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› Tele System TS4020 PRO DVB-T2/S2 HEVC HD HDR10 HLG Decoder User Manual

## TELE System TS4020 PRO (Model 21005355)

# Tele System TS4020 PRO DVB-T2/S2 HEVC HD HDR10 HLG Decoder User Manual

Model: TS4020 PRO (21005355)

## 1. INTRODUCTION

The TELE System TS4020 PRO is an advanced and versatile digital decoder designed for receiving both terrestrial and satellite television broadcasts. It features dual DVB-T/T2 and DVB-S/S2 tuners, supporting HEVC HD, HDR10, and HLG for high-quality video. This device allows access to a wide range of free-to-air TV and radio channels without a subscription. Additionally, its USB port enables media playback of music, photos, and videos, transforming the decoder into a home entertainment hub.



Figure 1: Tele System TS4020 PRO Decoder and included remote control.

## 2. SETUP

### 2.1 Unpacking and Components

Carefully unpack all items from the box. Ensure the following components are present:

- Tele System TS4020 PRO Decoder
- Remote Control
- External Power Adapter
- User Manual (this document)

### 2.2 Connecting the Decoder

Follow these steps to connect your decoder to your television and antenna/satellite dish.

1. **Power Connection:** Connect the external power adapter to the DC 12V input on the back of the decoder, then plug it into a power outlet.

2. **HDMI Connection:** Use an HDMI cable to connect the HDMI OUT port on the decoder to an available HDMI input on your television.
3. **Antenna Connection (for DVB-T/T2):** Connect your terrestrial antenna cable to the **RF IN** port on the back of the decoder.
4. **Satellite Connection (for DVB-S/S2):** Connect your satellite dish cable to the **SAT IN** port on the back of the decoder.
5. **Optional Connections:**
  - **SCART:** For older televisions, connect a SCART cable from the TV SCART port on the decoder to your TV. Note that 4K resolution is not supported via SCART.
  - **Coaxial Audio:** For digital audio output, connect a coaxial audio cable from the COAXIAL port to your audio receiver.
  - **USB:** For media playback, insert a USB drive into the USB port on the front or back of the decoder.



Figure 2: Rear panel connections of the TS4020 PRO decoder, including SAT IN, RF IN, Coaxial, HDMI, and TV SCART ports.

## 2.3 Initial Setup and Channel Scan

After connecting the decoder, turn on your television and select the correct HDMI input. The decoder should power on automatically or can be turned on using the remote control.

1. Follow the on-screen instructions for the initial setup.
2. Select your preferred language and region.
3. The decoder features an **AUTOSCAN** function for quick and easy automatic channel searching and sorting for both terrestrial and satellite channels. Initiate the scan when prompted.
4. Once the scan is complete, your decoder is ready for use.

## 3. OPERATING INSTRUCTIONS

### 3.1 Remote Control Functions

The TELE System TS4020 PRO comes with a unique remote control designed to manage both the decoder and your television. It features programmable keys for added convenience.





Figure 3: Layout of the TS4020 PRO remote control.

- **Power Button:** Turns the decoder on/off.
- **AV/TV:** Switches TV input source.
- **VOL+/VOL-:** Adjusts volume.
- **PROG+/PROG-:** Changes channels.
- **DTT/SAT:** Switches between terrestrial and satellite modes.
- **MENU:** Accesses the main menu.
- **OK:** Confirms selections.
- **Arrow Keys:** Navigates menus and EPG.
- **INFO:** Displays program information.
- **EPG:** Electronic Program Guide.
- **Media Player Controls:** Play, Pause, Stop, Fast Forward, Rewind.
- **Programmable TV Control Keys:** These keys (usually at the top) can be programmed to control basic TV functions like power, volume, and input. Refer to the remote control section in the full manual for programming instructions.

### 3.2 Channel Viewing and Selection

Use the **PROG+** and **PROG-** buttons to navigate through channels. Press **OK** to view the channel list and select a channel directly. Use the **DTT/SAT** button to switch between terrestrial (DVB-T/T2) and satellite (DVB-S/S2) channel lists.

### 3.3 Media Playback via USB

The decoder supports media playback from a USB storage device.

1. Insert a USB flash drive or external hard drive into the USB port.
2. Access the Media Player function from the main menu.
3. Navigate through your files to play music, view photos, or watch videos.

### 3.4 HDR Quality

The TS4020 PRO is compatible with HDR10 and HLG standards, providing enhanced image quality with improved color rendering and visual depth, especially for content with high dynamic range. Ensure your television also supports HDR10 or HLG for the best viewing experience.

## 4. MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the decoder's exterior. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the decoder has adequate ventilation. Do not block the ventilation openings.
- **Software Updates:** Periodically check for available software updates through the decoder's menu (if supported). Software updates can improve performance and add new features. Information regarding guaranteed software updates is not available.
- **Storage:** If storing the device for an extended period, disconnect it from power and store it in a cool, dry place.

## 5. TROUBLESHOOTING

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If you encounter issues with your Tele System TS4020 PRO, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty outlet.	Ensure the power adapter is securely connected to the decoder and a working power outlet.
No picture/sound on TV	Incorrect TV input selected, loose HDMI/SCART cable.	Select the correct HDMI/AV input on your TV. Check that the HDMI or SCART cable is securely connected at both ends.
No channels found or poor signal	Antenna/satellite dish not connected, misaligned, or damaged.	Check antenna/satellite cable connections. Ensure your antenna/dish is properly aligned. Perform an AUTOSCAN again.
Remote control not working	Dead batteries, obstruction, or remote out of range.	Replace batteries. Ensure no obstructions between the remote and the decoder. Point the remote directly at the decoder.
HDMI output not compatible with TV	Specific TV model incompatibility.	If available, try using the SCART connection for video output. Note that 4K resolution is not supported via SCART.
Date resets to 1970 after reset	Internal clock issue or software bug.	Check for available software updates. If the issue persists, contact customer support.

## 6. SPECIFICATIONS

<b>Model Number</b>	21005355
<b>Brand</b>	TELE System
<b>Connectivity Technology</b>	USB, Power, HDMI, SCART, RF IN, SAT IN, Coaxial
<b>Audio Output Mode</b>	Surround
<b>Total HDMI Ports</b>	1
<b>Compatible Devices</b>	Television
<b>Supported Audio Formats</b>	Dolby Digital, DTS, AAC, MP3, PCM
<b>Voltage</b>	12 Volts (DC)
<b>Video Output Resolution</b>	1080p
<b>Supported Standards</b>	DVB-T2, DVB-S2, H.265, HDR10, HLG, MP3, AAC
<b>Aspect Ratio</b>	16:9
<b>Color</b>	Black
<b>Country of Origin</b>	China

## 7. WARRANTY INFORMATION

The Tele System TS4020 PRO decoder comes with a **2-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included with your

product or contact Tele System customer support.

## 8. CUSTOMER SUPPORT

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For further assistance, technical support, or inquiries regarding your Tele System TS4020 PRO decoder, please visit the official Tele System website or contact their customer service department.

*Note: Information regarding the availability of spare parts for this product is currently unavailable.*