

# Teknomak

## TK T2

DIGITAL TERRESTRIAL TELEVISION  
DVB T/T2 H265



**DIGITAL TERRESTRIAL TELEVISION DVB T/T2 H265**  
**RECEPTOR TELEVISIÓN DIGITAL TERRESTRE DVB-T/T2 H265**  
**RECEIVER/RICEVITORE DIGITALE TERRESTRE DVB-T / T2 H265**

## PRODUCT DESCRIPTION



### Learning remote control. Quick setup.

POWER (Red Button): Standby Mode (ON/OFF)

Fast Backward

Fast Forward

Play/Pause

Stop

USB: Enters to sub menu

SUBTITLE : Displays subtitle options

TX : Switches on the Teletext

AUDIO : Audio language or Audio mode

EPG : Shows the Electronic Program Guide

INFO : Displays information about the current channel

Move the cursor

MENU : Displays Main Menu

EXIT: Use this button to quit current menu

VOL-/VOL+ : Decrease/ Increase volume

CH-/CH+ : Changing program buttons

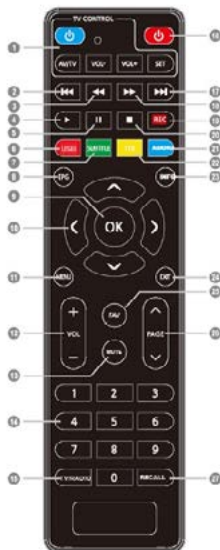
FAV : Favorite Channel List

MUTE : Mutes audio output of the receiver

0-9; Numeric buttons

TV/RADIO : Switch between Radio Channels and TV Channels

RECALL : Goes back to previous viewed channel



## LEARNING FUNCTION BUTTONS:

- The remote control has 4 programmable buttons for controlling the TV: TV Power, Vol +, Vol-, TV/AV.
- Long press the SET button for 3 seconds, the red LED will be from low light to brighter light,release the SET button.
- Place the learning and the original remote control from the TV opposite to each other at a distance of 3-5 cm.
- Press and release the learning remote control button you want to program,the red LED will light blinking.
- Press the button of the original remote control, the LED should blink 2 times and light constantly, release the button.
- When learning is completed, press the SET button, the LED will turn off.

## BATTERIES INSTALLATION

1. Open the battery compartment cover.
2. Insert 2x AAA batteries with correct polarization.
3. Close the battery compartment cover.

### Notes:

Do not mix the batteries.

Remove the batteries if the remote control is not going to be used for an extended period of time.

Do not place the remote control under the direct sunlight or near sources of excessive heat.

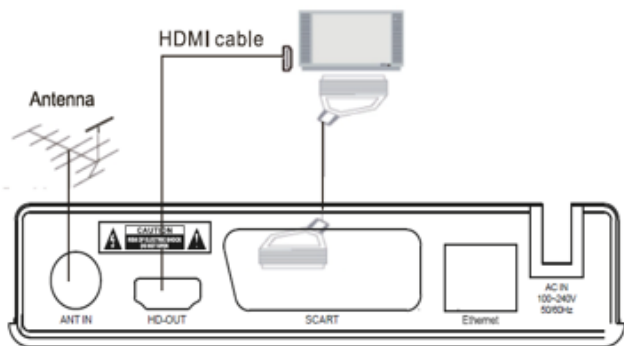
Point the remote control to the receiver, no more than 8 meters from the remote control. Sensor.



## CONNECTING TO TV

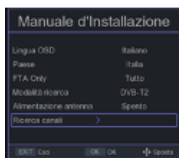
For a basic connection from your Set Top Box to the television, use the Composite connection outlined below,

For a higher quality connection, use the Component Video connection outlined below combined with the Composite Audio Connection. For the highest quality connection use a direct HDMI connection, see below.



## MAINMENU

**INSTALLATION GUIDE:** If you are using the receiver for the first time or have restored the receiver to Factory Settings, the Welcome Screen will appear on your TV screen. Press OK to start scanning channels.



OSD Language: Select a Language.



Country: Select a Country.

FTA Only: Two options All/FTA. All is for encrypted and free channels, FTA just be for free channels.

Search Mode: DVB-T2

Antenna Power: On/Off, that is to control antenna 5V power supply. Set to ON when having an active antenna without power adapter. Set to OFF when having passive antenna or active antenna with power adapter.

Channel Search: Press OK to start scanning channels automatically.

## SEARCH



Search Mode: DVB-T2

FTA Only: Two options All/FTA. All is for encrypted and free channels, FTA just be for free channels.

Auto Search : Automatic searching and saving available TV channels.

Manual Search: Manual searching for TV channels. You can search the channel by number or frequency. When you choose the desired options, press Search to start searching.

Country: Select a Country.

Antenna Power: On/Off, that is to control antenna 5V power supply. Set to ON when having an active antenna without power adapter. Set to OFF when having passive antenna or active antenna with power adapter.

## PROGRAM



### CHANNEL EDIT:

This menu enables you to edit channel lists by locking, deleting, skipping, moving channels and creating favorite channel lists. If you want to preview the channel, select it and press OK.

### Delete

Press 1 button on the remote control and then press OK. The channel will be marked with an icon. Press the EXIT button to confirm changes and press OK to save it.

### Move

Select a channel and press 2 button. Then press OK. The channel will be marked with an icon. Use the up and down buttons on the remote control, to select new position for this channel and press OK. The channel will be moved to the selected position.

Note! If you want to move channels in a new position, the LCN option should be OFF.

### Skip

Select a channel and press 3 button. Then press OK. The channel will be marked with an icon. Press EXIT button to confirm changes. The selected channel will be skipped when you switch channels. To unskip, select this channel, press 3 button and confirm by pressing OK.

### Lock

Select a channel and press Red button on the remote control. Then press OK and input the default password "000000". The channel will be marked with an icon. Press the EXIT button to confirm changes. The selected channel will be locked. If you want to unlock, select this channel, press 4 button and input "000000" press OK to unlock channels.

## FAV

- Select a channel and press 5 button on the remote control. Then press OK. A favorite list will be displayed.
- Choose one of the lists and press OK. Then press EXIT button to confirm changes. The selected channel will be saved in that list (it is now marked with an icon).
- Use left and right buttons on the remote control to switch between channel lists.. To delete channel from the favorite list, select the channel, press 5 button and then press OK. Favorite channel list will be displayed. Press OK button again. Then, you can exit menu to confirm the changes. The channel will be deleted from the favorite list.

## PROGRAM GUIDE:

1. Enter EPG, press GREEN button to check Day- channels guide and press YELLOW to check Day+ channels guide.
2. Or press EPG button on the remote control to enter Electronic Program Guide.
3. Use Up and down buttons on the remote control to navigate the program.
4. Choose program you want, press right button on the remote control and use up and down buttons of RCU to choose channels at different time period. Press OK to check channels detailed information.
5. Press red button to do a timer to watch selected channels in time, press exit button to save the schedule, the channels will be marked with a green dot icon.

## SORT:

You can sort the channels by LCN/By TP/By service ID/By service Name

## LCN: ON/OFF

LCN (Logical Channel Number): Choose if you want to sort the channels according to their logical channel number.

## Volume scope: Global/Channel.

If global, volume control will be applied to each channels.

If Channel, volume control will be applied to current channel.

## PICTURE

### ASPECT RATIO:

Available options: Auto, 16:9 wide screen, 16:9 pillar box, 16:9 pan scan, 4:3 letter box, 4:3 pan scan, 4:3 full, 4:3PS, 4:3LB or . The default value is Auto.

Resolution/TV format: Choose PAL, relative resolution will be 576i/720p/1080i/1080p.

Choose NTSC, relative resolution will be 480i/480p/720p/1080i/1080p.

OSD SETTING:

Transparency : Set the OSD transparency from 0% to 60%.

Brightness: Set the OSD transparency from 20% to 100%

Chroma: Set the OSD transparency from 20% to 100%

Contrast: Set the OSD transparency from 20% to 100%

OSD Timeout : Select the duration of displaying Info bar, 3s,5s and 8s for optional.

## PANEL SETTING:

LED BRIGHTNESS: Adjust LED brightness of front panel. There are three levels: full/low/middle.

LED DISPLAY:Time/Ch no. Choose time to display current time in LED and choose Ch no. to display current channel number.

STANDBY SHOW TIME: ON/OFF to control LED display TIME OR NOT when standby.



## SYSTEM

Parental Guidance: Set the age limit for channels. The age range is from 4-18. Limited channels will be protected by a password "000000". Default value is Off.

Lock Control: Press "000000" password to enter menu to set menu lock/channel lock.

Menu lock is used to control the limit of menu operation, searching channels and SW upgrading.

Channel lock is used to control the limit of channel edit.

New Password : Enter new password.

Confirm Password : Confirm the new password.



Note : Default Password is 000000. There is also a Master PIN, in case of forgetting the password that you were set. The mater PIN is 873543.

Factory Reset: If you choose to restore Factory Settings, the Channel Lists and all Settings will be deleted. Entering password is "000000".

System information: Displays Information about the Lib, application, hardware version, Hardware info and Build time.

Software Upgrade:

Upgrade Type: USB Upgrade

Section: All

File Path: Choose correct software bin file

Start: Press OK to start upgrading process.



Network Setting: Set network configuration.

Power on Control: Power On/Standby/Last state

Power on: Receiver will keep power on after power off and power on.

Standby: Receiver will keep standby after power off and power on.

Last state: Receiver will restore last state after power off and power on.



## TIME

REGION AND TIME:

Time Offset: Auto/Manual

Region: City selected according to country setting.

Time Zone: If Auto, this setting will set time based on our current country automatically. If manual, this setting can be revised by manually.

Summer Time: ON/OFF.

Sleep(HOUR): Set the sleep time after no any operation. You can set OFF or from 1~12 hours.

Timer Setting:

Mode: Play

Type: Once/Daily/Mon./Tues./Wed./Thur./Fri./Sat./Sun.

Start Date: Set the start date to start up watching channels you scheduled.

Start Time: Set when scheduled channels will be started.

Channel: Choose which channel you want to watch in time.

After setting well, press EXIT to save schedules.

Press RED to delete schedule,

Press Green button to add new schedule,

Press Yellow to edit channels. Press Blue button to delete all schedules.

Power On/Off: Set time when device power on, and set time when device power off.  
se apaga el dispositivo.



## OPTION

OSD Language: Select the language of the Menu

EPG Language: Select the language of EPG

Subtitle language: ON/OFF

TTX language: Select the language of TTX.

First Audio Language: Select First Audio Language

Second Audio Language: Select Second Audio Language

Digital Audio: Auto/PCM/Bypass

Auto, receiver will detect digital audio automatically.

PCM, receiver will decode digital audio.

Bypass, external device will decode digital audio.



## USB

You can clone settings from one receiver to another by following the steps in the following video:

<https://www.ek.plus/en/product/tk-t2/>

Media Centre: File/Video/Music/Picture

1. Make sure the USB drive is connected to the device.
2. Enter related format to play media files.

Internet: Two network application can be used. One is for weather, to check weather of different cities. Another is for RSS reader, to check news from Yahoo and BBC.



## TROUBLESHOOTING



PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
The LED display is not lit	The power adapter is disconnected	Check the connection of the power adapter
No signal	The antenna is disconnected The antenna is damaged/ not properly configured No signals are transmitted	Check the antenna connection
There are no images or sound	An incorrect mode has been selected	Select the correct mode on the television
Warning that the channel is coded/not available	Channel coded/not available	Select another channel
The remote control does not work	The device is turned off. The remote control is not pointing at the device There is an obstacle between the remote control and the device The batteries are dead	Turn on the device Point the remote control at the device, no more than 8 metres away from the remote control sensor and at a horizontal and vertical angle of 30° in front of the equipment. Ensure that there are no obstacles between the remote control and the device Replace the batteries with new ones
Forgotten channel password		Eliminar el canal bloqueado y realizar una nueva búsqueda de los canales
There is no signal when the device is moved to another room	The antenna connection at another site may be different (lower signal strength which produces weaker channel reception or no signal)	Check the antenna connection or connect a signal amplifier

## SAFETY INSTRUCTIONS:

Carefully read the instruction manual before use and keep the manual for future reference. The manufacturer shall not be held liable for damages owing to due to an improper use of the device.

### ATTENTION

DANGER OF ELECTROCUTION  
DO NOT OPEN

	This symbol is to warn about existence of uninsulated dangerous voltages in the product housing, which may pose a danger of electrocution.
	This symbol is to warn about the existence of important operating and maintenance instructions (assistance) in the texts included in the device.

- 1) Read these instructions
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 8) Operate this product only from the type of power source indicated on the label. If you are not sure of the type of power connected to your home, consult your local power company. Disconnect the unit from the mains before any maintenance or installation procedure.
- 9) Protect the mains cord from damage and stress.
- 10) Only use attachments/accessories specified by the manufacturer.
- 11) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 12) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, including damage to the mains cord or plug, if the unit has been exposed to liquid or moisture, has been dropped or is not operating correctly.
- 13) Do not impede the air flow into the unit by blocking the ventilation slots.

- 14) Attention should be drawn to the environmental aspects of battery disposal.  
15) Use the apparatus in moderate climate.

**WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

**WARNING:** The batteries shall not be exposed to excessive heat such as direct sun light, fire, etc.

MADE IN China



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