

```

TTTTT RRRR   A   M   M           f
  T   R   R   A   A   MM MM       f f   t
  T   R   R   A   A   M M M   sss   000   f   ttt
  T   RRRR   A   A   M M M   s   0   0   fff   t
  T   R R   AAAAA M   M   sss   0   0   f   t
  T   R   R   A   A   M   M   s   0   0   f   t t
  T   R   R   A   A   M   M   ssss   000   f   t

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Ambühler & Müller

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*
*   P a r a l l e l / F l o p p y - I n t e r f a c e
*
*   U s e r s   G u i d e
*
*
*****

```

## TRAMsoft Parallel/Floppy-Interface \*\*\*\*\*

### Introduction

The TRAMsoft Parallel/Floppy-Interface can be used as

- 16 bit parallel-input/output interface (using port A & B)
- Interface to any printer with CENTRONICS-standard-interfcae (port B)
- Interface to up to 4 COMMODORE VC 1541 floppy-drives (port A)

It is possible to connect the printer and the floppy-drives at the same time.

### \*\*\* Power Up - sequence \*\*\*

To prevent hardware distruction or data-loss, follow always this power up-sequence:

- 1) Make sure, that no peripheral-device is switched on
- 2) Switch on the SHARP PC-1500/PC-1500A
- 3) Switch on all peripheral-devices in any order

### \*\*\* Power Off - sequence \*\*\*

For the same reason follow this power off - sequence:

- 1) Switch off all peripheral-devices in any order
- 2) Switch off the SHARP PC-1500/PC-1500A

### Anti-Auto-Power-Off - Feature (AAP0)

If the SHARP PC-1500/PC-1500A is switched off by its auto-power-off-feature all its peripheral-devices MUST be switched off, before the PC-1500/A is switched on again. To prevent this uncomfortable situation, the TRAMsoft Parallel/Floppy-Interface has a anti-auto-power-off-feature which prevents the PC-1500/A to switch off by issuing interrupts. This feature is disabled after a CLOAD- or CSAVE-operation. To start it again, CALL &E107 must be performed. The following message NEW 0 ... or CHECK: .. can be ignored. POKE &79DA,0 disables the AAP0-feature.