

# **Pinnacle PCTV**

## **REMOTE CONTROL**

**Pinnacle PCTV****Remote Control**

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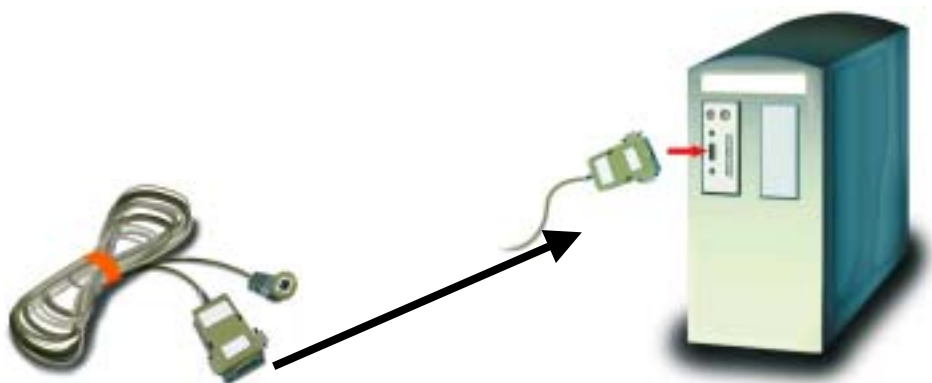


# The PCTV Remote Control

## INSTALLATION

### Hardware Installation

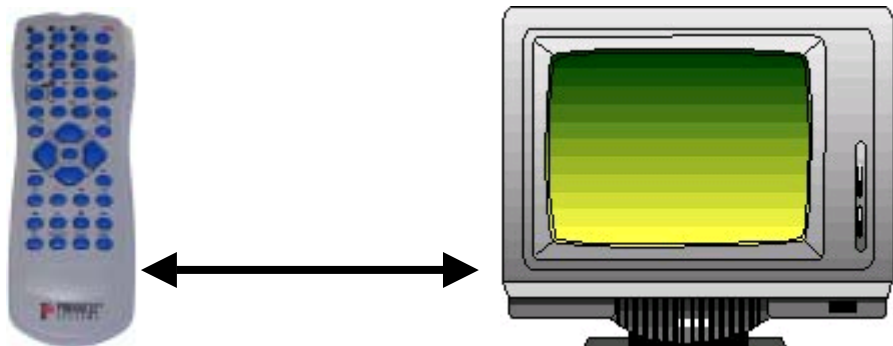
- Connect the 9-pin plug of the PCTV remote control receiver to an available serial port on your computer.



- Use the adhesive strips provided to secure the other end of the receiver to your monitor or computer housing.




Ensure that there is a clear line of sight between the remote control and the receiver.

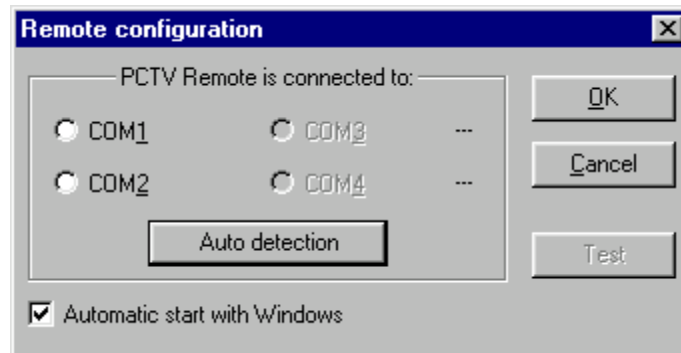


- Insert the batteries (2x 1.5 V (R 06; AA)) in the remote control.

## Software Installation

After installing the software for the board a program starts automatically in the background. This program interprets and forwards the commands from the remote control. The  symbol in the taskbar indicates that this program is active.

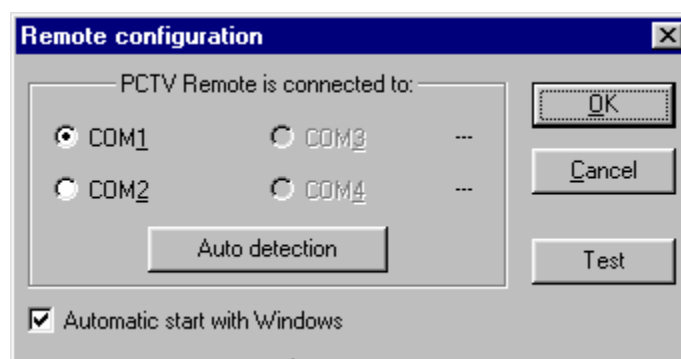
During the installation of the board you must specify the serial port to which the remote control is connected (see „Hardware Installation“). Select the port from the "Remote configuration" dialog box that appears:



A maximum of four alternative interfaces can be specified in this dialog box. Serial ports that are already in use or do not exist are grayed out on the screen and are unavailable to you as configuration possibilities.

## Automatic Configuration of the Serial Port

To automatically configure the serial interface of your PCTV receiver, click on *Auto detection*. A test will be conducted, after which the port used by the receiver will be shown:



If no serial port is found or displayed after this test has been conducted, check the configuration of the serial ports in your system or configure the port manually.

### **Manual Configuration of the Serial Port**

You can also configure the port manually.


To do this, click on the display of the serial port used by the receiver.

### **Automatic Start with Windows**

The PCTV Remote control program launches automatically each time Windows is started. You can prevent this by disabling automatic program launch in the „Remote configuration“ dialog box.

### **Functional Check of the PCTV Remote Control**

In addition, you can run a functional check of the PCTV remote control in the „Remote configuration“ dialog box. To run the check, click on the *Test* button and then on any key of the remote control which has to be pointed at the receiver.

To make changes to the configuration, you can call up the „Remote configuration“ dialog box any time while the program is running. To do this, click the right mouse button on the  symbol in the taskbar, and the following window will appear:



Click on *Configuration...* to go to the "Remote configuration" dialog box.

### **Close PCTV Remote**

You can close the PCTV Remote application by clicking the right mouse button on the  symbol in the taskbar and choosing *Quit!*.

If an automatic program start is set in the configuration, the PCTV Remote will relaunch automatically the next time Windows starts (see „Automatic Start with Windows“).

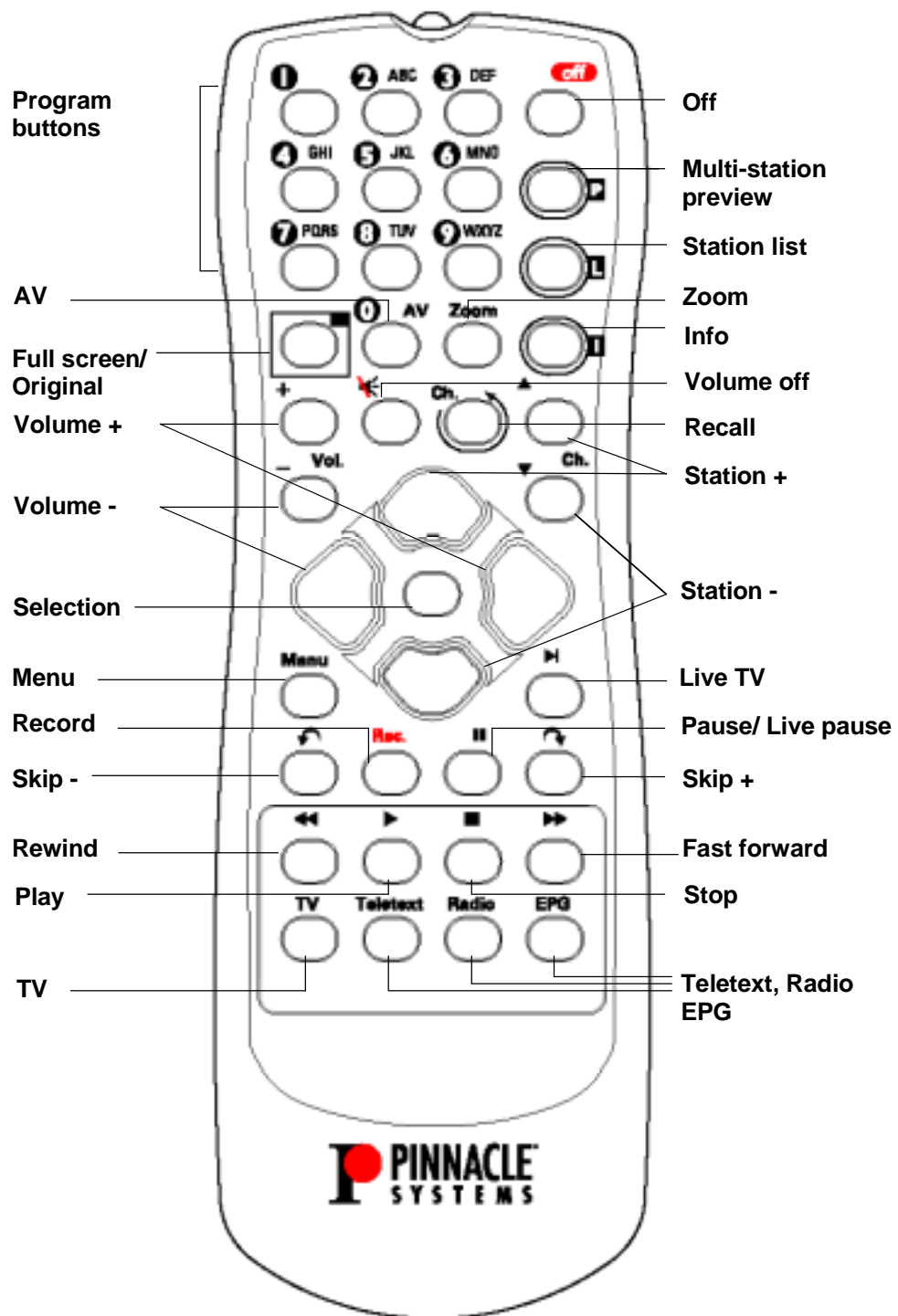
If the automatic program start was disabled in the "Remote configuration" dialog box, the program can be relaunched via the PCTV program group ...\\Tools\\Remote.

The PCTV remote control can be used for the applications PCTV Vision, PCTV Radio and PCTV Webtext (Teletext). Various functions are available depending on the currently active application. Refer to the following diagrams for the respective key layouts:

# TV AND RECORD MODE

## TV Mode

In TV mode, the keyboard layout of the remote control is as follows:

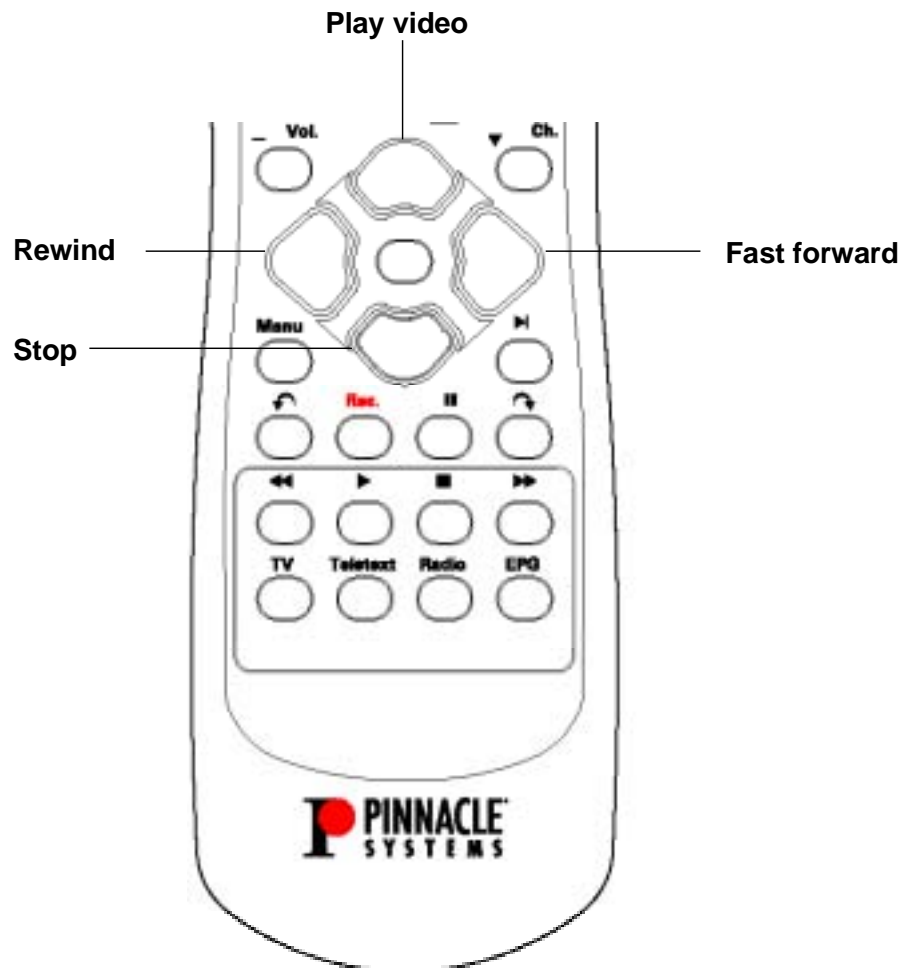


## Keyboard Layout

Off	Close TV application
Multi-station preview	Preview of all stations
Station list	Show list of stations
Channel buttons	Direct station selection / search for stations alphabetically in the list of stations by pressing the appropriate buttons repeatedly
Zoom	Zoom in/Zoom out
Info	Show station information
AV	Switch video input (Tuner, Composite, S-Video)
Maximize / Original	Show TV or video picture as fullscreen display or original size
Sound off	Switch sound on/off
Recall	Switch to last station
Volume +	Increase volume
Volume -	Decrease volume
Station +	Switch to next station in station list
Station -	Switch to previous station in station list
Selection	Menu selection
Menu	Display menu
Live TV	Switch to live TV during time shift-function
Skip -	Go x seconds backward during time shift-function
Skip +	Go x seconds forward during time shift-function
Record	Start video recording / automatic switching to recording mode
Pause/ Live pause	Interrupt video recording – activate time shift-function
Rewind	Rewind video
Fast forward	Fast forward video
TV	Display TV application / switch between TV and recording mode
Stop	Stop video
Replay	Replay video
Teletext, Radio, EPG	Display the applications Teletext, Radio, EPG

## Capture Mode

In Capture mode, the following keys of the remote control have different functions than in TV mode:

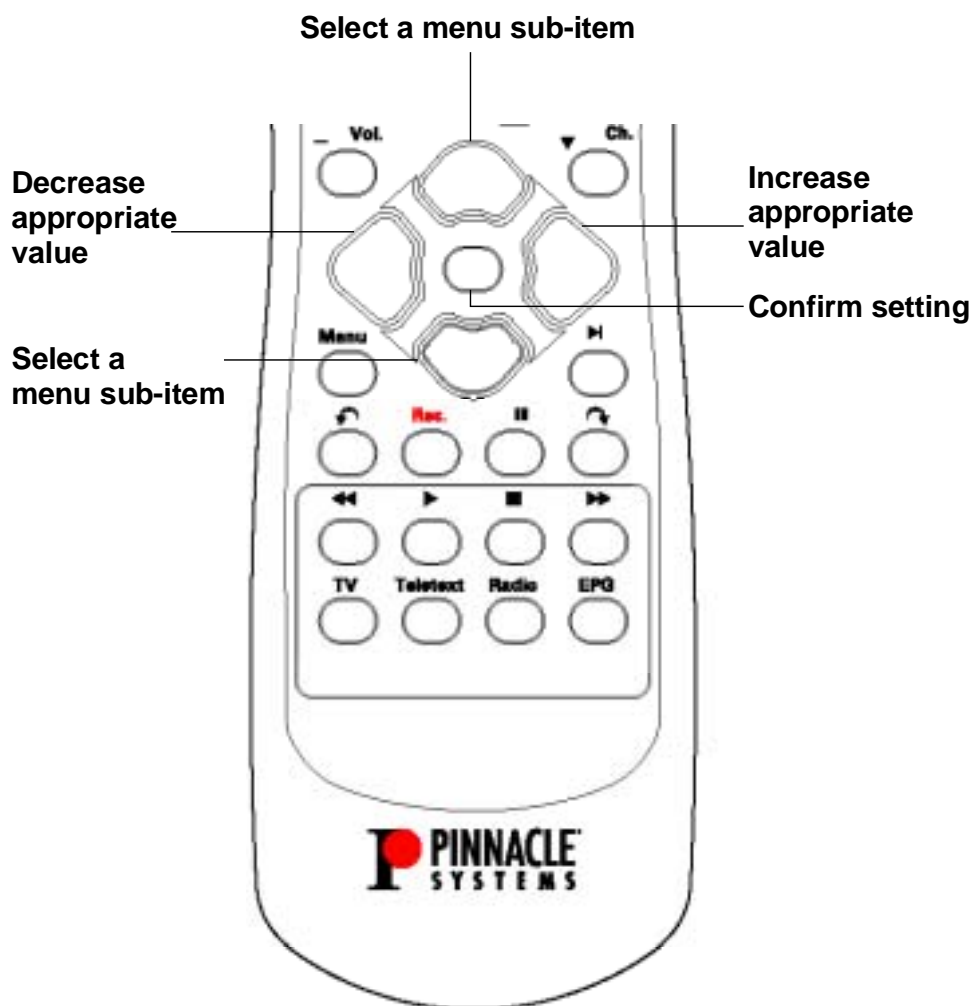




## MENU MODE

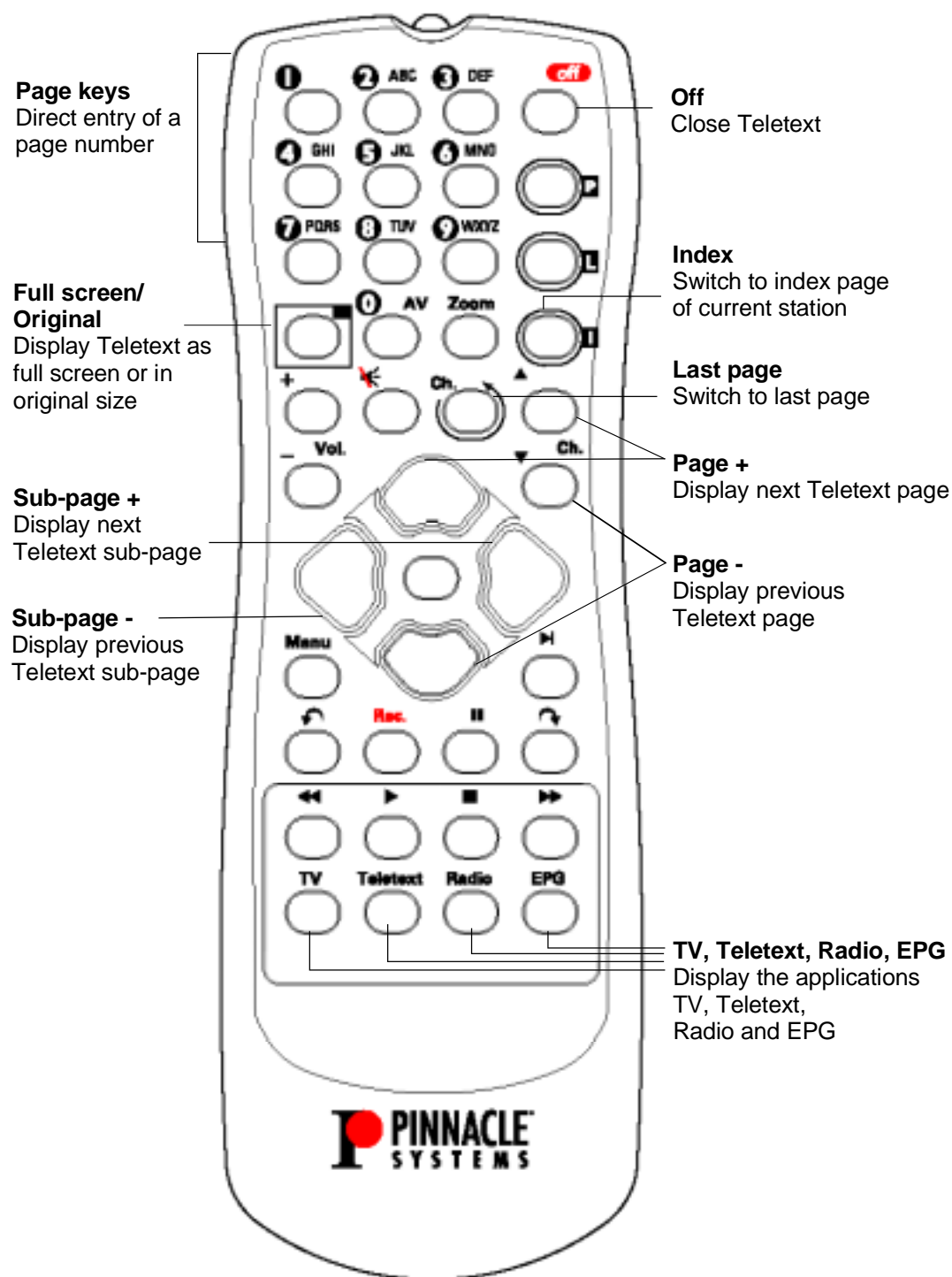
When the menu button is pressed a menu will be displayed on your PC monitor depending upon the application that is currently active.

Use the following buttons on the remote control to select menu options:



# TELETEXT MODE

In Teletext mode, the following keys of the remote control have different functions than in TV mode:



## TROUBLESHOOTING

If the remote control fails to function as expected, check to ensure that

- You are pointing the remote at the receiver.  
The angle between the remote control and the receiver should be a maximum of 30°.
- The distance between the remote and the receiver is not too great.  
The remote control has a range of about 5 metres.
- There is a clear line of sight between the remote and the receiver.
- The batteries are correctly inserted and are not run down.
- The program for the remote control program is active (recognizable by the 🗑️ symbol in the taskbar).

## CUSTOM CONFIGURATION

The remote control can be used for additional applications by assigning hot keys.



The user is solely responsible for any settings resulting from modifications. These results will not be addressed by Pinnacle Systems' Technical Support.

It is therefore recommended that customised programming is only undertaken by experienced users.

### General

Use the profiles file *profiles.in* in the directory *%installdir%\Remote* to assign specific functions to the remote control keys.

*%installdir%\* stands for your installation directory.

In the current version, these functions include:

- Start an application
- Simulate a keyboard event (pressing and releasing keys).



Back up the existing profiles.ini prior to making any changes to the file!

## Sections

The *profiles.ini* file consists of at least one **[default]** section in which the default keyboard layout is stored (among other things). After the installation, the start keys for PCTV Vision and PCTV Webtext are assigned by default:

```
[default]
for example ...
key38=EXEC c:\...\vision\vision.exe
```

...

Each program has an individual keyboard layout. The name of the main screen of each program serves as the section name:

```
[PCTV Vision]
key38=KEYBOARD ALT+T+^T+^ALT
```

...

Once the screen „PCTV Vision“ is active, the configuration section’s individual command layout of the same name [PCTV Vision] is enabled.

Command definitions of keys that were not assigned to a specific application are listed in the [default] section.

Some screens, for instance in WinWord, change their name by using the name of the currently displayed document as an extension. Currently, only the „**Fixed title - variable title**“ theme is supported. In the section **[title -]**, the fixed title part, including the hyphen, is assigned to another section name. For example:

### Hexeditor HEdit:

```
[title -]
HEdit ==HEdit
```

```
[HEdit]
key63=KEYBOARD UP+^UP
key62=KEYBOARD DOWN+^DOWN
```

## Supported Commands

The following commands are supported:

### **EXEC:**

*Description:*

Start a Windows program

*Syntax:*

**EXEC** Path of the application that is to be started [ | ] command line parameter

*Example:*

EXEC c: \WI NNT\system32\notepad. exe

### **KEYBOARD**

*Description:*

Simulate key stroke sequence

*Syntax:*

**KEYBOARD** *Key stroke sequence*

*Key stroke sequence:*

= key + [^] key + ...

*Key:*

= any ASCII-character, except lower case letters OR special keys



Prefix ^ stands for “release key”.

## Special keys

Code	Meaning / Key
CTRL	Ctrl
ALT	Alt
SHIFT	Shift key
F1...F12	F1...F12
TAB	Tab key
UP	↑
DOWN	↓
LEFT	←
RIGHT	→
ESC	Esc
ENTER	Enter key
BLANK	Spacebar
NUM0...NUM9	Keys 0...9
PGUP	Page up
PGDN	Page down

For example:

key38=KEYBOARD CTRL+ESC+^ESC+^CTRL+P+^P

→ Pressing the TV key displays the Start Menu and then the Program Menu.

## Specific Characteristics

**Key Stroke Pause** In some cases it is necessary to wait a moment after pressing the keys so that the appropriate application can respond correctly to the simulated key strokes.

To indicate the pause, the plus sign is replaced by a space.

For example:

KEYBOARD CTRL+ESC+^ESC+^CTRL P+^P

→ After CTRL + ESC, wait 100 milliseconds before pressing the P key.

**Release a Key** Releasing the key has to be indicated explicitly. This provides maximum flexibility when simulating complex key strokes.

By pressing the keys ALT + TAB, the user can toggle between open application screens. To forward through two applications, the following key stroke would be incorrect:

Press ALT once and release

Press TAB twice and release

Instead, the following key combinations are correct:

Press and hold ALT

Press TAB twice and release

Release ALT

The key strokes would be as follows:

ALT+TAB+^TAB+TAB+^TAB+^ALT

## Original Key Codes



If a key is pressed longer than one half second, you must add the value 64 to the code.

