USER MANUAL

PACO STAR™

PLE-1090HD

Watch and record DVB-T digital programs on your PC or laptop!

www.pacostar.com
We would you like to thank you for choosing the **USB DVB-T Receiver**. You have made an excellent decision. The following contents guide you how to use the product. Hope this device will bring you nice digital experience.

## Overview

You now have all the options you need for watching your favorite TV shows on your computer. And record them, so you can watch them any where and any time.

With the **USB DVB-T Receiver**, you can record live TV or schedule recordings using the built-scheduler. The Time-shift function also allows you to pause and instantly replay your favorite scenes.

The **USB DVB-T Receiver**, also supports Linux OS, the driver is in "For Linux" folder in CD-ROM. You can also find a help file there.

### Specification

<table>
<thead>
<tr>
<th>Item Name</th>
<th>USB DVB-T Receiver</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interface</td>
<td>USB 2.0 standard</td>
</tr>
<tr>
<td>Recording Format</td>
<td>MPEG-2</td>
</tr>
<tr>
<td>Input</td>
<td>75 Ohm IEC (Din) connector</td>
</tr>
<tr>
<td>Output</td>
<td>A type USB male connector</td>
</tr>
<tr>
<td>Receiving Frequency</td>
<td>48.25 ~ 863.25 MHz</td>
</tr>
<tr>
<td>TV System</td>
<td>Fully DVB-T compliant, 2K or 8K FFT size</td>
</tr>
<tr>
<td>Punctured Codes</td>
<td>1/2, 2/3, 3/4, 4/5, 5/6 and 7/8</td>
</tr>
<tr>
<td>Bandwidth</td>
<td>6/7/8MHz auto select</td>
</tr>
<tr>
<td>Power Supply</td>
<td>USB Bus</td>
</tr>
<tr>
<td>Consumed Power</td>
<td>≤ 1.5W</td>
</tr>
<tr>
<td>TV Player Software</td>
<td>BlazeVideo BlazeDTV6.0</td>
</tr>
<tr>
<td>Dimension / Weight</td>
<td>90(L)×22(W)×17(H)mm / 20g</td>
</tr>
<tr>
<td>Cable Length</td>
<td>120cm for Portable Antenna</td>
</tr>
</tbody>
</table>

### System Requirements

- One available USB 2.0 port
- Pentium4 CPU or above
- 512MB RAM or above
- Graphics card supports DirectX 9.0C
- 1GB free HDD space
- CD-ROM for installation
- Windows XP, Vista, Seven, Linux
- USB DVB-T receiver device, Portable antenna, Remote Controller, Software CD(includes driver, application and manual)

### Connection Guide

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Notice:
1. It is recommended to connect to a roof top aerial during the first time installation as this may provide a better signal quality than the provided portable antenna.
2. You need to ensure that you are located in an area that has Digital Terrestrial coverage.

**Quick Installation Chart**

Please read the all installation guide clearly.

Please install the device hardware and software following below chart if you're very busy and want to use the device soon.

1. **Install driver and application**
2. **Connect device with antenna and computer**
3. **Scan TV channel, watch and record them**

Step 1: Insert the CD-ROM to install the drivers and application software.
Step 2: Connect USB 2.0 DVB-T Receiver with Portable antenna or roof antenna and computer.
Step 3: Open BlazeDTV6.0 software to scan the TV channels Watch and record your favorite TV shows into your computer.
Hardware Installation

Note: If you have any antivirus software enabled, please disable it during the installation of the software. Before you first connect the USB DVB-T Receiver to your computer, please insert the “Software CD” into your CD drive. Then you should find a picture of software running. Please check the software series number on the CD bag.

Note: If you have to do other things, please click “Exit” key to exit installation.

Please select the option “Install Driver”:

Welcome to the IT9130 BDA Driver - 10.2.3.2 Setup

This will install IT9130 BDA Driver - 10.2.3.2 on your computer.

It is recommended that you close all other application before continuing.

Click Next to continue, or Cancel to exit Setup.
Please select "Next" to install the drivers.

Welcome to the IT9130 BDA Driver - 10.2.3.2 Setup

Setup has finished installing IT9130 BDA Driver - 10.2.3.2 on your computer.

Click Finish to exit Setup.

Please click the "Finish" button to complete the driver installation.
Now, you need to plug USB DVB-T Receiver into your computer's USB2.0 port. Computer system will appear you "Found the new hardware" and other. Please wait for the installing automatic until the system appears you "Device is now installed and ready to use".

You will now need to check that the drivers are installed correctly.
Right click on My Computer and left click on Properties. Click on Hardware tab and then Device Manager.
In the Device Manager, click on the +symbol on the Sound Video and Game controllers section. If the driver is installed correctly you should see the "IT9135 BDA Device". If it has a yellow mark next to it then this means that the driver is not installed correctly. You will need to remove the driver and disconnect the USB DVB-T Receiver.
from the computer and re-connect is to install the driver again.

If you want to uninstall the device driver, please insert the "Software CD" into your CD drive. Then you should find a picture of software running. Please select “Install Driver”, and click “Uninstall” button on the following panel.

Then click “Finish” button to complete the uninstalling.
BlazeVideo BlazeDTV 6.0 Installation & Guide

Please insert the “CD-ROM” into your CD drive. Then you should find a picture of software running. Please check the software series number on the CD bag.

Please select the option “Install HDTV Player”.
Select your language for the installation and Click "Next" or / and "Install".
Click “finish” to complete setup, restart your computer if needed.
Run HDTV player which you just installed, enter user name and serial number (you can find out the serial number on CD bag).
To start the HDTV Play application, a message will appear a skin.

Now we can receive the DVB-T digital TV programs with the **USB DVB-T Receiver** and software.
Double click the “BlazeVideo Deluxe 6.0” icon on desktop.
A box will pop up to enquire you whether to scan channels.
Click “Yes”, the “Scan” box ejects for you to set scan options.

**Main Features:**
- Playing HDTV program.
- Support H.264 (MPEG4) Video encoder, AAC Audio encoder.
- Realtime record favorite HDTV program.
Schedule record favorite HDTV program
Live update program list and program guide
Schedule watch HDTV program at specified time
TimeShifting, pause watching HDTV program
Playing teletext broadcasting
Smart search to quickly locate favorite TV shows or desired TV Show time
Remind to watch at scheduled time
Auto & manually scan all available channels
Smart Stretch lets video smart fit on all monitor, avoid video loss or distortion
Auto wakeup to perform schedule task at PC hibernation status
Capture HDTV program video as still image
Manage favorites program
Multi-channel preview to quickly access favorite programs
Playing DVD/SVCD/VCD/CD disc
DVD bookmark preview to quickly access favorite title/chapter
Playing most popular media files
Playing picture as slide show with background music

Main Control Panel:
<table>
<thead>
<tr>
<th>Button/Icon</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="EPG" /></td>
<td>EPG</td>
<td>Open HDTV EPG window</td>
</tr>
<tr>
<td><img src="image" alt="Play" /></td>
<td>Play</td>
<td>Play HDTV or Media</td>
</tr>
<tr>
<td><img src="image" alt="TimeShift/Pause" /></td>
<td>TimeShift/Pause</td>
<td>TimeShift (for HDTV) or pause playback</td>
</tr>
<tr>
<td><img src="image" alt="Stop" /></td>
<td>Stop</td>
<td>Stop playback</td>
</tr>
<tr>
<td><img src="image" alt="Record" /></td>
<td>Record</td>
<td>Record HDTV or DVD</td>
</tr>
<tr>
<td><img src="image" alt="Previous" /></td>
<td>Previous</td>
<td>Skip to play previous HDTV channel / DVD chapter</td>
</tr>
<tr>
<td><img src="image" alt="Browse" /></td>
<td>Browse</td>
<td>Browse channel</td>
</tr>
<tr>
<td><img src="image" alt="Next" /></td>
<td>Next</td>
<td>Skip to play next HDTV channel / DVD chapter</td>
</tr>
<tr>
<td><img src="image" alt="Open" /></td>
<td>Open</td>
<td>Select playback type</td>
</tr>
<tr>
<td><img src="image" alt="Subtitles" /></td>
<td>Subtitles</td>
<td>Select Subtitles</td>
</tr>
<tr>
<td><img src="image" alt="Audio" /></td>
<td>Audio</td>
<td>Select Audio</td>
</tr>
<tr>
<td><img src="image" alt="Capture" /></td>
<td>Capture</td>
<td>Capture video as .bmp still image</td>
</tr>
<tr>
<td><img src="image" alt="Volume Control" /></td>
<td>Volume Control</td>
<td>Drag slider bar to adjust volume</td>
</tr>
<tr>
<td><img src="image" alt="Mute" /></td>
<td>Mute</td>
<td>Turn on/off audio</td>
</tr>
<tr>
<td><img src="image" alt="Media Type" /></td>
<td>Media Type</td>
<td>Display playback type</td>
</tr>
<tr>
<td><img src="image" alt="Playback status" /></td>
<td>Playback status</td>
<td>Display playback status</td>
</tr>
<tr>
<td><img src="image" alt="Signal Quality" /></td>
<td>Signal Quality</td>
<td>Display HDTV signal quality</td>
</tr>
<tr>
<td><img src="image" alt="Signal Strength" /></td>
<td>Signal Strength</td>
<td>Display HDTV signal strength</td>
</tr>
<tr>
<td>CH - 003</td>
<td>Channel/chapter</td>
<td>Display current HDTV channel / DVD chapter</td>
</tr>
<tr>
<td>----------</td>
<td>-----------------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>08:55:20</td>
<td>Time</td>
<td>Display current time of HDTV / DVD</td>
</tr>
<tr>
<td></td>
<td>Fast backward</td>
<td>Fast backward, switch between 1X, 2X, 4X, 8X, 16X at each press</td>
</tr>
<tr>
<td></td>
<td>Slider bar</td>
<td>Drag the slider to new position for playback.</td>
</tr>
<tr>
<td></td>
<td>Fast Forward</td>
<td>Fast forward, switch between 1X, 2X, 4X, 8X, 16X at each press</td>
</tr>
<tr>
<td></td>
<td>Open Floating Panel</td>
<td>Show Floating Panel</td>
</tr>
<tr>
<td></td>
<td>Show Advanced Panel</td>
<td>Show/Hide Advanced Panel</td>
</tr>
<tr>
<td></td>
<td>Minimize</td>
<td>It is a standard windows icon. Click it, the control panel and the view window will be minimized and displayed as icons on system toolbar</td>
</tr>
<tr>
<td></td>
<td>Exit</td>
<td>Exit BlazeVideo HDTV Player</td>
</tr>
</tbody>
</table>

**Time Shift**

TimeShift means you can pause watching a live program to have a break, when you come back you will resume watching from the point at which you paused.

Click **pause** to pause, The video screen will freeze, but the recording will continue.

Click **pause** again or click **play** to continue watching TV show from the point at which it was paused.

Click **play** two times to stop TimeShift and return to the live program.

**Note:** The record duration depends on your TimeShift Buffer Size, which can be set in DTV Setting.

**Record Function**

While you are watching a TV show, click **record** to pop up Record floating panel, you will begin to record live HDTV show into MPEG2 file. You can also stop record, play record or delete record file in this record panel.
Create Schedule Task

In EPG Schedule window, click \( \text{Add to Schedule} \) to create a task.

In EPG Channels window, select a program with EPG guide and click \( \text{Add to Schedule} \).

In EPG Programs window, right click a program and select "Add to Schedule".

In EPG Favorite window, select a program with EPG guide and click \( \text{Add to Schedule} \).

Through one of above steps to create a task and eject below Task box: here you can set task name, task type and task time.

Auto wakeup to perform schedule task at PC hibernation status:

Your PC can auto wakeup to launch schedule task in hibernation status for power saving, the operation is below:

1. Set schedule task;
2. Hibernate your PC;

**Note:** To hibernate your PC, you must activate "Enable Hibernation" in your PC's Power Options Properties.
3. Your PC will auto wake up to perform task at the scheduled time.

Please find the “Help.chm” file in BlazeVideo software install path. You can open it to get the more information.
How to Use Windows 7 Media Center

In Windows 7, you also use the USB DVB-T Receiver to watch TV with Windows Media Center, the first, you need to check the drivers are installed correctly.

Please click “Start” menu, and select “All programs” to select “Windows Media Center”, you will see the “ADD GADGET TO DESKTOP” window, according to your want, select “Yes” or “No”.

In the “Tasks” menu, please click “Setting”, “TV”, “Language” button one by one, then select your language, and click “Save” button.

Please select “TV Signal”, you should see the “TV SIGNAL SETUP” window on the right low of the software panel, please select “Yes”, in the next windows, you can select internet connection according to your needs, then click “Next” button.

In the next windows, if the appeared region name is not correct, please select “NO, I want to select a different region” to select your region correctly, and you must enter the postal code correctly, then click “Next” button.

Then select “I agree” to begin to examine TV signals, you will get the following window, if the configuration is correct and complete, please select “Yes, configure TV with these results” and click “Next “ button to start scanning TV channels.
After Windows Media Center has finished scanning for TV channels you receive, you should see the channels list on the software panel. Then click “Next”, “Finish” button to complete the setting.

![TV Setup](image)

Please click the icon on the left top of the software panel to back, and select TV menu, select “live tv” to watch TV, or record it.

**Manual version:**  Ver 10.1