



# TVA-600 TV Card Instruction Manual



Article No. 5200-00002-00



FM radio



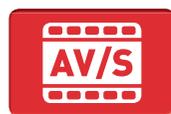
Digital Video recorder



Time Shifting



Snapshot Function



S-Video



incl. Remote Control



Thank you for deciding  
on purchasing this  
quality product  
from TYPHOON.



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## Dear Customer:

This instruction manual will give you a general idea of how this device operates, as well as provide you with information on cleaning and safety procedures. Please take a few minutes to read and follow all safety and operating instructions found in this manual carefully, in order to maintain this products condition and ensure safe operation. Retain this manual for future reference and pass on to third parties where applicable.

Should you have any additional questions regarding this device or should any suggestions arise, please contract a specialized dealer or our service team for further information.

**We look forward to you recommending us to others and hope you enjoy using this device from TYPHOON.**

## Your TYPHOON Team



Please adhere to all of the safety information/instructions found in this instruction manual!

### Note

All company and product names mentioned in this document are registered trademarks of their respective owners. All rights reserved.

We assume no liability for damage occurred as a result of improper use or damage resulting from the failure to comply with the safety instructions found in this manual, improper operation or handling! Under such circumstances, all claims under warranty will become void. We assume no liability for consequential damage!

The information contained in this instruction manual is subject to change without notice.

A declaration of CE conformity has been established for this product. Certification has been documented and entrusted to the manufacturer.

# 1 Intended use

The TVA-600 TV Card from Typhoon can be used to watch, listen to and record television programs and FM radio on your personal computer. You can transfer and store videos from a video recorder, camcorder, PC camera or other video source to your computer's hard disk. Use the included remote control for even more TV enjoyment.

## 1.1 Before use

Please read this instruction manual thoroughly before operating this device and retain it for further reference, questions and use. Following and heeding all information found in this instruction manual shall maintain this products condition and ensure safe operation. This instruction manual contains information on how to operate and maintain this device. Should a component require maintenance, servicing or repairs, then please consult a qualified dealer or service technician.

## 1.2 Explanation of symbols



An exclamation mark is intended to inform the user of important information, operation or maintenance instructions or that special attention is required.



This symbol is intended to alert you to the presence of unprotected, live parts or components found within the product's enclosure or of dangerous connections that upon contact may be of sufficient magnitude to constitute a risk of electric shock. Cables intended for such connections should only be connected by qualified personnel or you should only use ready to connect cables.

### Note

When connecting other devices, please refer to the safety and operating instructions found in the literature accompanying these devices.



### Note

There are no user-serviceable parts found inside the device. **Therefore the device is never to be opened.**

## 2 Safety information

The following safety and hazard warnings are not only for the protection of your device, but also serve as a protection against potential health hazards. Please take time to read the following instructions carefully.



We assume no liability for personal or property damage resulting from the failure to comply with the safety instructions, improper operation and handling. Under such circumstances, all claims under warranty will become void.



For safety and licensing (CE) reasons any unauthorized modification and/or change on the device is prohibited and will void the warranty and all warranty claims.

Any person operating, installing, setting up, or servicing this device must be trained and qualified accordingly and must also observe these operating instructions.

Ensure that the device has been set up accordingly by following all instructions found in the instruction manual.

Should any evident damage be seen on the device, do not come in contact with or touch these. Switch off the corresponding circuit breaker in the power distribution panel first before carefully unplugging the power plug from the wall outlet. Do not operate this device further! Please contact or take it to a qualified service technician/specialty workshop.

### Note

For safety reasons always unplug the device from the power outlet during thunderstorms.

Eliminate potential tripping hazards by routing cables so that no one can trip or stumble over them.

Never use the device if it is damaged.

## 2 Safety information Part 2



**This device is not suitable for children under 3 years of age.**

Small children are unaware of the serious and immediate dangers involved when exposing themselves to or handling electronic devices.

Furthermore, this product contains small parts that could be swallowed. Never leave packaging material lying around unsupervised. For children it could become a hazardous toy and lead to serious injury. Keep packaging and protective foil away from children at all times to avoid the danger of suffocation.

**The device should never come in contact with water or moisture.**

To prevent the risk of fire or electric shock make sure that liquids, such as dripping or splashing water, rain or moisture, do not come in contact with the device and power supply plug.

**Operate this device in a moderate climate and never expose to extreme temperatures, such as high humidity.**

Condensation can build up suddenly when this device is brought from a colder into a warmer area (e.g. when transporting). Should this happen, allow the device to warm up to room temperature first before using.

Care should be taken that liquids do not come in contact with the interior; this is why containers containing liquids, e.g. bucket, vase or plants should never be placed anywhere near or on this device. This can not only damage the device, but also become a fire hazard.

It is imperative to avoid contact with moisture, e.g. in the bathroom.



**Note**

Never touch the power plug with damp or wet hands.

**There is the risk of electric shock!**

## 2 Safety information Part 3

### Ensure proper ventilation during operation.

Never block ventilation openings with magazines, tablecloths, curtains or similar.

Never place any sources of fire on top of or near the device and power supply plug (e.g. lighted candle).

**Please adhere to the additional safety information found in the individual chapters of this instruction manual.**

When connecting other devices, please refer to the safety and operating instructions found in the literature accompanying these devices.



Please contact our technical hotline or a service technician for further information, should you be in doubt about device operation, safety or when making connections or if any questions arise that are not explained within this manual.

### 2.1 Copyright information

The reproduction, duplication and copying of copyright protected material, as well as the distribution, circulation, public access to or even the rental of these, without explicit authorization of the copyright holder, is strictly prohibited.

### Note

Contribute to a better environment by using a designated disposal system (e.g. Dual System in Germany) or recycling site for the disposal of packaging material.

### 3 Features

- A/V and S-Video connection for viewing and recording from an external video source
- Infrared remote control for a more comfortable TV experience
- FM radio reception and recording
- Full channel and automatic scan
- Free zoom in/out or full screen options
- Scheduled recordings and TimeShift function
- Resolution up to 720 x 576 for PAL or up to 720 x 480 for NTSC
- Encodes MPEG-1, MPEG-2 and MPEG-4
- Supports video playback
- Image browse function
- Creates and stores snapshots as JPG, PNG, GIF or BMP files
- Compatible with a Windows® XP, Windows Vista® and Windows® 7 operating system

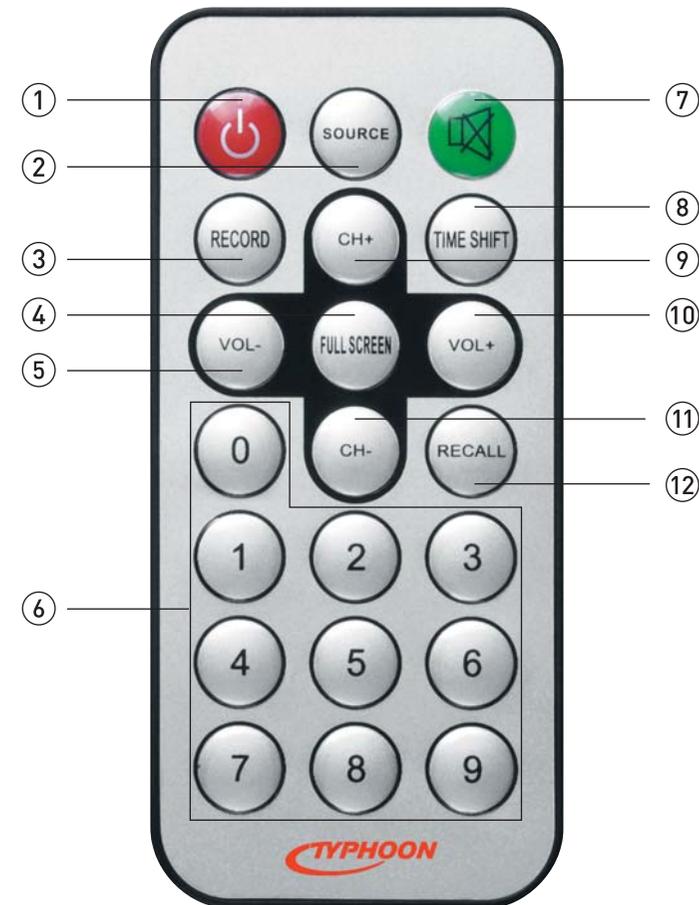
### 4 The device

- 1 Video/FM radio jack
- 2 TV antenna jack (CABLE)
- 3 S-Video output for external devices such as a video camera or DVD player
- 4 Audio input for external audio sources
- 5 Audio output for sound card connection with the included cable
- 6 Remote input for the remote control's infrared receiver
- 7 PCI connector



## 4.1 Remote control

- 1 **Power** — Starts/Ends TVR software
- 2 **SOURCE** — Source selection (TV, cable, external source or radio)
- 3 **RECORD** — Starts/Stops recording
- 4 **FULLSCREEN** — Activates/Deactivates a full screen mode
- 5 **VOL-** — Decreases the volume
- 6 **Number pad** — For direct program input
- 7 **Mute** — Activates/Deactivates the sound
- 8 **TIMESHIFT** — Time-delayed television
- 9 **CH +** — Next channel
- 10 **VOL+** — Increases the volume
- 11 **CH -** — Previous channel
- 12 **RECALL** — Return to the previously-viewed channel



## 4.2 Batteries

This remote control requires one CR2025 battery for operation.

### 4.3 Inserting/Changing batteries

Carefully remove the battery compartment lid. Remove the battery and dispose of accordingly. Remove a new battery from its packaging and insert into the battery compartment. Ensure correct polarity as indicated on the back of the remote control.

For best possible results, point the remote control directly at the device. Ensure that there is not more than a distance of 5 meters between the remote control and device and that the remote control is not used at an angle of over 60 degrees.

### 4.4 Information on handling batteries/rechargeable batteries



Please adhere to the following information when handling batteries and rechargeable batteries:

Keep batteries out of children's reach. Batteries are hazardous waste and do not belong in household waste. Ensure that batteries are always inserted according to the correct polarity. Always remove batteries when not in use for longer periods of time. Never leave batteries lying around unsupervised. These could pose a choking hazard to children and pets if swallowed. Seek emergency medical care immediately, should this happen. Never expose batteries to extreme temperatures, such as for example resulting from sunlight, fire or ovens. There is the risk of explosion! Make sure that batteries are not dismantled, short-circuited or are thrown into fire. Never recharge non-rechargeable batteries. There is a risk of explosion! Please follow manufacturer instructions when charging rechargeable batteries. Touching leaking or damaged batteries could cause skin burns. Use suitable protective gloves when handling such batteries. Always ensure that the device has been turned off after use. Replace all batteries at the same time. Clean battery and device contacts before inserting, where necessary. Try to avoid deep discharges when using rechargeable batteries.

#### Note

Always remove the battery when storing or if the device it is not in use for longer periods of time.

Dear Customer!



**Note:**  
**Do not throw batteries and rechargeable batteries into household waste!**

Consumers are legally obligated to return used and rechargeable batteries, whether they contain harmful substances\* or not, to designated recycling areas, disposal sites, or stores where batteries/rechargeable batteries can be bought. By doing so, you are fulfilling all legal battery recycling and disposal obligations and are contributing to a better environment. Make sure batteries are completely discharged before disposing!

\*) marked with Cd = cadmium Hg= mercuric Pb= lead

## 5 Setup & Installation

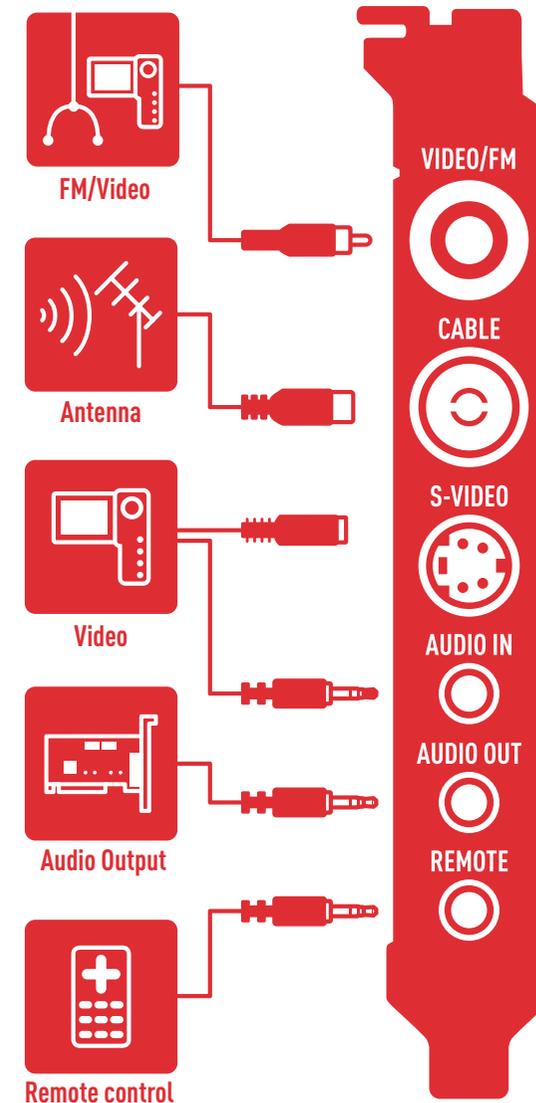
Perform the following setup in the stated order to ensure and guarantee proper use and performance.

### 5.1 Card installation

Ensure that your computer and all other connected devices have been turned off and that power cables have been disconnected from power supply sources. Make sure that you take precautions in preventing static discharge between you and the computer. Touch an unpainted, metal ground briefly (e.g. radiator/heater) to discharge yourself or wear an anti-static wrist strap to prevent damage to components.

- Remove the panel from your computer's case. Refer to the instructions found in the literature accompanying your computer on how to open the case.
- Carefully insert the TVA-600 into an available PCI 2.1 slot. Ensure that it locks into place firmly.
- Secure the TVA-600 as intended for your computer into place (quick release, screw...).
- Replace the case panel on your computer to close.
- Carry out all further connections, e.g. connecting the antenna cable and IR sensor cable.
- Connect your computer to a power source again.

### 5.2 Connection diagram



 Destructive static charge can be easily collected by just moving your feet on the floor, by shifting the position in your chair or even while sitting at a work bench. That is why it is important to discharge yourself frequently while working if you do not have an anti-static wrist strap.

 The audio output on the TVA-600 is solely intended for connection to the audio input on your computer's sound card. On no account should any other type of sound reproduction device be connected to this jack (e.g. earphones). **If the TVA-600 audio output is not connected to your sound cards audio input, no sound can be established through your computer.**

 Before using any external devices with the TVA-600, read the instruction manuals accompanying these devices thoroughly first.

**Note**

The sensor should be attached in such a way that visual contact between the sensor and remote control exists.

### 5.3 Driver CD

Take the included CD and insert it into your disk drive and follow the step-by-step instructions on screen.

If an automatic setup does not start after insertion, carry out the following steps as explained below.

#### Note

It is highly recommended to close all background programs before installing the driver.

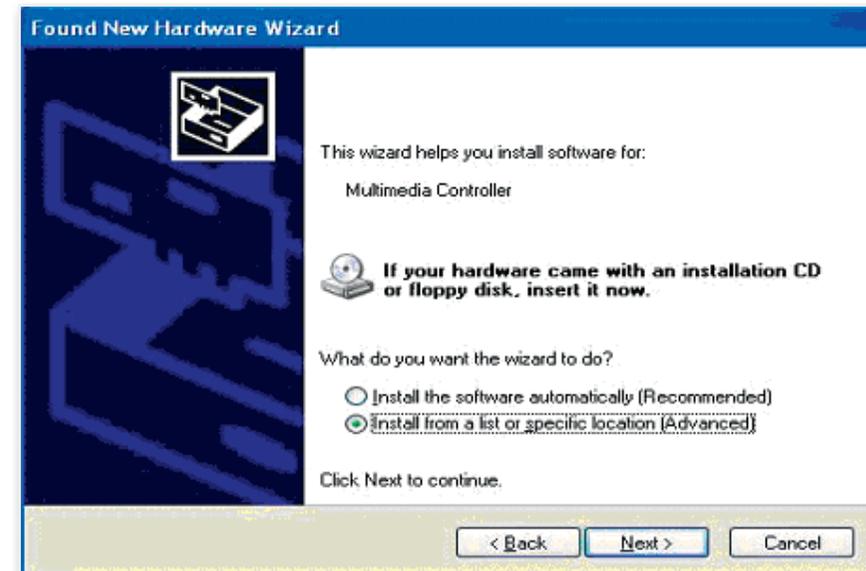
### 5.4 Driver installation

A dialogue box for newly found hardware will appear on screen shortly after starting your computer.

Make a selection and click on „Next“ to continue.

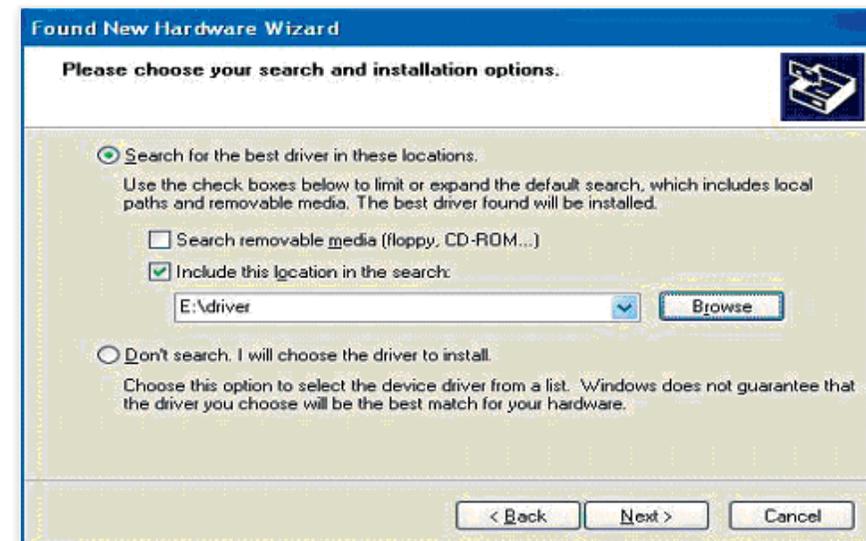


Select „Install from a list or specific location“ and click on „Next“.



Insert the Driver CD into your CD disk drive. Click on the checkbox „Include this location in the search“. Select your CD disk drive via „Browse“. In this picture „E:\“ is displayed as the drive with the driver CD. Click on „Next“ to continue.

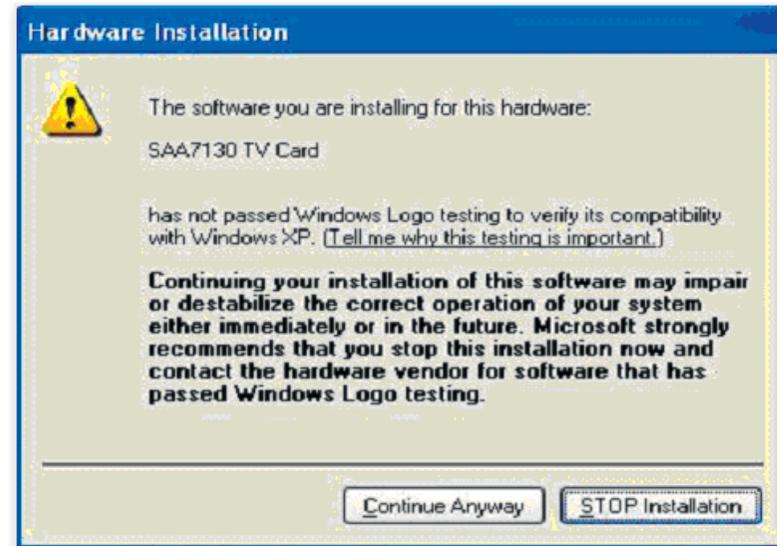
Searching for driver software will begin. This can take a few minutes to complete.



Click on „Continue Anyway”.

Windows „New Hardware Wizard” will guide you step-by-step through the entire installation process.

Driver installation will begin. This can take a few moments to complete.



Click on „Finish” to complete the installation. The card has now been successfully installed.



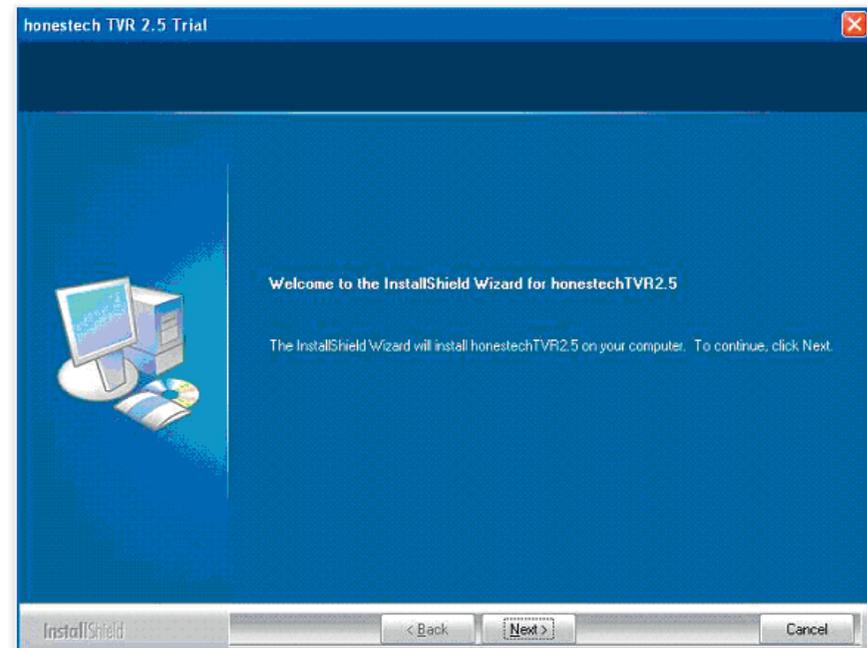
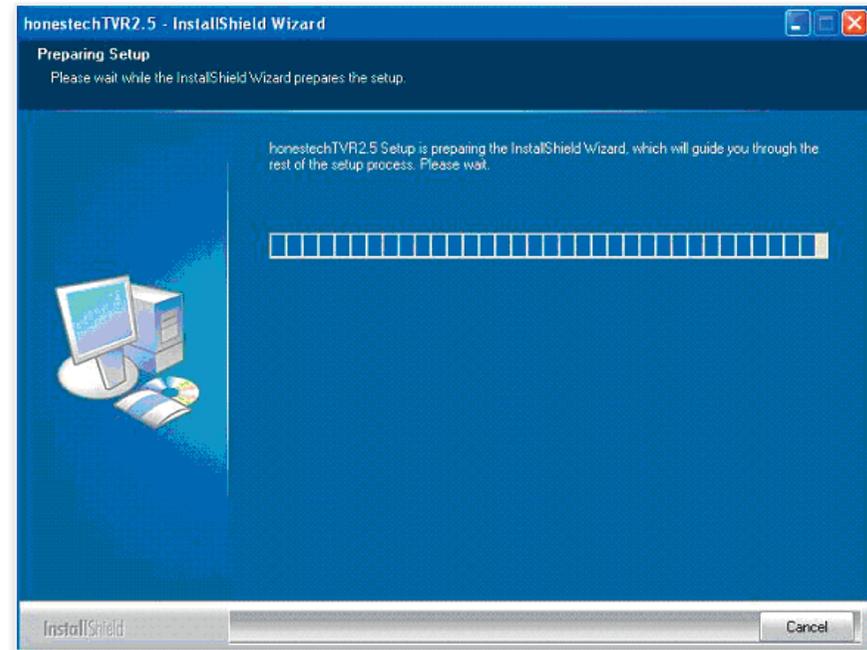
## 5.5 Installing Honestech TVR

Insert the driver CD into your disk drive.

Double-click on: „My Computer” > Disk drive with the installation CD > „APP” > Setup.exe

Preparation for installation will begin. This can take a few minutes to complete.

Click on „Next”.



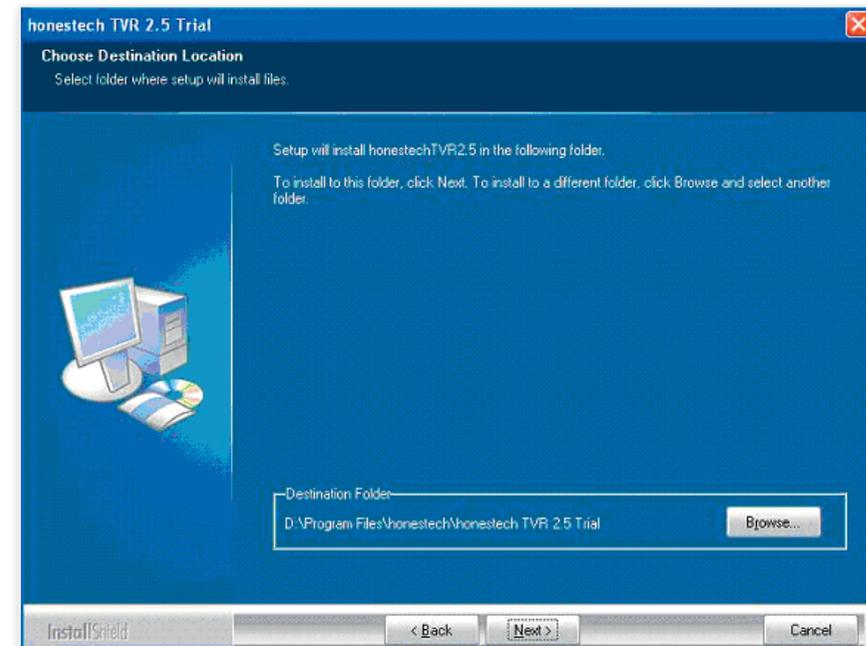
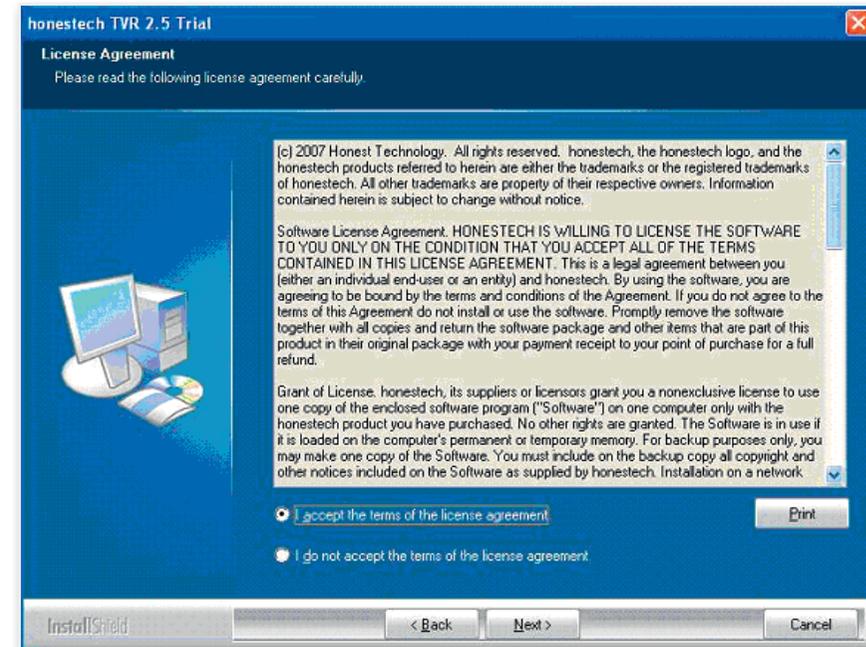
You will have to accept the terms of the license agreement in to continue with software installation.

**After reading through terms thoroughly, select „I accept the terms in the license agreement” und click on „Next” to continue with the installation process.**

Click on „I do not accept the terms of the license agreement” if you do not want to accept these terms.

**In this case the installation will be aborted.**

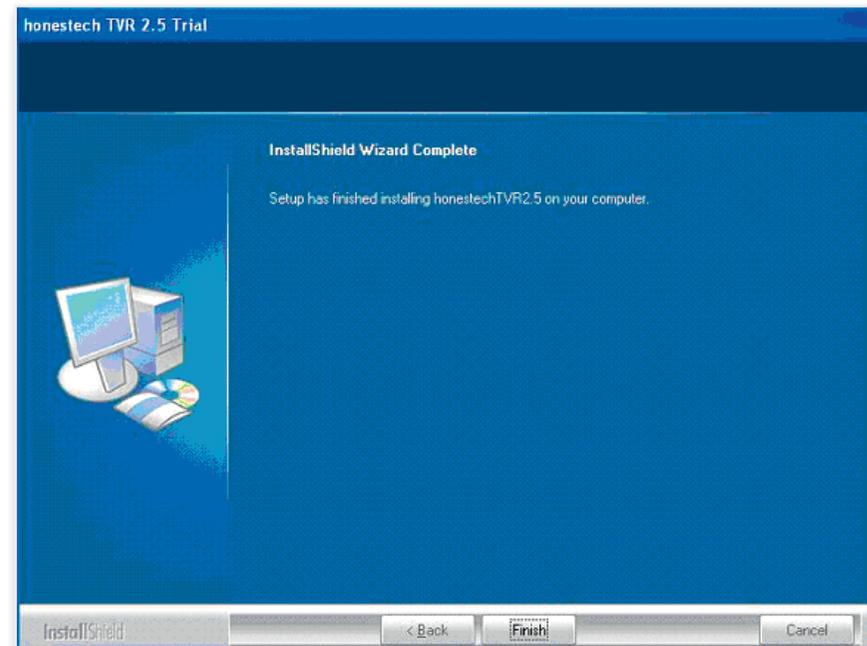
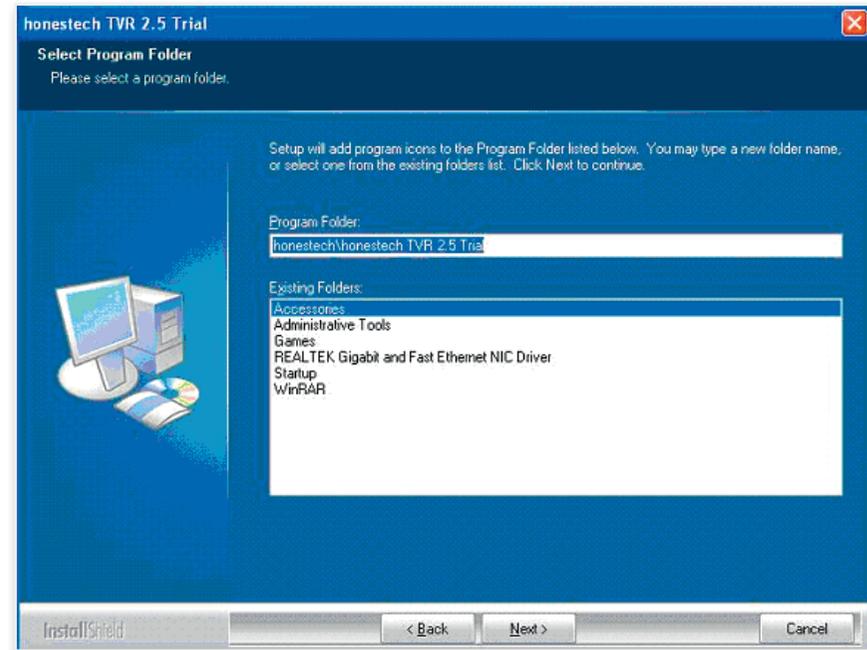
Select a target directory via „Browse” or agree to the standard directory and click on „Next”.



Select a folder for the start menu or agree to the standard directory and click on „Next”

Software will now be installed.  
This can take a few moments to complete.

Click on „Finish” after a successful installation has been completed.



## 6 TVR software

Use the start menu to help start the television software „Honestech TVR”.  
 Select: Start > Program > Honestech TVR > Honestech TVR  
 (or the name or location of installation changed during installation)

When running the application for the first time, you will be required to enter a registration number. This number is located on the CD cover.

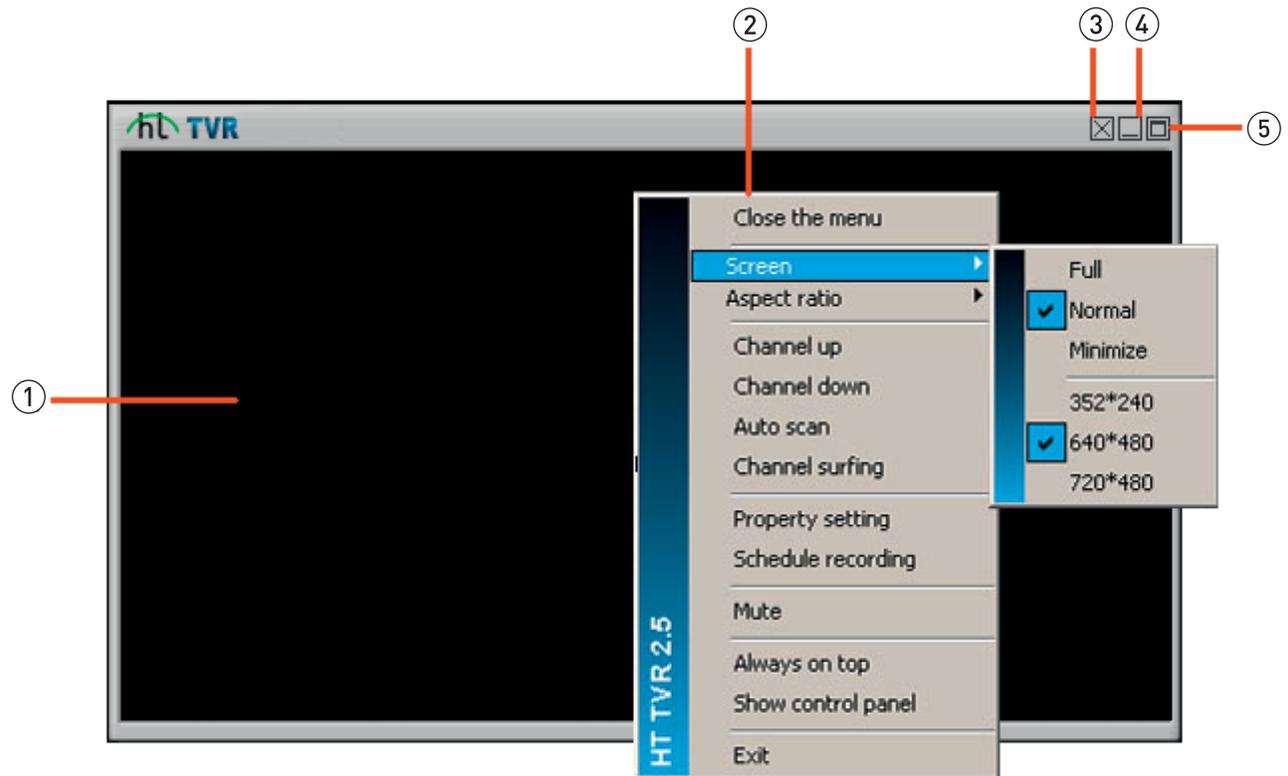
### Note

You will be asked to select the country in which you are located in when starting for the first time. After selecting a country and confirming with „OK”, the software will carry out an automatic channel scan.

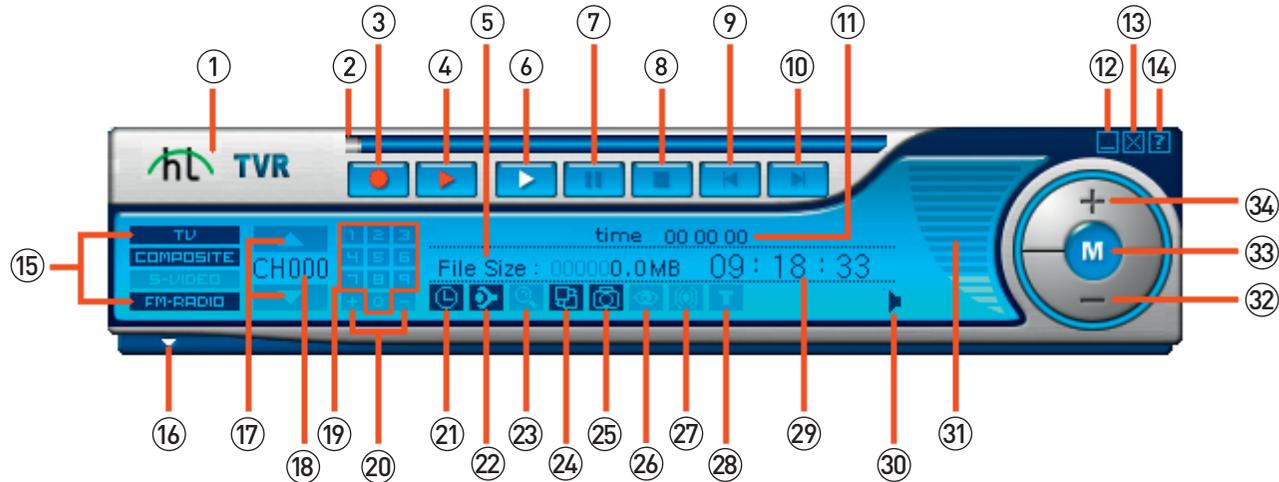
### 6.1 User interface

#### Display

- 1 Display
- 2 Options menu — Right-click on the display window to open this menu.
- 3 Exit Honestech TVR
- 4 Minimize display
- 5 Activate a full screen mode (or double-click on the display window to maximize)  
 Double-click on the display window again to exit a full screen mode.

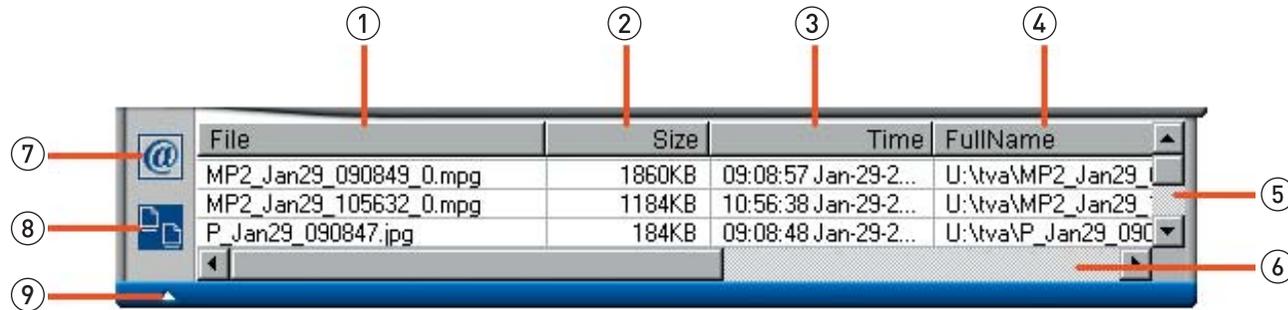


## Control panel



- |  |   |
|--|---|
| 1 Links to the website <a href="http://www.honestech.com/main/index.asp">http://www.honestech.com/main/index.asp</a>   | 17 Channel/Frequency upwards/downwards                      |
| 2 Progress bar: displays the elapsed playing time and the remaining time of a file   | 18 Channel number   |
| 3 Starts/Stops a recording   | 19 Number pad   |
| 4 Starts the TimeShift function (time-delayed television)  | 20 Add/Delete the current station to/from the channel list  |
| 5 Displays the actual recording file size  | 21 Opens the menu for scheduling programs                   |
| 6 Starts playback  | 22 Opens the settings menu                                  |
| 7 Pauses/Resumes playback  | 23 Opens the channel scan menu                              |
| 8 Stops playback/the TimeShift function  | 24 Opens the change skin colour menu                        |
| 9 Return to the beginning of the file  | 25 Stores a snapshot of the current program                 |
| 10 Skip to the end of the file   | 26 Activates the channel surfing function                   |
| 11 Displays the recording time already elapsed   | 27 Audio mode: changes to a different sound mode            |
| 12 Minimizes the control panel   | 28 Opens the teletext function (where available)            |
| 13 Exit Honestech TVR  | 29 Displays the time  |
| 14 Opens the help file   | 30 Icon displays whether the sound is activated/deactivated |
| 15 Select input source <ul style="list-style-type: none"> <li>· TV (Cable) › TV (Cable) reception via antenna</li> <li>· Composite › Video input</li> <li>· S-Video › Controls the S-Video input</li> <li>· FM radio › For FM radio reception</li> </ul> | 31 Volume bar: displays the selected volume level           |
| 16 Opens the video folder  | 32 Decreases the volume                                     |
|  | 33 Mute ON/OFF  |
|  | 34 Increases the volume                                     |

## Gallery folder



- |  |  |
|--|--|
| 1 File   | 6 Slide to the left/right                                  |
| 2 File size  | 7 Send the file with your standard e-mail program          |
| 3 Displays the recording date                              | 8 List view: browse through different file display options |
| 4 Displays the complete file name, including the path name | 9 Exit the gallery folder mode                             |
| 5 Browse upwards/downwards                                 |  |

## 6.2 Settings

Select the settings options icon (icon 22 on the control panel). Now you can select between one of the four tabs at the top of the panel.

### TV Settings

Choose this tab to select between different television setting options.

**Country:** Auto Detect > automatically selects the country or Select your country > to manually select a country

**Category:** TV > for antenna reception or CATV > for cable television reception

**Search mode:** Search for frequencies (Radio) or stations (TV)

**Auto Scan:** Starts/Stops an automatic channel scan

**Mode:** Changes the sort order

**Change channel order:** Relocate channels/change the channel order

**Add/Delete:** Add/Delete channels

**OK:** Confirms entries

## Video Settings

Choose this tab to select between different picture display, graphic card and sound card settings.

**Fine adjustment:** Use the sliders to adjust picture brightness, contrast, hue and saturation settings. Select „Reset“ to return adjustments to a default setting.

**Video capture device:** Select the TV card

**Video source:** Select the video decoder

**Playback device:** Select the sound card

**Audio input:** Volume adjustment

(select either a „Playback Volume“ or „Recording Volume“ mode for adjustments)

**OK:** Confirms entries

## Record Settings

Choose this tab to select the recording quality.

**MPEG-1:** compresses audio and video files

**MPEG-2:** compresses high quality audio and video files

**MPEG-4:** compresses audio and video files; a further developed MPEG-2 format

If you would like to create a VCD, SVCD or DVD directly after a file has been recorded, select either a VCD-PAL, SVCD-PAL or DVD-PAL format.

Furthermore, the size, frame, quality, bitrate and speed should be selected for your recordings. It is recommended to leave standard settings the way they have been set.

Please take into consideration that a higher bitrate and quality will require a larger memory capacity for your recording.

### Note

VCD-NTSC, SVCD-NTSC or DVD-NTSC formats are only for use in North America!

Click on „Browse“ to choose the folder, where your recordings and pictures are to be stored.  
Click on „OK“ to confirm entries.

### Etc Dialogue Setting

Select this tab to adjust the following options:

**Channel surfing:** Select this option to set the length of time that a channel is to be displayed and the number of channels to be displayed.

**Still capture image type:** Select the snapshot type (JPG, PNG, GIF or BMP).

**Automatic scan:** Select the auto scan mode.

**TimeShift:** Select this option to determine if the temp file is to be stored/removed after a TimeShift recording.

**Disk driver information:** Select to view hard disk information.

## 6.3 Television

Select „TV“ or „CABLE“ as input source within the selection field (15). The current channel number will be displayed beside the letters CH (18).

The arrow icons (17) for upwards and downwards can be used to switch to different channels. You can also input a channel number directly by using the number pad (19). Please wait for a moment after selecting directly.

Click on the „T“ icon (28) to activate the teletext function, if available (please note that this service is not offered by all stations). Use the arrow icons (17) to browse through pages or input a page number directly by using the number pad (19).

If you click and hold on the top border of the window with the left mouse button, you will be able to move the window around freely.

### Note

The numbers in brackets refer to the icons on the control panel as displayed in chapter 6.1.

If you click and hold on one of the other borders or on the window with the left mouse button, you will be able to enlarge the window freely.

Right-click on the display to view the following options:

**Screen:** set the screen size

**Aspect ratio:** select a screen format

**Channel up/down:** switch through channels

**Auto scan:** starts an automatic channel scan

**Channel surfing:** select to activate this function

**Property setting:** opens this menu option

**Schedule recording:** opens the menu for scheduling recordings

**Mute:** activate/deactivate the sound

**Always on top:** select if a program is to be constantly featured in the foreground

**Show control panel:** select to display the control panel

**Exit:** select to exit the menu

## 6.4 Recording

Click on the „RECORD“ icon (3) to start recording. Click on this icon again to stop recording. Under the icon „FILE SIZE“ (5) you will be able to see the amount of storage space that has already been consumed for the recording.

To schedule a recording, click on the „SCHEDULE FUNCTION“ icon (21) to open a dialogue box with diverse scheduling options.

Click on the option „ADD“ to schedule a program. Select the source, how often, mode, start time, duration and what is to happen after a scheduled recording.

Click on „ADD“ to finish scheduling.

Click on the option „EDIT“ to edit a selected item.

### Note

The numbers in brackets refer to the icons on the control panel as displayed in chapter 6.1.

Click on „DELETE“ to delete a selected item. The option „DELETE ALL“ deletes all added items.

Select „OK“ to confirm your scheduled program.

Recordings will be stored in the folder previously defined for television programs under the setting option „RECORD SETTING“.

## 6.5 TimeShift function

The „TIMESHIFT“ function lets you watch and record a television program simultaneously. You will not only be able to pause and resume an ongoing program, but will even be able to watch different recorded segments, while recording the rest of the program in the background. Your recordings will be stored in the folder previously defined under the setting option „RECORD SETTING“. The option „ETC-DIALOG“ lets you select if the temp file after a TimeShift recording is to be stored or deleted.

Click on the red arrow icon (4) to start the time shifting function.

Use the progress bar (2) to move to a desired program segment.

Click on the „STOP“ icon (8) to stop the time shifting function.

## 6.6 Channel surfing

Click on the channel surfing icon (26) to activate this function.

Your screen will change over to a different display window. Now you will be able to see a preview of channels, previously selected under the setting option „ETC-DIALOG“, on screen.

### Note

The numbers in brackets refer to the icons on the control panel as displayed in chapter 6.1.

The following diverse options can be seen at the top of the window:

- Stop channel surfing
- View active thumbnail
- Pause channel surfing
- Resume channel surfing
- Move to next/previous active thumbnail

Double-click on the desired thumbnail to view its program.

## 6.7 Radio

Click on „FM RADIO“ (15) to active a radio mode.

Use the arrow icons (17) or the number pad (19) to select and set a frequency. The frequency (18) will be displayed between the arrow icons.

You also have the opportunity to record radio programs. Click on the „RECORD“ icon (3) to start recording. Click on this icon again to stop recording.

Recordings will be stored in the folder previously defined for radio recordings under the setting option „RECORD SETTING“.

## 6.8 Snapshot

Click on the camera icon (25) on the control panel to capture a snapshot of the current television picture.

Recordings will be stored in the folder previously defined under the setting option „RECORD SETTING“.

### Note

The numbers in brackets refer to the icons on the control panel as displayed in chapter 6.1.

## 6.9 Volume regulation

You can use the „VOLUME“ icons (32 and 34) to either increase or decrease the volume. The current set volume can be seen on the volume bar (31).

Click on the „M“ icon (33) to deactivate and reactivate the sound. The „SPEAKER“ icon (30) displays whether this function has been activated/deactivated.

Click on the „SOUND“ icon (27) to select between available audio options.



Try to maintain a safe volume level with this device and avoid excessive noise. Over a certain amount of time your hearing will become accustomed to the adjusted volume level.



Please note that excessive sound pressure levels created when listening to loud volume levels with earphones or headphones can lead to permanent hearing damage or loss.

## 6.10 The gallery

Click on the arrow icon (16) located underneath the signal source option field (15) on the control panel to open the gallery and display recordings that have been previously defined under „RECORD SETTING“.

To display a picture in a standard format, double-click on the picture you would like to view.

Listen to recorded radio programs by double-clicking on them in an FM mode.

Double-click on recorded television programs to view them (not during an FM mode).

You can send a recorded file as an e-mail attachment via your e-mail program. Select a file and click on the @ icon (7) located within the gallery folder.

### Note

Regulate the volume to a minimum before exiting the program. Clicking on the „MUTE“ icon to deactivate the sound is insufficient, as this is no longer active when the system is restarted.

Click on the „LIST VIEW“ icon (8) located within the gallery folder to switch between a thumbnail, file name and detailed description view. The files displayed in the gallery will vary in information according to the selected viewing option.

The gallery can be closed again by clicking on the small arrow icon located at the bottom of the gallery folder (9).

## 6.11 External sources

The „COMPOSITE“ and „S-VIDEO“ (15) source options on the control panel respond to the devices connected to these inputs connections, which allow video signals (e.g. from a DVD player or video camera) to be transmitted to and displayed on your computer.

Composite > connection via adapter (S-Video to RCA)

S-Video > direct connection to the S-Video jack

The S-Video input only transmits the picture signal.

Please refer to the information on TVA-600 and sound card connections regarding audio transmission. If the TVA-600 audio output is not connected to your sound cards audio input, no sound can be established through your computer.

### Note

Before using any external devices with the TVA-600, read the instruction manuals accompanying these devices thoroughly first.

## 7 Information on CDs and DVDs

### Handling CDs and DVDs

Do not touch the playback side of discs. Hold by the edges without touching the recording surface, so that finger prints do not come in contact with discs. Never stick paper or use tape on discs.



### Storing CDs

After you are finished playing a CD, please replace and store it in its respective cover. Never expose discs to direct sunlight, sources of heat or high temperatures. Never leave discs in a car exposed to direct sunlight.

### Cleaning CDs

Finger prints and dust found on a CD may be the reason for poor picture or sound quality. Before playing a CD, carefully wipe off finger prints and dust with a clean cloth. Please clean in an inwards to outwards motion.



Never use any solvents or chemicals, such as alcohol, benzene, thinners, any commercially available cleaners or antistatic sprays for records to clean discs.

Never attach any seals, adhesive labels or stickers to discs (either on the labelled or recorded side).

Never use irregularly shaped CDs (e.g. orthogonal or heart-shaped). Such types can lead to or cause malfunctions.

### Note

Depending on the drive used or on the CD-R/RW (or DVD-R, DVD+R, DVD-RW, DVD+RW) itself, there is the possibility that some discs may not be playback compatible with this device.

Never attach any seals, adhesive labels or stickers to discs (either on the labelled or recorded side).

Manufacturers may have already intentionally programmed playback functions on some DVD and Video CDs. Therefore, it is possible that some playback functions may not be available or additional functions may be available for use.

## 8 Troubleshooting

The device you have just purchased is equipped with state-of-the-art technology and is safe to operate. Nevertheless, problems or malfunctions may occur.

Before contacting a service technician, refer to the following possible solutions:

### **Program start does not take place or playback is not possible**

Update or install software again.

### **Distorted sound or no sound is audible**

Check if everything has been connected properly. Open the sound card's settings menu. Increase the recording volume and set the playback volume to the lowest line-in option available. Check if the TVA-600 is connected to your sound card.

### **The remote control is not working**

Check if the batteries have been inserted correctly.

If batteries are empty, replace them with new ones.

Point the remote control to the remote sensor and press to operate.

Remove any objects found between the remote control and the remote sensor.

Make sure the distance between the remote control and the device does not exceed 5 m.

### **Buttons do not function (on the device and/or remote control)**

Turn the device off and then on again. As an alternative, turn the device off, unplug it from the power outlet and plug in again. (The device may also not be functioning due to a stroke of lightning, static electricity or other external factors.).

### **Note**

As an alternative you might be able to see with the help of the software if there's a possible way to solve your problem. Click on the question mark icon for help.

## 8 Troubleshooting Part 2

### **Distorted/Noisy reception or poor picture quality**

The reception frequency has not been set properly.

The antenna is not adjusted properly.

Try positioning the antenna somewhere else.

Start an automatic channel scan.

Check graphic card settings.

Use an amplified indoor antenna.

The distance between the junction box and your computer could be too long for the cable connection. Please consult your local dealer for details on suitable amplifiers.

### **Why does video quality worsen during time shifting or why are pictures lost during video recording?**

This all depends on the performance of the operating system. A probable solution may be a new and faster personal computer.

### **A CD/DVD is not recognized/supported**

Check if

- the disc is deformed.
- the disc is damaged, scratched or has become dirty.



Any repairs other than those mentioned above are to be carried out solely by an authorized technician.

## 9 Maintenance, handling and cleaning

Never operate the device in places with extreme high or low temperatures.

Carry out a technical safety inspection on a regular basis, e.g. check if the power cable or housing may have become damaged. If there is reason to believe that the device can no longer be operated safely, then disconnect it immediately from the power supply and secure it against any unintentional operation.

**It can be assumed that safe operation is no longer possible, if:**

- there is visible damage to the device,
- the device no longer works,
- it has been stored for a longer period of time under unfavourable conditions
- or exposed to rigorous transport conditions.



Always adhere to the following safety instructions before cleaning or servicing the device: **Live parts may be exposed, if the covering is opened or parts are removed.**

**The device must be disconnected from the power supply source prior to service, maintenance or repairs.** Capacitors within the device may still carry voltage even though they have been disconnected from all power supply sources.

Please retain the original box and the packaging material in case you need to transport or send the device out for maintenance at a later date. Please note that the device should be repacked in the original packaging. The box and packaging have been especially developed for this device in order to protect it during transport and against damage. Retain this instruction manual for future reference and where required pass it along with the device if handed over to a third party, as it contains important setup and handling information.

### Note

Repairs are only to be carried out by qualified personnel, who are familiar with the hazards involved and the relevant regulations.

## 9 Maintenance, handling and cleaning Part 2

### Cleaning the device

Blow lightly on the device. Always use an anti-static, dry, fuzz-free and soft cloth to clean the device. Never use any abrasive or harsh cleaning agents (e.g. alcohol, benzine) or fluids (e.g. water) as these could damage the device.

Dear Customer!

Important Notice:



**Please note that electrical and electronic devices must never be disposed of in regular household waste!**

Consumers are legally obligated and responsible for the proper disposal of electronic and electrical devices by returning them to collection sites designated for the recycling of electrical and electronic equipment waste after the useful lifetime of a device has come to an end. For more information concerning collection sites and correct disposal, please contact your local authority or waste management company. The presence of the above symbol on a device, on its packaging or within the instruction manual indicates that this item must not be disposed of in normal unsorted municipal waste.

In doing so, you are fulfilling all recycling and disposal obligations and are optimizing and contributing to a better environment. These disposal regulations apply to battery/rechargeable battery disposal as well. Most batteries contain hazardous chemicals which can contaminate the environment and human health, if they are discarded in ordinary household waste. According to legislation, batteries are to be returned to the place of purchase, disposed of at designated recycling areas or disposal sites.

### Note

Contribute to a better environment by using a designated disposal system (e.g. Dual System in Germany) or recycling site for the disposal of packaging material.

## 10 System requirements

- Intel® Pentium® 4 with 1.8 GHz or equivalent AMD® Athlon® XP
- Windows® XP/ Windows Vista® 1 GB RAM
- Requires DirectX® 9.0 or higher
- Free space on your hard disk to record movies and music
- CD-ROM drive
- AC97 compatible sound card
- PCI slot (Version 2.1)
- Requires a Windows® XP, Windows Vista® or Windows® 7 operating system

## 11 Technical data

<b>Dimensions:</b>	122 (W) x 22 (H) x 96 (D) mm
<b>Weight:</b>	130 g
<b>Resolution:</b>	720 x 576 PAL; 720 x 480 NTSC
<b>Operating temperature:</b>	0° – 50°C
<b>Power consumption:</b>	under 3 W
<b>Supports:</b>	PAL-B

**Connections:** TV antenna 75  $\Omega$  (UHF/VHF)  
 FM antenna (RCA)  
 S-Video 4-pin mini-DIP  
 Composite video (adapter)  
 Audio IN (3.5 mm)  
 Audio OUT (3.5 mm)  
 IR receiver (3.5 mm)

## 12 Delivery contents

- TYPHOON TVA-600 TV Card
- CD with user manual, drivers and TVR software
- Quick Start Guide
- FM antenna cable
- Stereo audio cable (3.5 mm/to connect the TVA-600 with your sound card)
- Infrared receiver
- Remote control with battery

## Service

Should questions arise then please contact a specialist or our service hotline.

Service-Hotline\*:

**Telefon +49 (0) 1 80/5 72 54 83**

\*14 cent/minute using the German fixed network  
(Max. price for mobile phones: 42 cents/min.)

Contact:

E-mail

**support@typhoon.eu**

Internet

**www.typhoon.eu**

Information and updates

**http://www.typhoon.eu**

### Manufacturer

PC live Distribution Basse and Prübe GbR  
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38159 Vechelde (Germany)



**www.typhoon.eu**

We reserve the right to alter specifications and information contained in this manual without notice.

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