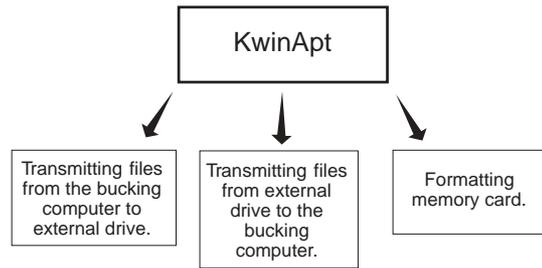# *KWinApt*
Manual

ESE Technique

2   *KwinApt*

2.A   *Summary*

KWinApt is a standard procedure for transmitting data between the bucking computer and a personal computer or a memory card, for example.

An important field of use for KWinApt is the transmission of machine variables, or price lists, to the bucking computer.

```
                          ┌──────────────┐
                          │   KwinApt    │
                          └──────────────┘
            ┌──────────────────┼──────────────────┐
            ▼                   ▼                  ▼
  ┌──────────────────┐ ┌──────────────────┐ ┌──────────────────┐
  │ Transmitting files│ │ Transmitting files│ │   Formatting     │
  │ from the bucking  │ │ from external     │ │  memory card.    │
  │ computer to       │ │ drive to the      │ │                  │
  │ external drive.   │ │ bucking           │ │                  │
  │                   │ │ computer.         │ │                  │
  └──────────────────┘ └──────────────────┘ └──────────────────┘
```

2.B   Description

Choose baud rate

Baud rate is the speed at which data is transmitted between the two computers. Both computers must be set at the same baud rate. The highest possible baud rate should be used to achieve short transmission times.

The following rates can be set:

- 1200   • 19200
- 2400   • 38400
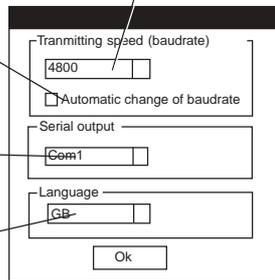- 4800   • 57600
- 9600

Rate change

If the box is crossed an attempt will be made to choose the speed selected in the box **Transmission speed** when an external drive is connected. The standard rate 1200 baud will be chosen if the attempt is unsuccessful.

Select serial port

Select the serial port that is used for data transmission..

Choose language

Choose a language for the program menus.

Server mode

One of the drives must be set in server mode when transmission is to be made between an external drive (eg, personal computer) and the bucking computer.

If the bucking computer is to control the transmission the external drive must be set in server mode (card reader is always set in server mode).

If the external drive is to control the transmission then the bucking computer must be set in server mode by clicking on **Server**.

Click on **Abort** to return to normal mode.

Delete/format

Delete selected file or format memory card.

Transmit

Begin transmission of selected file/files to/from the bucking computer.

Connect

Click here to open communication with external drive.

Select file/files in the bucking computer

Select drive, folder, file type and file/files that are to be transmitted from the bucking computer to external drive.

Select file/files in connected drive

Select the file or files in the category of files that are to be transmitted to the bucking computer.

Activity list

Shows the activities that have occurred while connected and transmission from/to external drive.
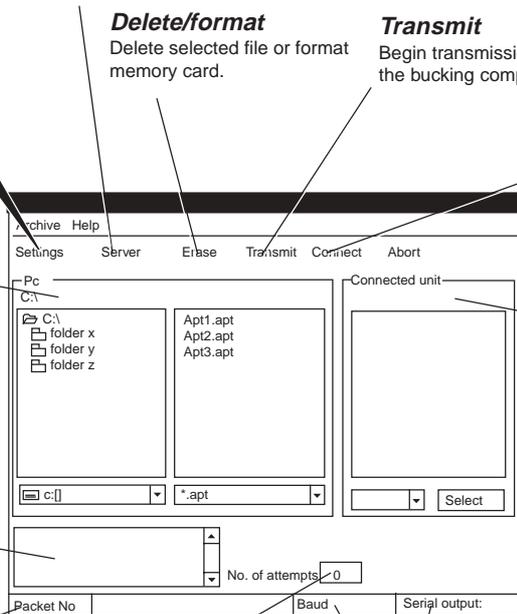
Number of transmitted "packets"

Transmission is split into a number of "packets". Here you see how many "packets" have been transmitted.

Number of attempts to connect

The bucking computer makes a new attempt to connect an external drive if the first attempt is unsuccessful. Here you see how many attempts have been made. The bucking computer makes a maximum of 10 attempts to connect.

Baud rate and serial port

Shows current setting of baud rate and serial port.

Settings dialog:
- Tranmitting speed (baudrate): 4800
- Automatic change of baudrate
- Serial output: Com1
- Language: GB
- Ok

Main window:
- Archive Help
- Settings   Server   Erase   Transmit   Connect   Abort
- Pc
- C:\
  - C:\
  - folder x
  - folder y
  - folder z
- Apt1.apt
- Apt2.apt
- Apt3.apt
- Connected unit
- c:[]   *.apt   Select
- No. of attempts: 0
- Packet No   Baud   Serial output:

2.C   Proceed as follows

2.C.1   Set baud rate and serial port

1 Open the program **KWinApt**.

2 Click **Settings**.

Manual setting of speed
3 Click in the box and select suitable baud rate.

Setting with automatic change of baud rate
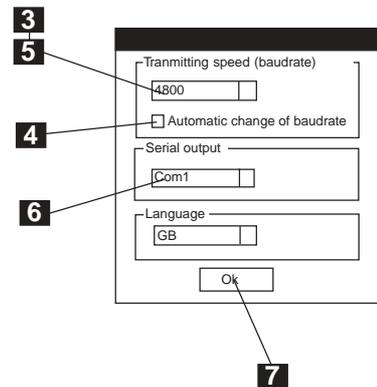**4** Click in the box **Automatic change of baud rate** to activate the function (cross in the box).

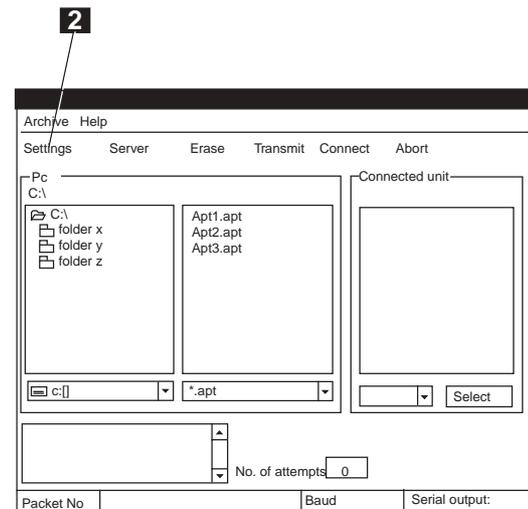**5** Select the new baud rate (see FACTS box below).

Select serial port
6 Click in the box and select the serial port that is used for transmission.

Exit settings
7 Click **OK** to confirm the new choices and close the settings box.

2

Archive Help

Settings   Server   Erase   Transmit Connect   Abort

┌Pc
C:\
 ┌─ C:\   Apt1.apt
 ┌ folder x   Apt2.apt
 ┌ folder y   Apt3.apt
 ┌ folder z

┌Connected unit

│ c:[]   │ *.apt   │   Select

No. of attempts   0

Packet No   Baud   Serial output:

3
5
┌Tranmitting speed (baudrate)
 4800

┌ Automatic change of baudrate
4

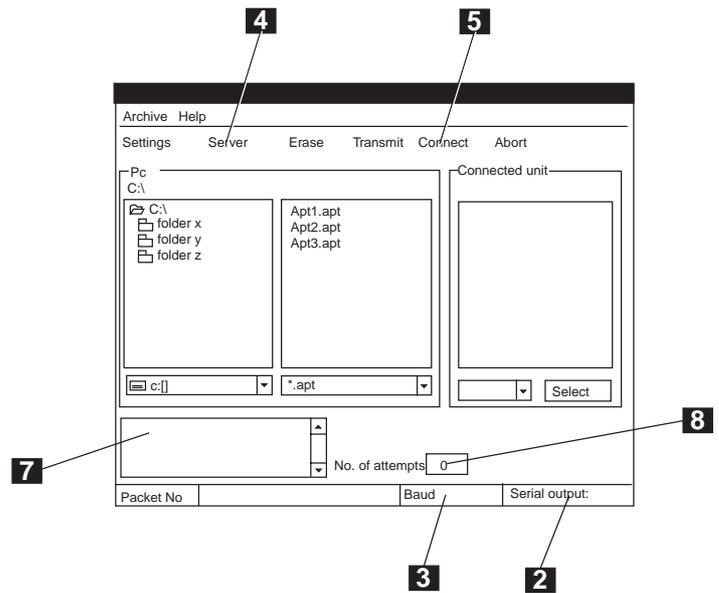┌Serial output
 Com1
6

┌Language
 GB

Ok

7

FACTS

Automatic change of baud rate
The following occurs when the box Automatic change of baud rate in the Settings menu is crossed and the units are connected to each other:

• Calling is made at the rate of 1200 baud.

• The bucking computer asks whether the external unit can transmit at the rate shown in box **Transmitting speed**.

• If the answer is yes, the rate will be changed for both the bucking computer and the external unit.

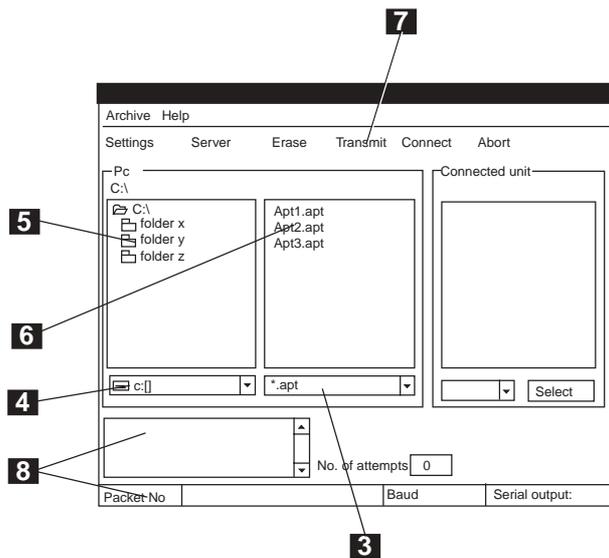• Transmission will otherwise continue at 1200 baud.

2.C.2   *Connect external unit*

1 Open the program **KWinApt**.

2 Connect the external unit with cable to the serial port that you have selected in the **Settings menu** (see **section 2.C.1**). The serial port used is shown in the box at the bottom of the window.

3 Check that the baud rate is correct (see **section 2.C.1**). The current baud rate is shown in the box at the bottom of the window. The standard rate for Kermit is 1200 baud but other rates may occur.

4 Either the bucking computer or the external unit must be in **server mode**.
If transmission to an external personal computer is controlled from the bucking computer the computer is to be set in server mode.
If transmission is controlled from an external personal computer then the bucking computer must be set in server mode by clicking on **Server**.
An external unit in the form of a card reader is always in server mode.

5 Click **Connect**.

6 The bucking computer now attempts to connect to the external unit.

7 You can see in the **Activity box** whether connection is made or not.

8 If the bucking computer needs to make more than one attempt it will be seen in the box **Number of attempts**.
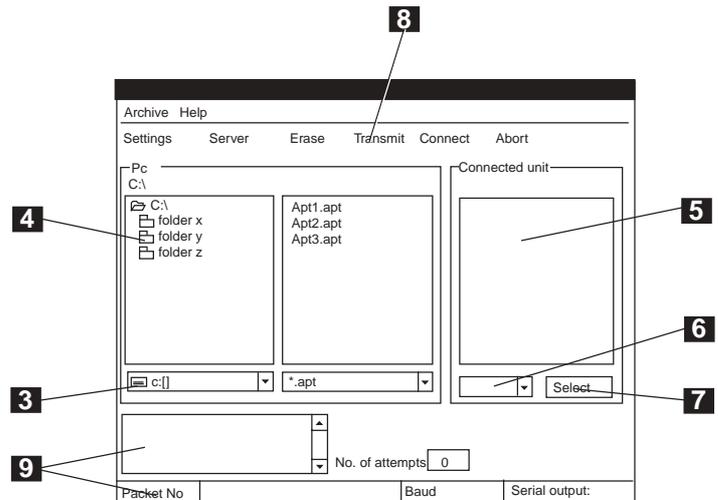
2.C.3 Copy files from the bucking computer to external drive

1 Open the program **KwinApt**.

2 Make any necessary settings and connect external drive according to **sections 2.C.1 and 2.C.2.**

3 Select the type of files you wish to transmit. The following types of file exist:

.	= All files
*.apt	= Bucking files
*.prd	= Production files
*.stm	= Trunk profile files
*.apt, *.prd, *.stm	= all three of the above

4 Select **drive**.

5 Select **folder**.
Double click to open/select the folders. On double clicking a folder it is shown which folders (in the main folder level) are included in the folder. Files in the folder are shown in the box to the right.

6 Select file/files. Hold the **Ctrl** button pressed down on the computer keyboard and click on the files desired if you want more than one.

7 Click **Transmit**.

8 You can follow the transmission in the **Activity box** and in box **Packet No.**.

2.C.4　Copy files from external drive to the bucking computer

1 Open the program **KwinApt**.

2 Make any necessary settings and connect external drive according to **sections 2.C.1 and 2.C.2.**

3 Select the drive and folder to which the transmitted files are to be saved in the bucking computer:
Select **drive** first.

4 Select **folder**.
Double click to open/select the folders. On double clicking a folder it is shown which folders (in the main folder level) are included in the folder.

5 Select the file/files that are to be transmitted by clicking on files in box **Connected drive**.
Hold the **Ctrl** button pressed down on the computer keyboard and click on the files desired if you want more than one.

6 You can also choose all files in a particular category.
The following types of file exist:
.　 = All files
*.apt = Bucking files
*.prd = Production files
*.stm = Trunk profile files

7 Click **Select**. All files in the selected category will now be selected.

8 Click **Transmit**.

9 You can follow the transmission in the **Activity box** and in box **Packet No.**.

2.C.5   Delete files

1 Open the program **KwinApt**.

Delete files in the bucking computer

2 Select file/files that are to be deleted (in box **Pc**) in the manner described in **section 2.C.3**.

3 Click **Erase**.

4 Click **Yes**.

Delete files in external drive

5 Make any necessary settings and connect external unit according to **sections 2.C.1 and 2.C.2**.

6 Select file/files that are to be deleted (in box **Connected drive**) in the manner described in **section 2.C.4**.

7 Click **Erase**.

8 Click **Yes**.

Formatting memory card

9 Make any necessary settings and connect the drive with memory card according to **sections 2.C.1 and 2.C.2.**

10 Click **Erase**.

11 Click in the box **Format memory card. Observe** that formatting erases **all earlier information** that has been saved on the memory card.

12 Click **Yes**.

ESE Technique

KwinApt02SE