PCTV MediaCenter Remote Control

pinnacle

GB

PCTV MediaCenter Remote Control

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Disposal and Recycling

Do not dispose of electric components in the garbage. Either return defective or unwanted devices to the retailer or take them to an appropriate recycling station!

Table of Contents

Installation 1

The installation of your remote control is dependent on your Pinnacle device:

- If you have an **internal board with a separate remote input terminal**, follow the installation instructions in the section "Internal Installation".

- If you have an **internal board without a separate remote input terminal**, follow the installation instructions in the section "Internal Installation Via a Serial Port".

- If you have an **external device**, follow the installation instructions in the section "External Installation".

The illustrations in this chapter are only examples and may differ in appearance from your hardware or remote control.

Internal Installation

- In order to install the remote control device insert the receiver cable of the remote control into the remote control input of your hardware.
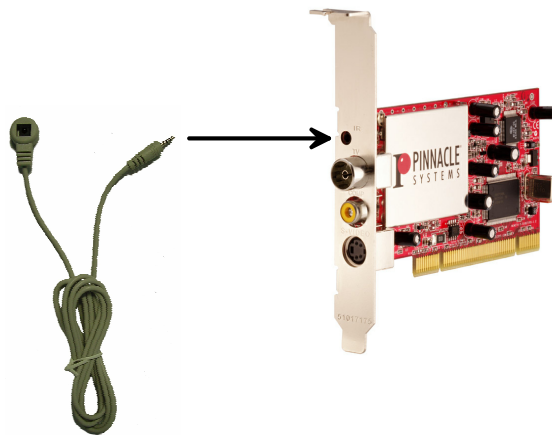
- Now fasten the other end of the receiver cable to your monitor or the housing of your computer by using the adhesive strip included in the delivery quantity.

💡 Make certain that the area between the remote control and the receiver are unobstructed.
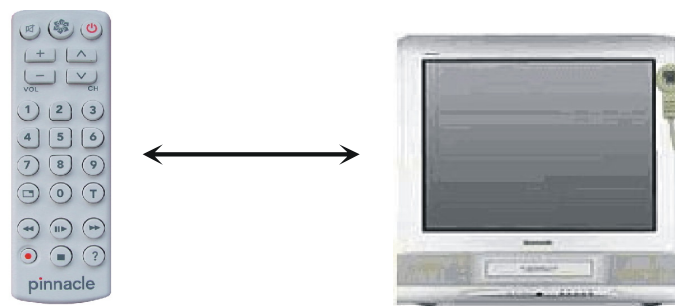
illustrations are samples

- Now insert the batteries into the remote control.

Internal Installation via a Serial Port

- Connect the 9-pin plug of the remote control receiver to an available serial port on your computer.
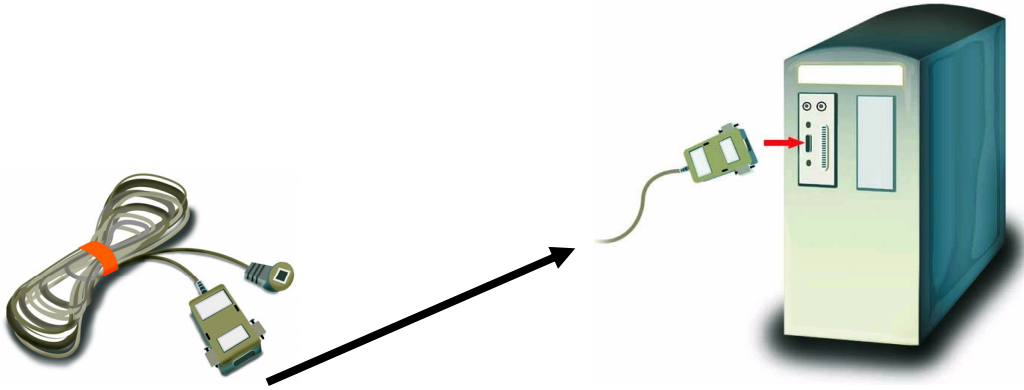
- Use the adhesive strips provided to secure the other end of the receiver to your monitor or computer housing.

  Make certain that the area between the remote control and the receiver are unobstructed.
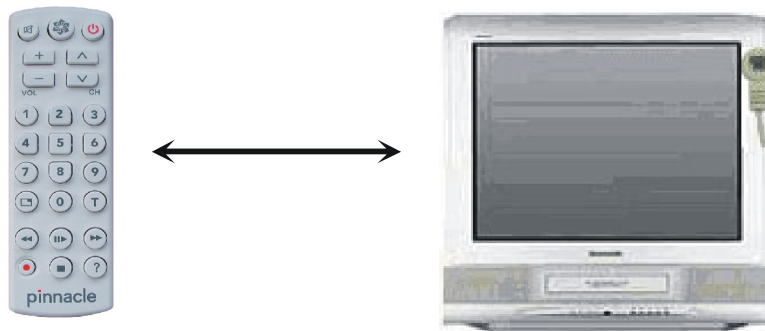
illustrations are samples

- Now insert the batteries into the remote control.

Remote Control Configuration

- After you have connected your remote control to a serial port and installed the board, you need to select which serial port the remote control receiver

should be connected to. To do this, click on the symbol ⬍ in the task bar and select the option *COM*: The dialog window "Remote Configuration" appears.

In this window, a maximum of four alternative ports are indicated. Serial ports, which are already being used or are not present, are greyed out and are not available for configuration.

Automatic serial port configuration

- To automatically configure the serial port of your receiver, click on *Auto Detection*: A test is performed to determine and display which port is being used by the receiver.

💡 If, after this test is performed, no serial port is found or displayed, check the configuration of the serial ports in your system or perform a manual configuration.

Manual serial port configuration

You can also manually configure the port.

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

Configuration Modification

- In order to modify the configuration, you can bring up the "Remote Configuration" window at any time while the program is active. To do this, use the right mouse button to click on the symbol ⬍ in the task bar and on the option *COM*.

External Installation

- Please insert the batteries into the remote control.
- The remote control infra-red receiver can be found on the front of the unit. Ensure that there is a clear line of sight between the remote control and the receiver. The range of the remote control is about 5 metres.
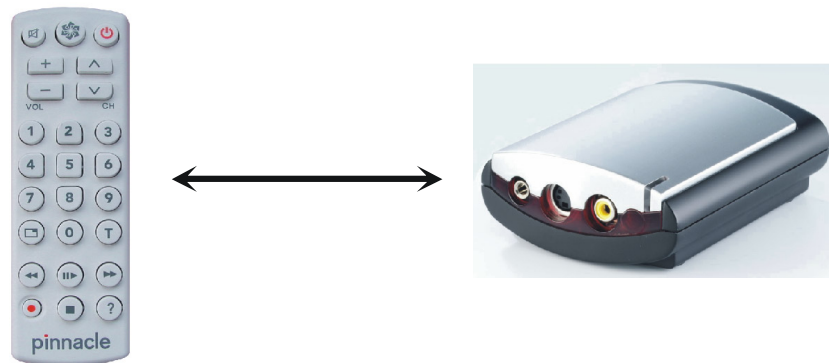
illustrations are samples

Settings

After the device has been installed, the remote control program is automatically activated each time Windows is started. The active program is indicated by the symbol ⬆ in the task bar.

To make more exact settings for your PCTV MediaCenter remote control, click on the symbol ⬆. In the context menu that now appears, there are several options available:

Select Remote Control

If you have more than one remote control installed, a list of all the remote controls available will be displayed.

▪ In order for your system to detect which remote control your would like to control your software with, you need to define the existing remote controls in your system.
To do this, click on the option *Test* and choose field 1. Now press the button on the remote control, which you would like to be associated with "Remote control 1".
Now select field 2 and press the button on the remote control, which you would like to be associated with "Remote control 2".

▪ After you have set the names of your remote controls, select the remote control in the context menu, which you would like to control your application with.

Select Hardware

If you have installed more than one device, all the devices available are displayed.

▪ In this case, select the hardware, which you would like to control with your remote control.

Automatic Program Start

In this menu, you can keep your PCTV MediaCenter remote control from starting automatically:

▪ To do this, deactivate the command *Automatically start with Windows*.

Check Remote Control Function

In the context menu described above, you can check that your remote control is functioning properly.

- To do this, click the menu option *Test* and then press any button on the remote control (which needs to be pointed towards the receiver).

Closing the Remote Control

In this context menu, you can also close the remote control program:

- To do this, select the option *Quit!*:
  If an automatic program start has been set, the next time Windows is started, the remote control program is started again ("Automatic Program Start").
  If the automatic program start has been deactivated, the program can be restarted via the Pinnacle program group under ...*Tools\Remote*.

Remote Control Button Assignments

The button assignments for the remote control depend on whether you have
Remote Control Type A / Type B / Typ C oder Typ D:

<table>
<tr><td><h2 align="center">Remote Control Type A</h2></td><td><h2 align="center">Remote Control Type B</h2></td></tr>
</table>

Remote Control Type C   Remote Control Type D

Button Assignments for Remote Control Type A

The following diagram shows you an overview of the individual functions for the Remote Control Type A:

Sound on / off		On / off
Teletext		EPG
TV		
Various other functions		Help
		Start page / Menu
Volume + / -		Channel + / -
		Up
Left		Right
		OK
Down		
Back		Switch between last 2 stations
		Pause
Full screen		Start recording
Rewind		Fast forward
Playback		Stop
Jump back		Jump forward
		Input buttons
Letter/Number		Delete
AV		
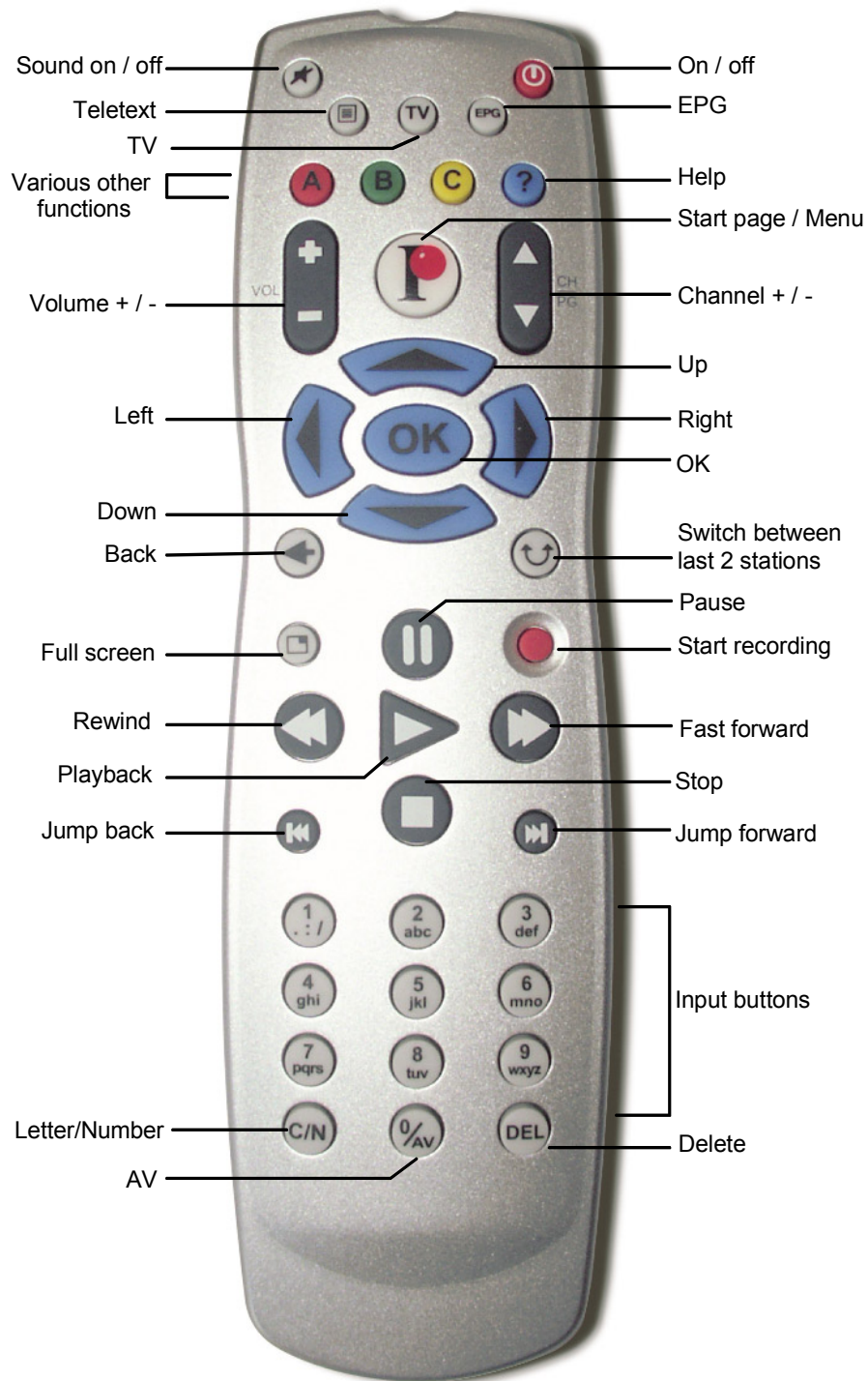
Button Descriptions in Detail

In order for you to better understand the individual button functions, they are described in detail as follows:

 On/Off

Press this button to turn the Pinnacle MediaCenter on and off.

 Sound On/Off

Press this button to turn the sound on and off.

 Start Teletext/TV/EPG

If you press the Teletext button once, the videotext is displayed fully on the screen. If you press it twice, the videotext is displayed in transparent format. Activate TV mode by pressing the TV button and open the Electronic Program Guide by pressing the EPG button.

 Various Other Functions

Depending on the type of media selected and the category, these buttons have various functions, which are each displayed on the screen. Pressing a certain button activates the corresponding function.

 Help

Press this button to activate the Pinnacle MediaCenter Online Help.

 Volume +/-

Press these buttons to increase or decrease the volume.

Start Page/Menu

Press this button to start the Pinnacle MediaCenter application or to go to either the start page (if the application is already running) or the Pinnacle MediaCenter Settings menu.

Channel +/-

While in TV mode, press these buttons to go to the next or to the previous TV channel on the station list.

Cursor buttons (up, down, left, right)

Press these buttons to move back and forth within a window and select a function. You can see which function has been selected by its highlighted background.

In videotext mode, you can scroll to the previous or next videotext page by pressing the Up or Down buttons.

OK

Press this button to start the function you have selected.

Back

Press this button to return to the previous page or menu selection.

Switch Between Last Two Stations

Press this button to switch between the current and last TV station selected.

Full Screen

Press this button to enlarge the preview window, which appears when a movie or a photo is displayed, to the entire size of your screen. Press the button again to return to the preview window.

Pause

Press the Pause button to pause the playback of a medium. To resume playback, press the Playback button.

You can also start a timeshift recording by pressing the Pause button in TV mode.

In videotext mode, you can turn the automatic page update on and off with this button.

Start Recording

Press this button to start recording the currently selected TV station. If you press the Start Recording button again or the Stop button, the recording is stopped.

Rewind/Fast Forward

With these buttons and depending on the medium, you can rewind or fast forward a movie, a piece of music or slideshow to the point you want.

In videotext mode, you can use these buttons to go to the previous or next videotext sub-page.

Playback

With the Playback button and depending the chosen medium, you can start the playback of a movie, a piece of music or a slideshow. Playback can be paused by pressing the Pause button. Press the Playback button again to resume playback from the same point.

In videotext mode, you can display hidden text by pressing the Playback button.

Jump Back/Jump Forward

Press these buttons to jump back and forth between whole tracks or music titles while playing a movie or playing music.

Stop

Press the Stop button to stop the playback of a medium or of a recording.
In videotext mode, you can use this button to rehide hidden text that you had displayed with the Playback button..

Input buttons, Letter/Number (C/N), Delete (DEL)

Press the input buttons to enter numbers (for example, to select TV stations directly or to enter your PIN code) or letters (for example, to name a playlist). To do this, repeatedly press a button until the number or letter you want appears according to the numbers or letters assigned to that button (similar to how a cell phone works).

You can also use the Letter/Number button (C/N) to do this: Depending on how often you press the button, you have only letters or only numbers available.
You can delete the letters or numbers you just entered by pressing the Delete button (DEL).

AV

Press the AV button to switch the video input between tuner, composite video or S-video.

Button Assignments for Remote Control Type B

The following diagram shows you an overview of the individual functions for the Remote Control Type B:

Start Page / Menu

Sound On/Off

Volume +

Volume -

Input buttons 0-9

Full Screen

Rewind

Start Recording

Stop

On / Off

Channel +

Channel -

Teletext

Playback / Pause

Fast Forward

Help
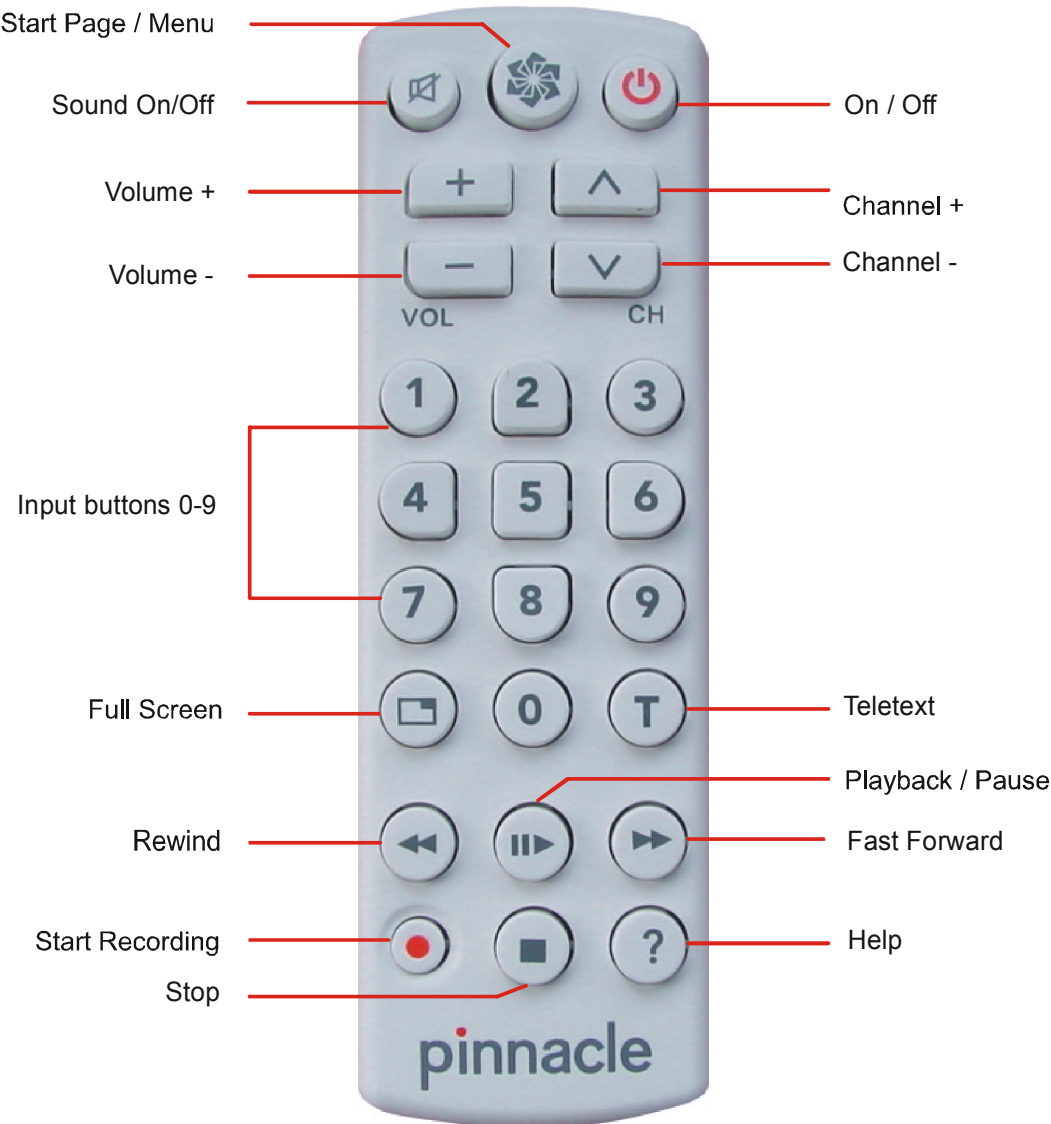
Button Descriptions in Detail

In order for you to better understand the individual button functions, they are described in detail as follows:

On/Off

Press this button to turn the Pinnacle MediaCenter on and off.

Start Page/Menu

Press this button to start the Pinnacle MediaCenter application or to go to either the start page (if the application is already running) or the Pinnacle MediaCenter Settings menu.

Sound On/Off

Press this button to turn the sound on and off.

Channel +/-

While in TV mode, press these buttons to go to the next or to the previous TV channel on the station list.

Volume +/-

Press these buttons to increase or decrease the volume.
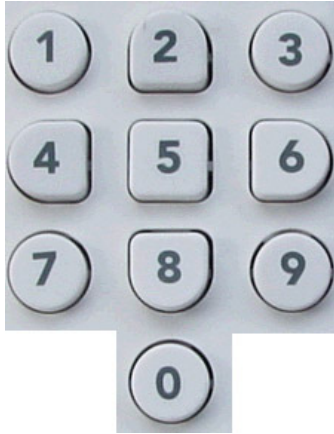
 Input buttons

Press the input buttons to enter numbers (for example, to select TV stations directly or to enter your PIN code) or letters (for example, to name a playlist). To do this, repeatedly press a button until the number or letter you want appears according to the numbers or letters assigned to that button (similar to how a cell phone works).

 Start Teletext

If you press the Teletext button once, the videotext is displayed fully on the screen. If you press it twice, the videotext is displayed in transparent format.

 Full Screen

Press this button to enlarge the preview window, which appears when a movie or a photo is displayed, to the entire size of your screen. Press the button again to return to the preview window.

 Rewind/Fast Forward

With these buttons and depending on the medium, you can rewind or fast forward a movie, a piece of music or slideshow to the point you want.

In videotext mode, you can use these buttons to go to the previous or next videotext sub-page.

⏸▶ Playback / Pause

With the Playback button and depending the chosen medium, you can start the playback of a movie, a piece of music or a slideshow. Playback can be paused by pressing the Pause button. Press the Playback button again to resume playback from the same point.
In videotext mode, you can display hidden text by pressing the Playback button.

❓ Help

Press this button to activate the Pinnacle MediaCenter Online Help.

◼ Stop

Press the Stop button to stop the playback of a medium or of a recording.
In videotext mode, you can use this button to rehide hidden text that you had displayed with the Playback button..

⏺ Start Recording

Press this button to start recording the currently selected TV station. If you press the Start Recording button again or the Stop button, the recording is stopped.

Button Assignments for Remote Control Type C

The following diagram shows you an overview of the individual functions for the Remote Control Type C:

Button Descriptions in Detail

In order for you to better understand the individual button functions, they are described in detail as follows:

On/Off

Press this button to turn the Pinnacle MediaCenter on and off.

Full Screen

Press this button to enlarge the preview window, which appears when a movie or a photo is displayed, to the entire size of your screen. Press the button again to return to the preview window.
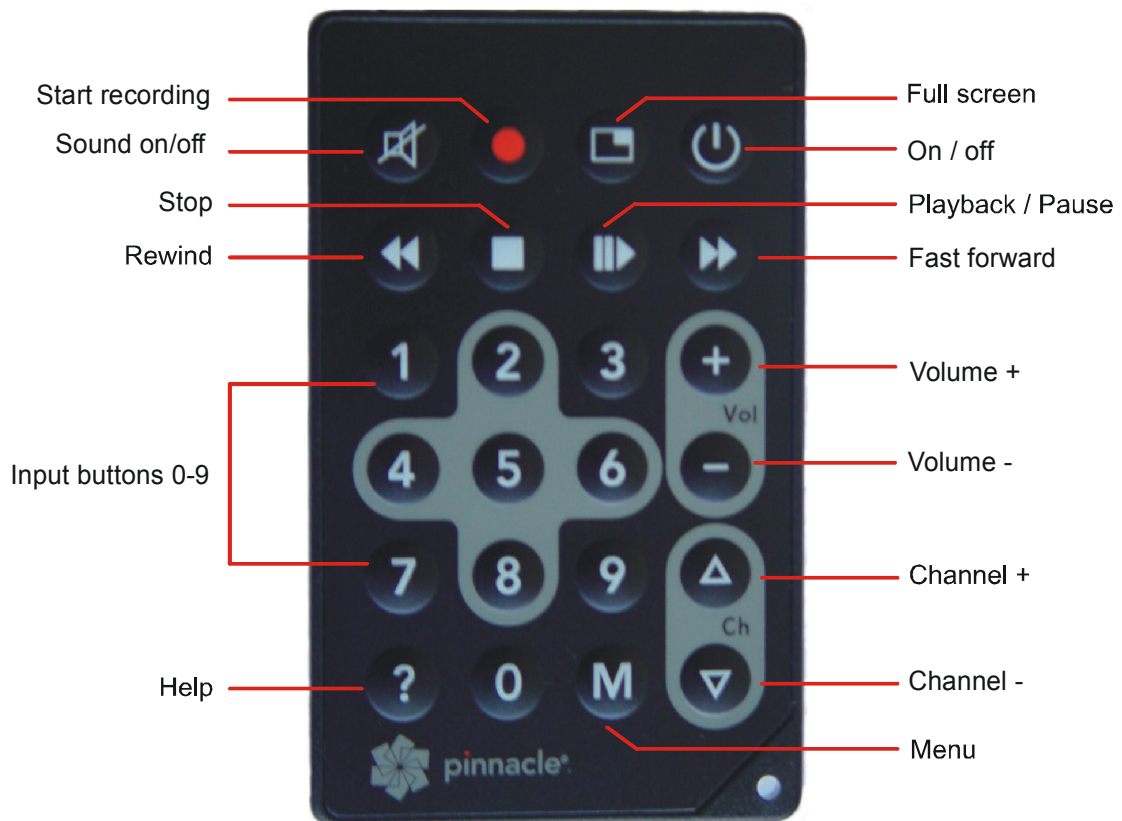
Start Recording

Press this button to start recording the currently selected TV station. If you press the Start Recording button again or the Stop button, the recording is stopped.

Sound On/Off

Press this button to turn the sound on and off.
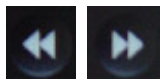
Rewind/Fast Forward

With these buttons and depending on the medium, you can rewind or fast forward a movie, a piece of music or slideshow to the point you want.

In videotext mode, you can use these buttons to go to the previous or next videotext sub-page.

Playback / Pause

With the Playback button and depending the chosen medium, you can start the playback of a movie, a piece of music or a slideshow. Playback can be paused by pressing the Pause button. Press the Playback button again to resume playback from the same point.
In videotext mode, you can display hidden text by pressing the Playback button.

Stop

Press the Stop button to stop the playback of a medium or of a recording.
In videotext mode, you can use this button to rehide hidden text that you had displayed with the Playback button..

 Input buttons

Press the input buttons to enter numbers (for example, to select TV stations directly or to enter your PIN code) or letters (for example, to name a playlist). To do this, repeatedly press a button until the number or letter you want appears according to the numbers or letters assigned to that button (similar to how a cell phone works).

 Help

Press this button to activate the Pinnacle MediaCenter Online Help.

 Start the OSD menu

Use this button to start the On Screen Display (OSD). You can continue to change TV channel using the number keys (Keys 0-9) or the arrow keys (gray keys) on the remote control.

 Volume +/-

Press these buttons to increase or decrease the volume.

 Channel +/-

While in TV mode, press these buttons to go to the next or to the previous TV channel on the station list.

Button Assignments for Remote Control Type D

The following diagram shows you an overview of the individual functions for the Remote Control Type D:

Left labels	Right labels
Input buttons	Off
	Multi-channel preview
	Station list
AV	Zoom
Full screen display	Info
Sound Off/On	Switch between last stations
Volume +	Channel +
Volume -	Channel -
Confirm	Cursor up
Cursor left	Cursor right
	Cursor down
Menu	Start live TV
Start recording	Pause
Jump back	Jump forward
Play	Stop
Rewind	Fast forward
Start TV	Start EPG
Start Teletext (videotext)	Start Radio
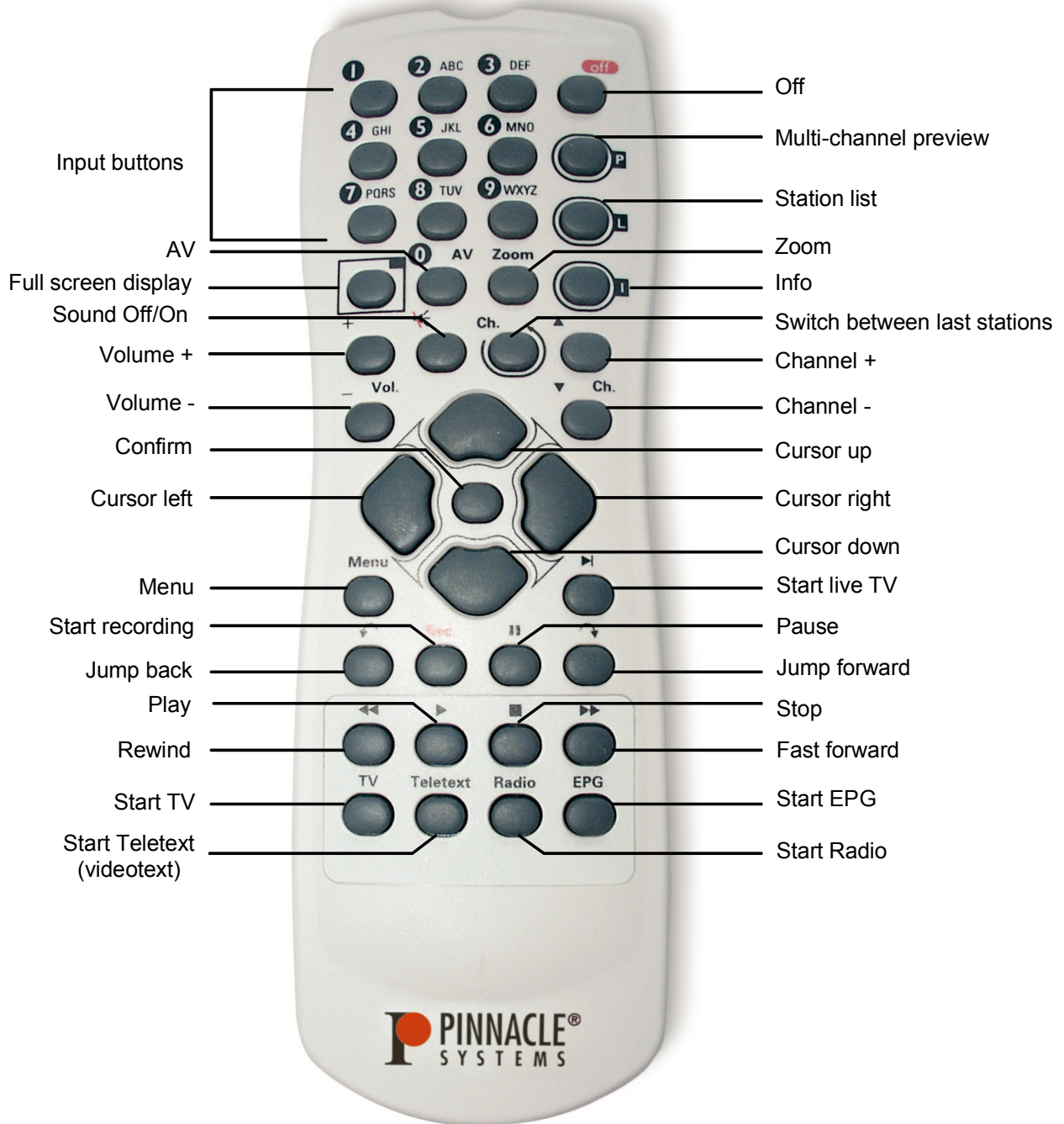
Detailed Description of the Buttons

In order for you to better understand the individual button functions, they are described in detail as follows:

Off

The Pinnacle MediaCenter can be switched Off with this button.

Input buttons

Press the input buttons to enter numbers (for example, to select TV stations directly or to enter your PIN code) or letters (for example, to name a playlist). To do this, repeatedly press a button until the number or letter you want appears according to the numbers or letters assigned to that button (similar to how a cell phone works).

Full-screen display

Press this button to enlarge the preview window, which appears when a movie or a photo is displayed, to the entire size of your screen. Press the button again to return to the preview window.

AV

The AV button allows you to switch the video input between the tuner, composite video or S-Video.

Zoom

The zoom button allows you to zoom in on an image during live TV coverage or media playback. Press the button again to zoom out of the image.

Multi-channel preview

With this button you can call up a preview of all of the television channels available.

Station list

Use this button to open the station list in order to get an overview of all the stations available and edit them as well.

Info

This button lets you display station information such as the name of the currently selected television channel, the time or mono / stereo reception.

Sound Off/On

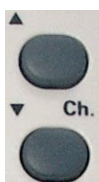This button switches the sound off and on.

Switch between last stations

This button lets you toggle between the current and the last selected television channel.
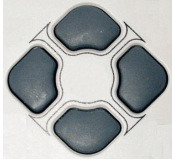
Volume +/-

You can increase or decrease the volume by using these buttons.

Channel +/-

With these buttons you can switch to either the next or the previous television channel of the station list.

 Cursor buttons (up, down, left, right)

Press these buttons to move back and forth within a window and select a function. You can see which function has been selected by its highlighted background.

In videotext mode, you can scroll to the previous or next videotext page by pressing the Up or Down buttons.

 Confirm

Use this button to start the selected function.

 Menu

This button allows you to enter the DVD menu when playing a DVD. Pressing the button while playing any other medium will call up the Pinnacle MediaCenter Settings Menu.

 Start live TV

This button lets you switch to live TV when playing back a time-shifted recording.

 Start recording

With this button you can begin recording the selected television program. Recording can be interrupted through renewed pressing of the start or stop button.
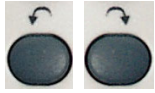
 Pause

Use this button to temporarily stop playback of a particular medium. To continue simply press the play button.

In addition, you can start a time-shift recording by pressing this button in TV mode.

In videotext mode you can use this button to either activate or deactivate the automatic page update function.

Jump back/Jump forward

With these buttons you can jump back or forward to entire tracks or music titles when showing a film or playing music.
In addition, you can also jump to either the first videotext page (100) or the last videotext page (899) in videotext mode.

Play

Depending on the selected medium, you can use the Play button to start a film, a music piece or a photo slideshow. Playback can be stopped by pressing the Pause button or continued at the same point by pressing the Play button once again.
In videotext mode you can press the Play button to have hidden text displayed.

Stop

Use the Stop button to stop a playback or recording.
In videotext mode you can use this button to hide the text again which you had displayed by pressing the Play button.

Rewind/Fast Forward

Depending on the selected media, you can use these buttons to rewind and/or fast forward a film, a music piece or a photo slideshow to any desired position.
In videotext mode you can use these buttons to go to either the previous or the next videotext sub-page.

Start TV/Teletext/Radio/EPG

Use the TV button to activate TV mode.
Press the Teletext button once to call up videotext so that it is fully displayed on screen and twice to display videotext in transparent form.
If radio operation is included in your delivery quantity, then you can start it by pressing the radio button.
You can use the EPG button to call up the Electronic Program Guide.

Troubleshooting

If your 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 *…\shared files\programs\remote* to assign specific functions to the remote control keys.
…\shared files\programs stands for your installation directory.

In the current version, these functions include:
- Starting an application
- Simulating 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 Pinnacle MediaCenter are assigned by default:

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

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

```
[Pinnacle MediaCenter]
key38=KEYBOARD ALT+T+^T+^ALT

...
```

Once the screen „Pinnacle MediaCenter" is active, the configuration section's individual command layout of the same name [Pinnacle MediaCenter] 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 Word, 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:\WINNT\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 on the key pad
NUMDIV	/ key
NUMMUL	* key
NUMSUB	- key
NUMADD	+ key
SCROLL	Scroll Lock key
NUMLOCK	Number Lock key
PGUP	Page up
PGDN	Page down
Back	←––
POS1	Pos1 key
End	End key
Delete	Del key
Insert	Insert key

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

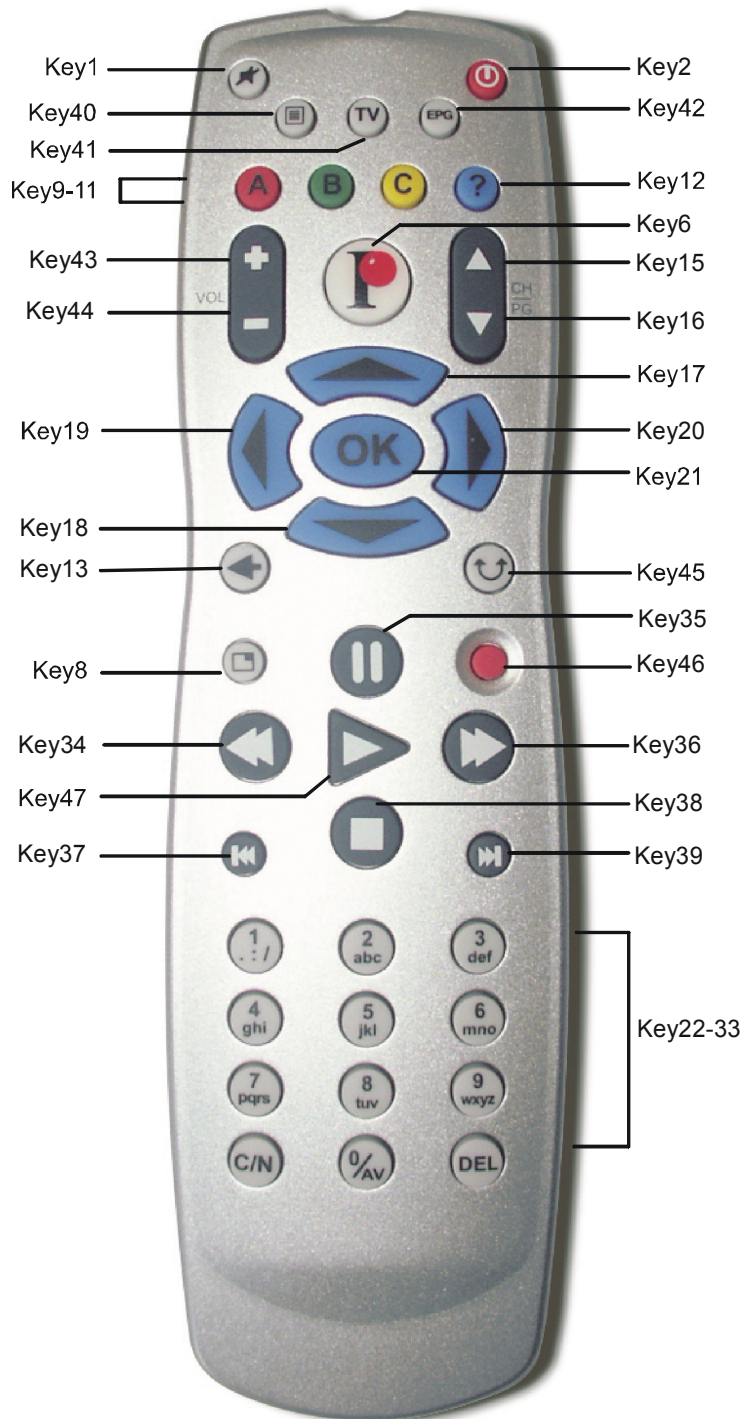The key strokes would be as follows:
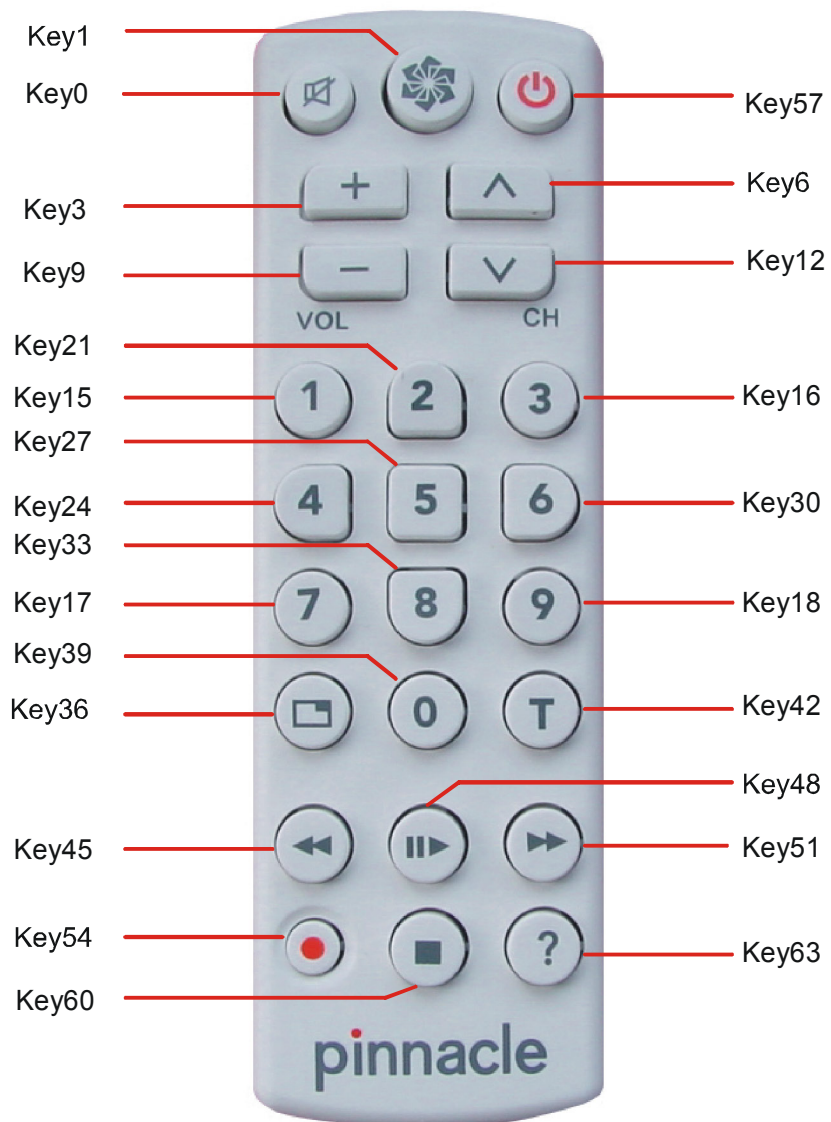
```
ALT+TAB+^TAB+TAB+^TAB+^ALT
```

Original Key Codes

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

Original key code for remote control type A

Key1 — Key2
Key40 — Key42
Key41 —
Key9-11 — Key12
— Key6
Key43 — Key15
Key44 — Key16
— Key17
Key19 — Key20
— Key21
Key18 —
Key13 — Key45
— Key35
Key8 — Key46
Key34 — Key36
Key47 —
Key37 — Key38
— Key39
Key22-33

Original key code for remote control type B

Original key code for remote control type Typ C

Key3

Key0

Key15

Key12

Key30

Key24

Key39

Key36

Key48

Key26

Key57

Key54

Key6

Key9

Key18

Key21

Key25

Key33

Key42

Key45

Key27

Key51

Key63

Key60

Original key code for remote control type Typ D

Key49-57

Key58
Key45
Key60
Key27

Key15
Key26
Key61

Key29
Key39
Key22
Key13
Key14
Key38
Key41

Key47
Key46
Key31
Key30
Key43
Key37
Key23

Key28
Key63
Key59
Key62
Key25
Key21
Key19
Key11
Key07
Key24
Key42