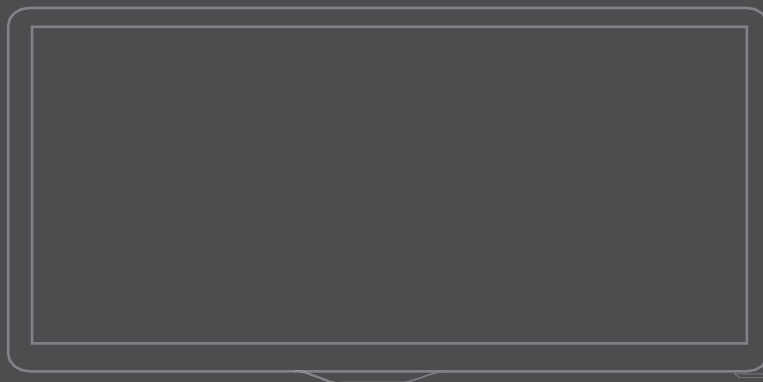


HYUNDAI
ELECTRONICS

USER MANUAL



CE

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SAFETY INSTRUCTIONS



This device contains high voltage electricity. To avoid the risk of electric shock, please do not remove the device cover. If you encounter a problem, please contact one of our authorized service centers.

Any change or incorrect setting of the LED Display can result in electric shock. Do not open the device for maintenance or repair; do not modify the device's equipment; or allow unqualified people to intervene with it. If you encounter any problems, please contact one of our authorized service centers

Precautions Against Permanent Screen Damage

Images remaining still on the screen for more than 2 hours will cause permanent screen damage. Therefore, when using the device, keep the pause times as short as possible and switch off the device if there is a possibility of a prolonged pause. You can also adjust the "Brightness" and "Contrast" settings to lower levels in the event of a pause.

WARNING!



The "exclamation mark in an equilateral triangle" reminds the user of important operating and maintenance (servicing) instructions that must be followed when using the appliance in question.



The "lightning bolt with arrow" or "broken arrow" sign in an equilateral triangle warns the user of the presence of an uninsulated "dangerous voltage" level in the vicinity of the appliance which, if contacted, could pose a hazard to humans.

1. Please read this user guide carefully before using the LED Display and keep it for future reference. If the device is given to another person, give the operating instructions along with the device.
2. Unpack the device and check that there is no damage to the device, its accessories, or the cable. In case of any damage, breakage, or cracks on the device or the cable, or if the accessories are damaged or missing, do not use the device and contact your nearest authorized service center.
3. Plastic bags are extremely dangerous for children and babies. Never allow children and babies to play with the nylon plastic bags of the device or its accessories. Do not leave nylon plastic bags near children and babies.
4. To avoid the risk of fire and electric shock, do not use the appliance in excessively humid and damp conditions or near places with water such as bathrooms, bathtubs, sinks or swimming pools.
5. Do not leave the device in precipitation (exposed to rain, snow, or wind), where water may be splashed or spilled, or in a position where the device may fall into water. Make sure that no water or other liquid gets on the device. Vases, jugs, and other containers filled with water or other liquids should not be placed near the device. Do not use the device in environments where it may be exposed to water vapor or moisture, as well as around humidifiers.
6. Keep the LED display away from all heat sources, such as stoves, radiators, electric stoves, etc., and devices that generate magnetic fields. Do not leave the device or its remote control in the vicinity of flames, fire or liquid sources, or objects that may pose a hazard to avoid the risk of fire or damage to the device.
7. Keep the device, remote-control, remote-control batteries, and other accessories away from direct sunlight and heat sources. Before plugging the device into an electrical outlet, make other connections and make sure that all connections are made correctly.
8. Before making any connections, turn off the device and disconnect the power cord. Before installation, maintenance, cleaning or transportation, unplug the device from the power outlet.
9. Before connecting the device's power plug, ensure that the electrical



network is suitable for the values specified on the device (AC 100-240V-50/60HZ) and that the line is protected with a suitable fuse. Even if the power switch, if any, is turned off, the device must not be disconnected from the power supply unless the power plug is removed from the socket.

10. Insert the power plug into a socket located at the back of the device so that the cord is not stepped on and is easily accessible when needed.
11. Make sure that the power plug is fully inserted into the socket. Make sure that there is no water, moisture or dust in the inlet of the power plug and socket.
12. It is the responsibility of the consumer to ensure that the electrical network for the device is suitable and that it is installed by a qualified electrician. The manufacturer cannot be held responsible for any damage to the device caused by the use of the device in electrical networks that do not comply with local regulations.
13. Never use broken or deformed electrical sockets. Remove the power plug from the socket by holding the plug, do not pull by the cord. Do not leave the power cord of the device under or on objects such as carpets or rugs where it can be stepped on, and avoid crushing the power cord. If the power cable is damaged, do not use the device and contact an authorized service center.
14. Do not use an extension cord or socket group to operate more than one high-power electrical device in the same socket. Overloading the power outlet can cause fire and electric shock. If an extension cable is required, make sure it meets the device's specifications.
15. Do not overtighten, knot, connect, or coil the device's power cable to other connecting cables or the power cables of other devices.
16. Do not leave the power cord of the appliance on wet or hot surfaces, and keep it out of the reach of children.
17. Never open the back cover of the device and do not attempt to modify the equipment. The device contains non-isolated hazardous voltage, which could result in electric shock and other life-threatening hazards.
18. Only use original and manufacturer-authorized accessories with the device.

19. Make sure that no part of the device, particularly the screen, has been hit or broken. Impact to the device or the screen may cause malfunction of the device and serious injury.
20. Be careful not to scratch the screen. Hard or sharp objects can easily damage the screen. Also, do not apply excessive pressure to the screen with your hand or any other object.
21. Place the device on a hard, level surface that can support its weight; never place it on a slanted surface. Use only the stand, mounting bracket, or other accessories supplied with the device or recommended by the manufacturer to prevent possible tipping. Only mount the LED display on the wall or ceiling as recommended.
22. Unplug the device from the mains socket during thunderstorms, heavy rain, and when it will not be used for a long period of time.
23. Never cover the device. Do not cover the ventilation holes of the device with cloths, newspapers, etc. Allow at least 10 cm of ventilation space on the back, sides, and top of the device.
24. Do not use the device in potentially hazardous or poorly ventilated areas. Do not use the device in narrow and closed spaces such as shelves and display cases, without proper ventilation.
25. Do not place any objects on the device.
26. Do not allow any solid or liquid substances to enter through the ventilation holes on the device. Metal objects and liquids, in particular, pose a risk of short circuiting or electric shock, as well as device damage and fire. If solid or liquid substances get into the device, immediately disconnect the power plug from the socket and do not operate the device again until it has been checked by an authorized service center.
27. The device is intended for home use. Do not use the device outside. Use the device only for its intended purpose; do not use it for industrial or commercial purposes.
28. The manufacturer is not responsible for any malfunction or damage caused by improper or incorrect use.

29. The following are some general rules to follow when using any electrical device.
30. Never touch the device and the power cord with wet or damp hands.
31. Never leave the device out in the rain, near water, in extremely humid environments, or in direct sunlight.
32. Inspect the device and the power cable for damage on a regular basis.
33. Before cleaning the device, turn it off and remove the power plug from the socket. Clean the device periodically. Wipe the device down with a slightly damp soft cloth and then dry with a dry soft cloth. Do not spray cleaning agents on the device, immerse it in water or other liquids, or pour water or other liquids on it. Do not use abrasive materials to scrape the device's surface.
34. Do not pour or spray any liquid on the screen for cleaning purposes. Do not use excessive pressure on the screen during cleaning. Otherwise, it may cause scratches on the screen and image distortion.
35. Do not leave the device running and walk away from it for an extended period of time. When not in use, turn off the device and remove the power plug from the socket.
36. Do not allow small children to use or play with the device. Do not leave the device running in the presence of children, and walk away from them. Do not allow children to come into contact with the device while it is working.
37. Do not allow small children to play with the remote control or other accessories, and keep the remote control and other accessories out of the reach of children. Swallowing remote control batteries or small accessories can be life-threatening. In case of battery swallowing, contact a health care provider immediately.
38. Do not use the device near or in the presence of flammable, combustible, or explosive materials. Make sure there is no gasoline, thinner, alcohol, paint, or any other flammable or combustible material in the area where the device will be used.
39. Do not use the device in excessively dusty environments where hot particles or sparks may enter the device.

40. When using the device with headphones, make sure that the volume is not too high. High levels of noise can result in temporary or permanent hearing loss.
41. Watching a screen in darkness or low light can cause eye strain. It is recommended that the screen be watched at an appropriate light level.
42. The USB terminal of the device must not be loaded with currents higher than 0.5 A (500 mA).
43. When the device is watched from different angles, the color and brightness of the image may differ. This is normal and does not indicate a problem with the device.
44. On the screen, small black and/or brightly colored dots up to 1 ppm in size may be present. These points do not indicate that the product is defective and do not affect its performance or reliability.
45. Do not mix old and new batteries, as well as batteries from different brands, models, and types. Replace dead batteries with new ones of the same size and capacity.
46. Dead batteries should be disposed of in accordance with local laws and regulations and should not be thrown away with other household waste.
47. If the device is struck or damaged in any way, if foreign objects enter the device, or if odors or smoke emanate from the device, immediately disconnect the power plug from the mains and contact an authorized service center.
48. This device is not intended for use by people with physical, sensory, or mental disabilities, inexperienced or uninformed people, or children who are not supervised by an adult.
49. In the event of damage to the power cable, never use the device, do not attempt to replace the cable yourself, or allow unauthorized persons to intervene with the device. The power cable must be replaced with a suitable cable by an authorized service center.
50. If the device is damaged or malfunctioning, immediately turn it off and remove power plug from the socket. Do not use damaged devices. Never

open the device cover, attempt to repair the device yourself, or allow unauthorized persons to intervene with the device without contacting an authorized service center.

51. Do not allow small children to play with the remote control and remote control batteries, and keep the remote control out of the reach of children. Swallowing remote control batteries or accessories can be life-threatening. In case of battery swallowing, contact a health care provider immediately.

Matters to be Considered During Transportation and Shipping:

1. Transport the device in its original packaging and protective accessories.
2. During handling or transportation, do not allow the device to fall, be crushed, or be hit in any way. Do not use the device if it has been dropped or hit, and contact an authorized service center.

Precautions Against Permanent Screen Damage


Images remaining still on the screen for more than 2 hours may cause permanent screen damage. Therefore, when using the device, keep the pause times as short as possible and switch off the device if there is a possibility of a prolonged pause. You can also adjust the "Brightness" and "Contrast" settings to lower levels in the event of a pause.


Note: All illustrations, diagrams and function descriptions in this manual are for reference only. The manufacturer reserves the right to make changes in product appearance, specifications and functions without prior notice. Please keep in mind that the software may alter the device's functionality.

REMOTE CONTROL FUNCTIONS

24HYN3000/32HYN3001

WARNING : Do not allow small children to play with the remote control and remote control batteries, and keep the remote control out of the reach of children. Swallowing remote control batteries or accessories can be life-threatening. In case of battery swallowing, contact a health care provider immediately.

 **On/Off** : Turns the screen on while in standby state and turns it off in standby state when the screen is on.

 **Mute**: Mutes the sound completely, when pressed again unmutes the sound.

P. MODE: Changes the picture mode.

S. MODE: Changes the audio mode.

SLEEP: Press to set the sleep time.


0-9 Number Buttons: Navigates to the channel whose number is entered.


-/-- : When you need to enter a channel number, it allows you to select the number of digits.

 : Returns to the previously opened channel.

SOURCE: Changes the Input Source.

AUTO: Use this button to configure the computer (PC) input using the VGA connection on the back of your television.

 : Keys to select the section to be adjusted.
Increases / decreases the channel number.

 : The selected section can be set with these buttons.

MENU: Opens and closes the menu.

EXIT : Closes the current menu.

VOL + / VOL-: Increase/decrease the volume.

CH + / CH-: Increases / decreases the channel number.

DISPLAY: Press to display the source and channel information.

ASPECT: Press to select the aspect ratio.


TEXT Press to show/hide text(for teletext only).



SIZE: Press to change text size in the TEXT mode (for TELETEXT only).

HOLD: Press to hold the text(for teletext only).


INDEX: Press to Display the index of the text(for TELETEXT only).

 : Stops multimedia files and resumes playback when pressed again.

 : Ends the started recording.

 : Rewinds while playing a multimedia file.

 : Fast forwards while playing a multimedia file.

 : Returns to the previous file while the multimedia file is playing.

 : Moves to the next file while the multimedia file is playing.

NICAM/A2:Press repeatedly to cycle through the NICAM/A2 mode.

SUBTITLE: To switch the dialogue at the bottom of the screen in Multimedia(USB playback) or DTV mode.

LANG: To show the list of audio languages available for the current channel in DTV mode.

EPG: Press to show the Electronic Program Guide menu.

● **REC:** Records the current broadcast. (USB memory required.)

TV/RADIO When pressed switches to radio channels, when pressed again returns to the satellite channels .

FAV: Opens the favorite channel list.

T. SHIFT: Starts time recording. (USB memory required.)

REC.M: Access recording menu in DTV menu.

◆ **All pictures in this manual are examples, only for reference, actual product may differ from the pictures.**

◆ **The buttons not mentioned here are not used.**

*Not valid for models without built in satellite receiver.

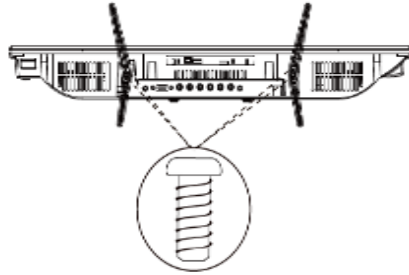
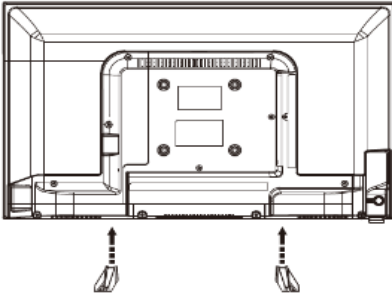
WARNING: Keep the remote control device away from direct sunlight, heat sources, fire, and radiation emitting devices.

Inserting the Batteries:

Open the battery compartment cover on the back of the remote control. Insert two AAA batteries, paying attention to the + and - poles, into the battery compartment. Do not use old and new batteries or different types of batteries at the same time. Replace the battery compartment cover and make sure that it is tightly closed.

24HYN3000

Implementation of Tabletop Display Stand



This backview is only for your reference; details according to the model

1. Take the LED display and its accessories out of the box
2. Place the device on a table covered with a clean, soft cloth, with the screen on the bottom, to avoid screen damage.
3. Attach the feet to the device by pushing them in the direction indicated by the arrow in the figure above.

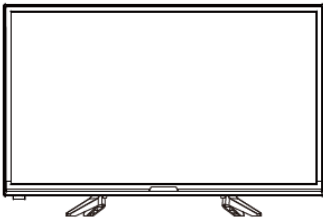
Attach the feet to the device using the screws, and secure the screws tightly.

LED Display Setup

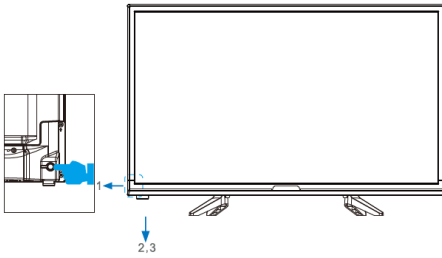
LED Display Setup: Place the LED display on a smooth surface that can support its weight. To avoid potential hazards, do not leave the LED display in extremely humid or hot environments or close to heat sources. Leave a gap of at least 10 cm in all directions and do not cover the ventilation holes on the display back panel, as shown in the figure.

Connecting the Power Plug:

Insert the power plug into the socket. Before connecting the device's power plug to the mains socket, make sure that the mains supply corresponds to the values indicated on the technical label of the device (AC 100-240V ~ 50/60Hz).



Operating the Led Display:










Turn on the LED display by pressing the On/Off button on the bottom of the device. The indicator light will glow green.

NOTE: Images and descriptions are for reference. There may be differences in product appearance and button locations.

You can control the following functions from the device without a remote control. You can use the smart button on the device for this. Select the desired icon by pressing the button repeatedly for a short time. Press and hold the button to activate the function for the selected icon. The icons disappear automatically after 5 seconds.

Touch the key at the bottom of the screen to display the control icons.

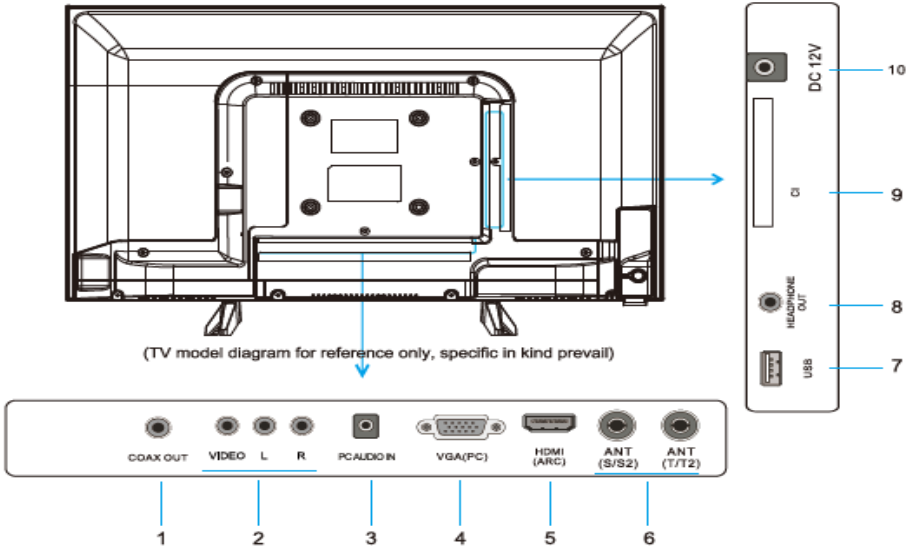
Symbols and their functions

-  : Power-off symbol: Turns the device off.
-  : Menu symbol: Brings the menu to the screen.
-  : Input source selection symbol: Selects the input source.
-  : Channel up symbol: Switches to the next upper channel.
-  : Channel down symbol: Switches to the lower channel.
-  : Volume up symbol: Increases the volume.
-  : Volume down icon: Reduces the volume.

Power Indicator : Indicator illuminates RED in standby mode and no Light when Tv is switched on.

Remote Sensor : Infrared sensor for the remote control.

24HYN3000

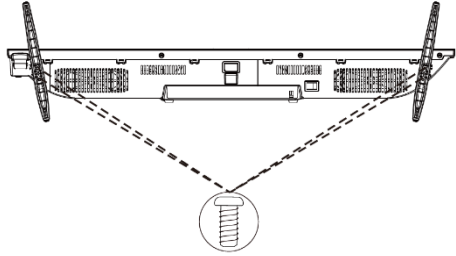
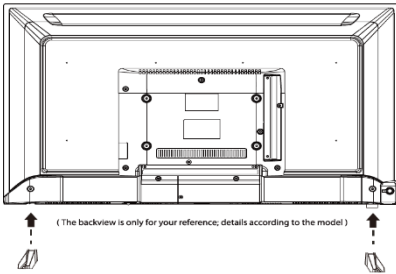


| NO | INPUT/OUTPUT |
|----|------------------------------|
| 1 | Digital Audio Output |
| 2 | AV |
| 3 | PC Audio Input |
| 4 | VGA |
| 5 | HDMI |
| 6 | Antenna Input (S/S2/T/T2) |
| 7 | USB |
| 8 | Headphone Output |
| 9 | Common Interface (CI) Module |
| 10 | DC 12V Input |

Please note: When you use a USB with an external device, if the current is too large, external equipment needs an external power supply (such as a mobile hard disk or mobile drive).

32HYN3001

Implementation of Tabletop Display Stand

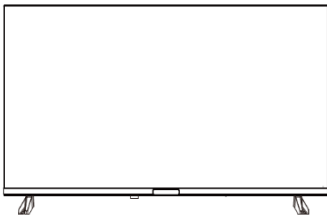


This backview is only for your reference; details according to the model

1. Take the LED display and its accessories out of the box.
2. Place the device on a table covered with a clean, soft cloth, with the screen on the bottom, to avoid screen damage.
3. Attach the feet to the device by pushing them in the direction indicated by the arrow in the figure above.

Attach the feet to the device using the screws, and secure the screws tightly.

LED Display Setup



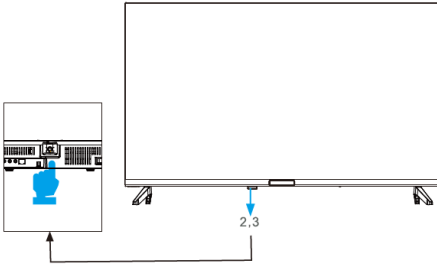
LED Display Setup: Place the LED display on a smooth surface that can support its weight. To avoid potential hazards, do not leave the LED display in extremely humid or hot environments or close to heat sources. Leave a gap of at least 10 cm in all directions and do not cover the ventilation holes on the display back

panel, as shown in the figure.

Connecting the Power Plug:

Insert the power plug into the socket. Before connecting the device's power plug to the mains socket, make sure that the mains supply corresponds to the values indicated on the technical label of the device (AC 100-240V ~ 50/60Hz).

Operating the Led Display:










Turn on the LED display by pressing the On/Off button on the bottom of the device. The indicator light will glow green.

NOTE: Images and descriptions are for reference. There may be differences in product appearance and button locations.

You can control the following functions from the device without a remote control. You can use the smart button on the device for this. Select the desired icon by pressing the button repeatedly for a short time. Press and hold the button to activate the function for the selected icon. The icons disappear automatically after 5 seconds.

Touch the key at the bottom of the screen to display the control icons.

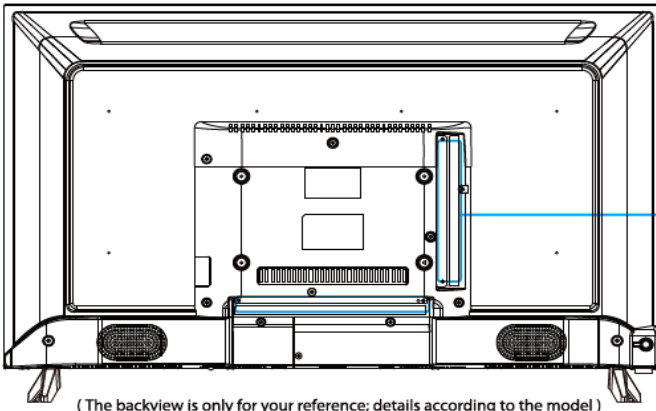
Symbols and their functions

-  : Power-off symbol: Turns the device off.
-  : Menu symbol: Brings the menu to the screen.
-  : Input source selection symbol: Selects the input source.
-  : Channel up symbol: Switches to the next upper channel.
-  : Channel down symbol: Switches to the lower channel.
-  : Volume up symbol: Increases the volume.
-  : Volume down icon: Reduces the volume.

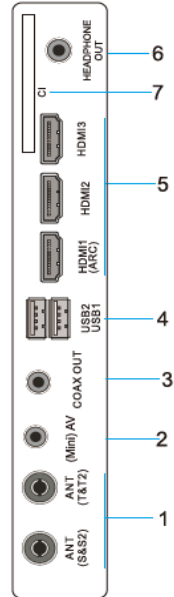
Power Indicator : Indicator illuminates RED in standby mode and no Light when Tv is switched on.

Remote Sensor : Infrared sensor for the remote control.

32HYN3001



(The backview is only for your reference; details according to the model)



| NO | INPUT/OUTPUT |
|----|------------------------------|
| 1 | Antenna Input (S/S2/T/T2) |
| 2 | Mini AV |
| 3 | Digital Audio Output |
| 4 | USB1 , USB2 |
| 5 | HDMI1 , HDMI2 , HDMI3 |
| 6 | Headphone Output |
| 7 | Common Interface (CI) Module |

INPUT FUNCTION SELECTION

By pressing the SOURCE button on the remote control and selecting with the RIGHT/LEFT buttons, you can access the source menu. Press OK/ENTER to display the source you have selected.

TV Functions

MENU

To enter the menu, press the menu button on the remote control. Using the right/left arrow keys, select the menu you want to enter and press OK/ENTER button.

CHANNEL

Auto Search (Satellite Antenna Source)

Select the Auto Search menu and press OK.

Select the satellite from the menu that appears by using the right/left buttons on the remote control.

Scan Mode: Select one of the options Network, Default, Full Scan and press OK.

Channel Type: Everything, you can select TV only.

Service Type: All Services, you can choose one of the Free Service options.

DiseqC1.0: If you use more than one satellite. Select according to the Diseqc connection. EXAMPLE: DiseqC1.0 LNB1: Turksat; LNB 2: Hotbird etc. You can select 1-4 SATELLITE.

DiseqC1.1 : If you use this system in your signal, you can sort the satellites from 1 to 16 as described above.

Program Table: Move, skip, and delete selections can be used to organize channels according to your wishes.

Schedule List: With this menu, the user can save the desired channels. For recording, USB must be plugged into the TV.

NOTE: Since not every broadcasting channel has time information, your records may not be correct. That is why you should select channels with time information.

Signal Information: Shows the signal information of the channel you are watching.

CI Information: Module (CAM) can be used to decrypt encrypted Channels. You can see the module information from this menu.

Satellite Dish Antenna Setup: You can use this menu to setup the satellite antenna connected to your TV.

Press the EPG button to view the Transponder list for the selected satellite. By selecting one or more frequencies, you can search the selected frequency. A new satellite can be added using the yellow button on the remote control. Use the EPG button on the remote control to navigate to the frequency list. You can edit, add, delete and scan frequencies using the colored buttons on the remote control.

PICTURE

Picture Mode: By selecting one of the options Dynamic, Standard, or Film, you can watch with predefined settings. By selecting the User mode, you can adjust the contrast, brightness, color, sharpness, color temperature, and noise reduction as you wish.

SOUND

Sound Mode: By selecting one of the options Standard, Music, Film, or Speech, you can watch with predefined settings. When Personal mode is selected, you can adjust the treble and bass settings as desired.

Balance: you can adjust the sound distribution between the left and right speakers.

AVL: When set to On, prevents a sudden increase in volume when moving between channels.

TIME

Clock: Displays the current time setting.

Time Zone: The region must be chosen properly in order for the clock to work correctly. For Turkey it should be set to +3.

Switch-off time: You must select one of these times for the TV to turn off automatically at 10, 20, 30, 60, or 90 minutes.

Auto Power Off: Your TV may turn off automatically if it does not receive commands from the remote control or keypad for a certain period of time. To activate this feature, you must select one of the 3-, 4-, or 5-hour options.

OSD Duration: From this menu you can set the disappearance time of the menus used on the TV screen.

Set Password: In this menu, set the password you will use.

Program Lock: From this menu you can lock the channel you wish. Select the channel to be locked and press the green button on the remote control.

Parental Control: You can put a lock for ages between 3 and 18.

NOTE: Make a note of the password you have set and do not forget it.

SETTING

OSD Language: The menu language of the TV can be selected.

TT Language: Teletext language setting of the TV can be adjusted from this menu.

Audio Licenses: If second or more language support is available on the broadcasting channel, the audio language can be selected from this menu.

Subtitle Language: If the broadcast channel supports subtitles, you can select the subtitle language you want to watch the broadcast in here.

Hearing Impaired: You can toggle hearing impaired support on and off if the broadcasting channel has this feature.

PVR File System: If you have a USB or HDD plugged in, you can see the file system.

Screen Format: You can adjust the aspect ratio of the image from this menu. You must select 16/9 to view in full screen.

Blue Screen: If this mode is on, the TV screen will automatically turn blue if there is no broadcast. It remains black in the off position.

Initial Setup: You can re-setup your TV by going to the initial setup menu and selecting the OSD language, the country selection, and the satellite / terrestrial / cable broadcast selection.

Reset: From this menu, you can reset the settings made by the user later.

USE WITH TERRESTRIAL ANTENNA

DTV Search: Select Auto search and press OK. From the drop-down menu, select the Tuner type. Select ATV+DTV OR ATV, DTV ONLY and press OK. Select DVB-C from this menu and press OK if you want to search for cable TV broadcasts.

Select these menus, enter the required values, and press OK to make manual tuning for ATV manual search or Cad manual tuning.

Select Photo, Music, Movie, Movie, Text from the menu that appears, depending on what information you have stored on the USB. Press the OK button if there is more than 1, select the ones you want to start, and press the OK button, and it will start.

MEDIA PLAYER FUNCTIONS

Insert the USB flash drive into the TV and press the source button. Using the up/down directional T-keys, select the Media option. Select the media type you want to play with the right/left arrow keys, and then select the file you want to play from the drop- down menu.

TECHNICAL SPECIFICATIONS






| | |
|---------------------|---|
| MODEL NO | 24HYN3000 |
| VOLTAGE | AC 100-240V 50/60Hz |
| POWER | 40W |
| SCREEN SIZE | 24" |
| RESOLUTION | 1366x768 |
| SOUND OUTPUT | 2x3 W |
| INPUT | 1x Terrestrial Antenna, 1x LNB 1x HDMI, 1x USB, 1x AV, 1x VGA, 1x PC Audio Input, 1x CI Module, 1xDC 12V |
| OUTPUT | 1xHeadphone Output, 1x Audio Output |

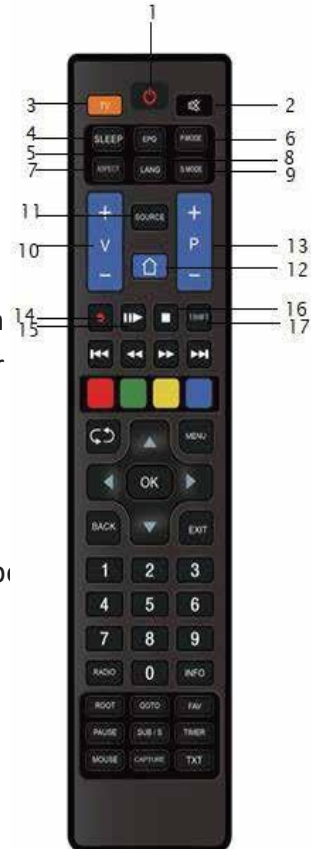
| | |
|---------------------|---|
| MODEL NO | 32HYN3001 |
| VOLTAGE | AC 100-240V 50/60Hz |
| POWER | 55W |
| SCREEN SIZE | 32" |
| RESOLUTION | 1366x768 |
| SOUND OUTPUT | 2x8 W |
| INPUT | 1x Terrestrial Antenna, 1x LNB Input 3x HDMI, 2x USB, 1x mini AV, 1x Module |
| OUTPUT | 1xHeadphone Output, 1x Audio Output |

REMOTE CONTROL FUNCTIONS

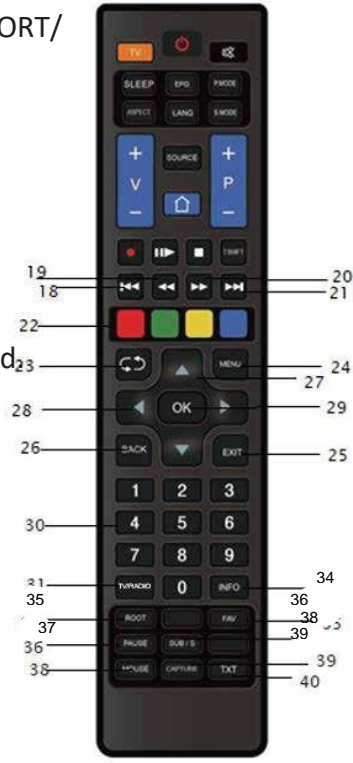
24HYN2000/ 32HYN2000

WARNING: Do not allow small children to play with the remote control and remote control batteries, and keep the remote control out of the reach of children. Swallowing remote control batteries or accessories can be life-threatening. In case of battery swallowing, contact a health care provider immediately.

1.  On/Off: turns the screen on while in standby state and turns it off in standby state when the screen is on.
2.  Mute: Mutes the sound completely, when pressed again unmutes the sound.
3. TV: When in broadcast mode, switches between antenna types (aerial, cable, and satellite). Switches to Satellite Mode while on the Smart TV screen.
4. SLEEP: Auto power off timer.
5. EPG: Displays the broadcast program and program description for the channel being watched. (For supported satellite broadcasts)
6. P. MODE: Changes the picture mode.
7. ASPECT: Changes the screen aspect ratio.
8. LANG: Changes the audio language of the channel being watched. (For supported satellite broadcasts)
9. S. MODE: Changes the audio mode.
10. VOL + / VOL- : Increase/decrease the volume.
11. SOURCE: Changes the Input Source.
12. HOME: Switches to the Smart TV home page.
13. P + / P-: Increases / decreases the channel number.
14.  REC: Records the current broadcast. (USB memory required.)
15.  Stops multimedia files. Press again and playback resumes.
16.  Ends the started recording. Closes the multimedia file being watched.
17. T. SHIFT: Initiates time shift (USB memory required.)






- 18. ⏮ : while playing a multimedia file, returns to the previous file.
- 19. ⏪ : Fast rewind while playing a multimedia file.
- 20. ⏩ : Fast forward during multimedia file playback.
- 21. ⏭ : Moves to the next file while the multimedia file is playing.
- 22. RED/GREEN/YELLOW/BLUE: Selects the NEWS/ SPORT/ WEATHER/ECONOMY category Teletext screen.
- 23. ↻ : Returns to the previously.
- 24. MENU: Opens and closes the menu the upper menu.
- 25. EXIT: Closes the current menu.
- 26. BACK: Returns to the upper menu. Returns to the previous operation.
- 27. ▼▲: Keys to select the section to be adjusted. Increases / decreases the channel number.
- 28. ◀▶ : the selected section can be set with these buttons.
- 29. OK: Used to save/confirm the selected or set menu options.
- 30. 0-9 Number Buttons: Navigates to the channel whose number is entered. Allows entry of numeric values from the menu.
- 31. RADIO: Switches to Radio channels while satellite broadcasts. Pressing again return.
- 32. Shows the registration information during registration.
- 33. ROOT: Opens the media center.
- 34. FAV: Opens the favorite channel list.
- 35. PAUSE: Stops the multimedia file while it is playing.
- 36. SUB/S: Shows subtitle options for supporting broadcasts.
- 37. MOUSE: Activates the mouse while on the Smart TV home screen.
- 38. CAPTURE: Takes a screenshot of the image being viewed.
- 39. TXT: Displays the Teletext.

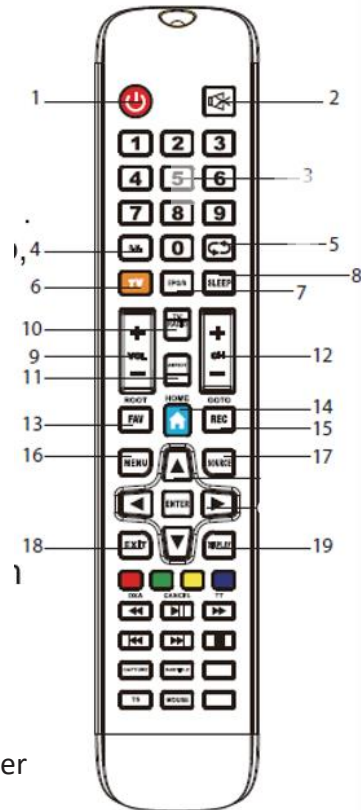


NOTE: The functions of some keys may change depending on software development.

24HYN1000 / 32HYN1000 / 32HYN1001

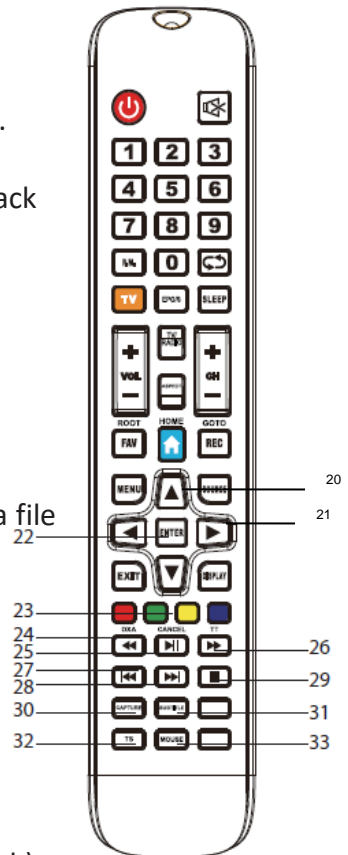
Remote Control Functions

1.  On/Off: turns the screen on while in standby state and turns it off in standby state when the screen is on.
2.  Mute: Completely mutes the sound, when pressed again turns the sound back on.
3. 0-9 Number Buttons: Navigates to the channel whose number is entered. Allows entry of numeric values from the menu.
4. P. MODE: Changes the picture mode.
5.  : Returns to the previously opened channel*
6. TV: When in broadcast mode, switches between antenna types (aerial, cable, and satellite). Switches to Satellite Mode while on the Smart TV screen.
7. EPG: Displays the broadcast program for the channel being watched.
8. SLEEP: Auto power off timer
9. VOL + / VOL-: Increase/decrease the volume.
10. TV-RADIO: When pressed switches to radio channels, when pressed again returns to the satellite channels.
11. ASPECT: Changes the aspect ratio of the displayed image in the TV function.
12. CH + / CH-: Increases / decreases the channel number.
13. FAV: Opens the favorite channel list.
14. HOME: Switches to the Smart TV home page.
15. REC: Records the current broadcast (USB memory required.)
16. MENU: Opens/closes the menu. Returns to the upper menu.
17. SOURCE: Changes the Input Source.
18. EXIT: Closes the current menu. Returns to the upper menu. Returns to the



previous operation.

19. DISPLAY: Provides information about the current monitoring mode.
Provides information about the currently playing multimedia file.
Shows the registration information during registration.
20. ▼▲Keys to select the section to be adjusted. Increases / decreases the channel number.
21. ◀▶: the selected section can be set with these buttons.
22. ENTER: Used to confirm or save the selected or set menu options.
23. RED/GREEN/YELLOW/BLUE: Selects news/sports/ weather/economy categories on the Teletext screen.
24. ◀◀: Fast rewind while playing a multimedia file.
25. ⏸: Stops multimedia files and resumes playback when pressed again.
26. TT / ▶▶: Displays teletext on the TV tab. Fast forward when playing multimedia files on the Smart TV screen.
27. ◀◀◀: Returns to the previous file while the multimedia file is playing.
28. ▶▶▶: Moves to the next file while the multimedia file is playing.
29. ■: Ends the started recording.
30. CAPTURE: Takes a screenshot of the image being viewed.
31. SUBTITLE: Shows subtitle options for supporting broadcasts.
32. T.SHIFT: Initiates time shift (USB memory required.)
33. MOUSE: When the button is pressed, the Smart TV screen shows a mouse.



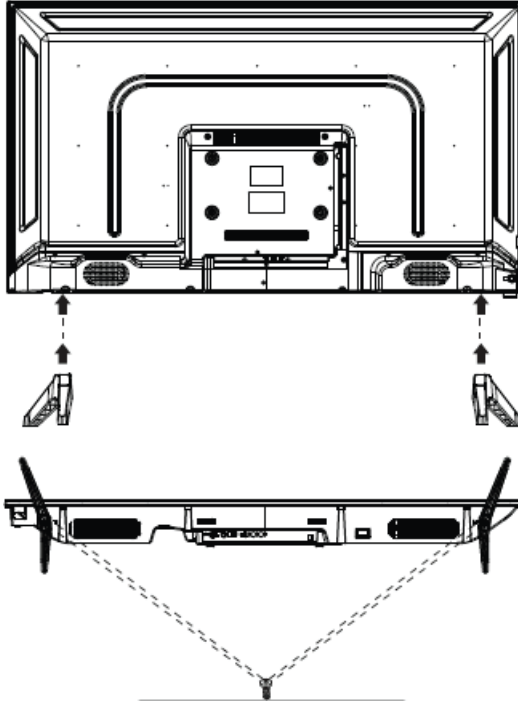
*Not valid for models without built in satellite receiver.

WARNING: Keep the remote-control device away from direct sunlight, heat sources, fire, and radiation emitting devices.

Inserting the Batteries:

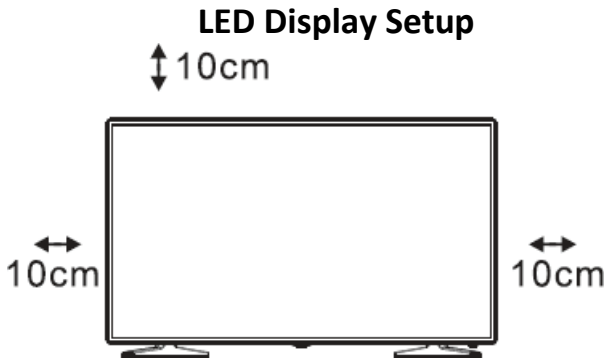
Open the battery compartment cover on the back of the remote control. Insert two AAA batteries, paying attention to the + and - poles, into the battery compartment. Do not use old and new batteries or different types of batteries at the same time. Replace the battery compartment cover and make sure that it is tightly closed.

Implementation of Tabletop Display Stand



1. Take the LED display and its accessories out of the box.
2. Place the device on a table covered with a clean, soft cloth, with the screen on the bottom, to avoid screen damage.
3. Attach the feet to the device by pushing them in the direction indicated by the arrow in the figure above.

Attach the feet to the device using the screws, and secure the screws tightly.

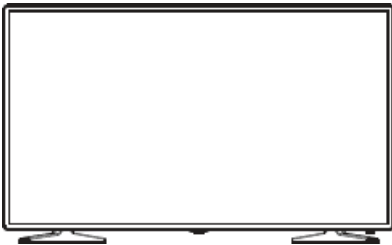


LED Display Setup: Place the LED display on a smooth surface that can support its weight. To avoid potential hazards, do not leave the LED display in extremely humid or hot environments or close to heat sources. Leave a gap of at least 10 cm in all directions and do not cover the ventilation holes on the display back panel, as shown in the figure.

Connecting the Power Plug:

Insert the power plug into the socket. Before connecting the device's power plug to the mains socket, make sure that the mains supply corresponds to the values indicated on the technical label of the device (AC 100-240V ~ 50/60Hz).

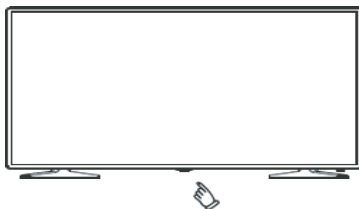
Operating the Led Display:



- ✎ Turn on the LED display by pressing the On/Off button on the bottom of the device. The indicator light will glow green.

NOTE: Images and descriptions are for reference. There may be differences in product appearance and button locations.

FRONT PANEL DIAGRAMS










| | | |
|---|----------------|---|
| 1 | Smart button | Please read the explanation below. |
| 2 | LED | When the TV is in standby mode, it lights up red. |
| 3 | Remote Control | Infrared receiver sensor for remote control |

You can control the following functions from the device without a remote control. You can use the smart button on the device for this. Select the desired icon by pressing the button repeatedly for a short time. Press and hold the button to activate the function for the selected icon. The icons disappear automatically after 5 seconds.

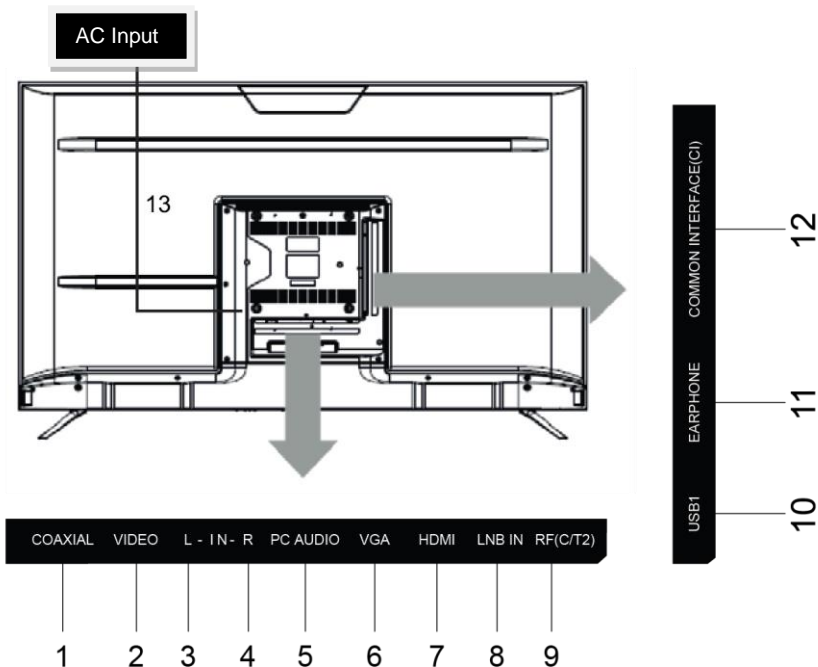
Touch the key at the bottom of the screen to display the control icons.

Symbols and their functions

-  : Power-off symbol: Turns the device off.
-  : Menu symbol: Brings the menu to the screen.
-  : Input source selection symbol: Selects the input source.
-  : Channel up symbol: Switches to the next upper channel.
-  : Channel down symbol: Switches to the lower channel.
-  : Volume up symbol: Increases the volume.
-  : Volume down icon: Reduces the volume.

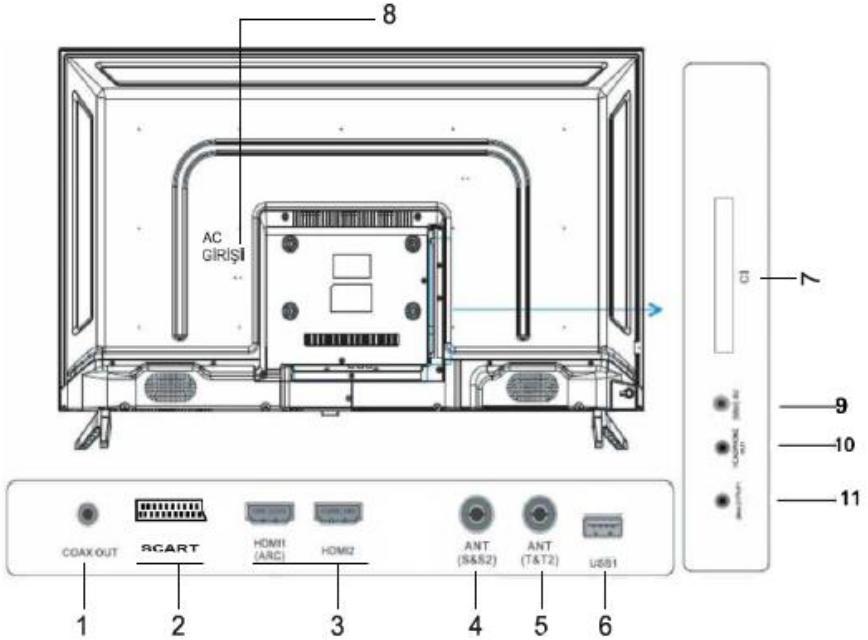
BACK PANEL DIAGRAMS

24HYN2000 LED TV



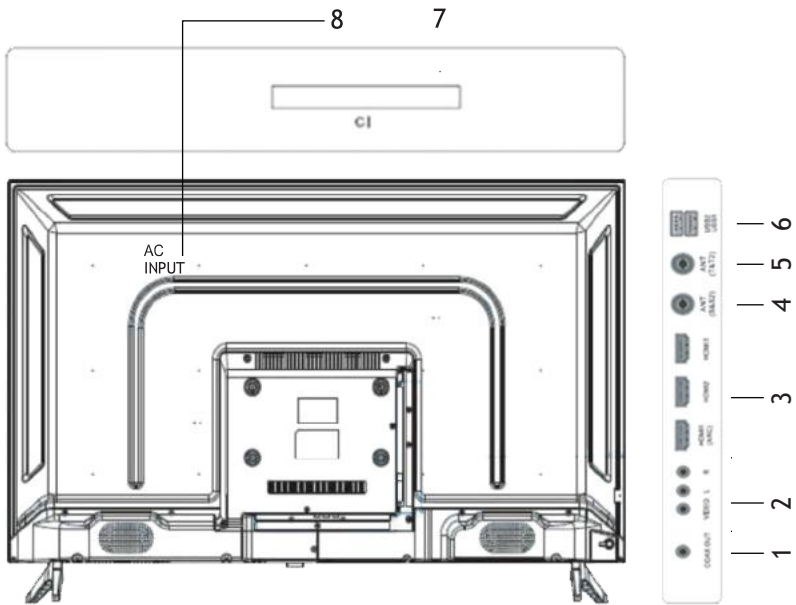
| NO | INPUT/OUTPUT NAME |
|----|---|
| 1 | Coaxial Digital Audio Output |
| 2 | Video Input |
| 3 | Audio Input (L) |
| 4 | Audio Input (R) |
| 5 | PC AUDIO Input |
| 6 | VGA |
| 7 | HDMI |
| 8 | Satellite Receiver Antenna Input (LNB) |
| 9 | Terrestrial Antenna Input (RF,C/T2) |
| 10 | USB |
| 11 | Headphone Output |
| 12 | CI Module Input |
| 13 | Power Supply Cable (110-220V AC 50/60 Hz) |

32HYN2000 LED TV



| NO | INPUT/OUTPUT NAME |
|----|---|
| 1 | Coaxial Digital Audio Output |
| 2 | Scart |
| 3 | HDMI Inputs |
| 4 | Satellite Receiver Antenna Input (LNB) |
| 5 | Terrestrial Antenna Input |
| 6 | USB Port |
| 7 | CI Module Input |
| 8 | Power Supply Cable (110-220V AC 50/60 Hz) |
| 9 | Mini AV Video and Audio Input |
| 10 | Headphone Output |
| 11 | Mini YPbPr Input |

24HYN1000 / 32HYN1000 / 32HYN1001 LED TV



| NO | INPUT/OUTPUT NAME |
|----|---|
| 1 | Coaxial Digital Audio Output |
| 2 | AV Video and Audio Input |
| 3 | HDMI Inputs |
| 4 | Satellite Receiver Antenna Input (LNB) |
| 5 | Terrestrial Antenna Input |
| 6 | USB Ports |
| 7 | CI Module Input |
| 8 | Power Supply Cable (110-220V AC 50/60 Hz) |

24HYN2000/32HYN2000/24HYN1000/32HYN1000/ 32HYN1001

HD LED TV GUIDE



Input Source Selection

Press the SOURCE Button to open the Input Source menu above. Select the desired input source with the up and down buttons of the remote control and press the OK button.

TV Functions

MENU

To enter the menu, press the menu button on the remote control. Using the right/left arrow keys, select the menu you want to enter and press OK/ENTER button.



CHANNEL

Auto Search (Satellite Antenna Source)

Select the Auto Search menu and press OK. Select the satellite from the menu that appears by using the right/left buttons on the remote control.

Scan Mode

Select one of the options Network, Default, Blind Scan and press OK.

Channel Type: You can select Open (unencrypted) + encrypted, Open or encrypted

Service Type: You can select one of the options All, DTV, Radio

DiseqC 1.0: If you use more than one satellite. Select according to the DiseqC connection. EXAMPLE: DiseqC1.0 LNB1: Turksat; LNB 2: Hotbird etc. You can select 1-4 SATELLITE.

DiseqC1.1: If you use this system in your signal, you can sort the satellites from 1 to 16 as described above

Program Table: Move, skip, and delete selections can be used to organize channels according to your wishes.

Schedule List: With this menu, the user can save the desired channels. For recording, USB must be plugged into the TV.

NOTE: Since not every broadcasting channel has time information, your records may not be correct. That is why you should select channels with time information.

Signal Information: Shows the signal information of the channel you are watching.

CI Information: Module (CAM) can be used to decrypt encrypted Channels. You can see the module information from this menu.

Satellite Dish Antenna Setup: You can use this menu to setup the satellite antenna connected to your TV.

Press the EPG button to view the Transponder list for the selected satellite. By selecting one or more frequencies, you can search the selected frequency.

A new satellite can be added using the yellow button on the remote control.

Use the EPG button on the remote control to navigate to the frequency list.

You can edit, add, delete and scan frequencies using the colored buttons on the remote control.

PICTURE



Picture Mode: By selecting one of the options Dynamic, Standard, or Soft, you can watch with predefined settings. By selecting the User mode, you can adjust the contrast, brightness, color, sharpness, color temperature, and noise reduction as you wish.

SOUND

Sound Mode: By selecting one of the options Standard, Music, Cinema, or Sports, you can watch with predefined settings. When Personal mode is selected, you can adjust the treble and bass settings as desired.

Balance: you can adjust the sound distribution between the left and right speakers.

AVL: When set to On, prevents a sudden increase in volume when moving between channels.

SPDIF Mode: By using this menu you can set the digital audio output mode.

TIME

Clock: Displays the current time setting.

Time Zone: The region must be chosen properly in order for the clock to work correctly. For Turkey it should be set to +3.

Switch-off time: You must select one of these times for the TV to turn off automatically at 15, 30, 45, 60, or 90 minutes.

Auto Power Off: Your TV may turn off automatically if it does not receive commands from the remote control or keypad for a certain period of time. To activate this feature, you must select one of the 3, 4, or 5 hour options.

OSD Duration: From this menu you can set the disappearance time of the menus used on the TV screen.

LOCK

Lock system: To activate the system lock, enter 0000 in this menu to activate a submenu. Turn the closed system lock to the open position.

Set Password: In this menu, set the password you will use.

Program Lock: From this menu you can lock the channel you wish. Select the channel to be locked and press the green button on the remote control.

Parental Control: You can put a lock for ages between 3 and 18.

NOTE: Make a note of the password you have set and do not forget it.

SETUP

OSD Language: The menu language of the TV can be selected.

TT Language: The Teletext language of the TV can be set from this menu.

Audio Languages: The audio language can be selected from this menu if the broadcasting channel also supports second or more languages.

Subtitle Language: If the broadcast channel supports subtitles, you can select the subtitle language you want to watch the broadcast in here.

Hearing Impaired: You can toggle hearing impaired support on and off if the broadcasting channel has this feature.

PVR File System: If you have a USB or HDD plugged in, you can see the file system.

Screen Format: You can adjust the aspect ratio of the image from this menu. You must select 16/9 to view in full screen.

Blue Screen: If this mode is on, the TV screen will automatically turn blue if there is no broadcast. It remains black in the off position.

Initial Setup: You can re-setup your TV by going to the initial setup menu and selecting the OSD language, the country selection, and the satellite / terrestrial / cable broadcast selection.

Reset: From this menu you can restore the original settings.

USE WITH TERRESTRIAL ANTENNA

DTV Search: Select Auto search and press OK. From the drop-down menu, select the Tuner type. Select ATV+DTV OR ATV, DTV ONLY and press OK. Select DVB-C from this menu and press OK if you want to search for cable TV broadcasts.

Select these menus, enter the required values, and press OK to make manual tuning for ATV manual search or Cad manual tuning.

Select Photo, Music, Movie, Movie, Text from the menu that appears, depending on what information you have stored on the USB. Press the OK button if there is more than 1, select the ones you want to start, and press the OK button, and it will start.

MEDIA PLAYER FUNCTIONS

Insert the USB flash drive into the TV and press the source button. Using the up/down directional T-keys, select the Media option. Select the media type you want to play with the right/left arrow keys, and then select the file you want to play from the drop- down menu

TECHNICAL SPECIFICATIONS

| | |
|--------------------------|--|
| | 24HYN2000 |
| Viewing Angle | 178° (Horizontal)/ 178° (Vertical) |
| Input / Output | Input: 1xTerrestrial Antenna, 1 x LNB, Input (Satellite Dish Antenna), 1xHDMI, 1xAV, 1xVGA,1xPC Audio Input, 1x USB, 1x CI Module input Output: Headphones, Digital Audio Output |
| Speaker Output | 2x3W |
| Operating Voltage | AC 100-240V 50/60Hz |
| Power Consumption | 40W |
| Accessories | User Manuel, Remote Control, 2x AAA Batteries |

| | |
|--------------------------|--|
| | 32HYN2000 |
| Viewing Angle | 178° (Horizontal)/ 178° (Vertical) |
| Input / Output | Input: 1xTerrestrial Antenna, 1 x LNB, Input (Satellite Dish Antenna), 2xHDMI, 1x Mini AV, 1x Mini YPbPr, 1xScart, 1x USB, 1x CI Module input Output: Headphones, Digital Audio Output |
| Speaker Output | 2x8W |
| Operating Voltage | AC 100-240V 50/60Hz |
| Power Consumption | 60W |
| Accessories | User Manuel, Remote Control, 2x AAA Batteries |

| | 24HYN1000 | 32HYN1000/32HYN1001 |
|--------------------------|--|--|
| Viewing Angle | 178° (Horizontal)/ 178° (Vertical) | |
| Input / Output | Built-in satellite (DVB-S/S2), Suitable for terrestrial and cable broadcasting (DVB-T/T2, DVB-C), 1x Terrestrial antenna input, 3xHDMI, 2xUSB, 1xAV, 1xCI Module input, Digital Audio Output | Built-in satellite (DVB-S/S2), Suitable for terrestrial and cable broadcasting (DVB-T/T2, DVB-C), 1x Terrestrial antenna input, 3xHDMI,2xUSB, 1xAV, 1xCI Module input, 1xLNB, Digital Audio Output |
| Speaker Output | 2x3W | 2x8W |
| Operating Voltage | AC 100-240V 50/60Hz | |
| Power Consumption | 36W | 56W |
| Accessories | User Manuel, Remote Control, 2x AAA Batteries | |

TROUBLESHOOTING

| Problem | Possible Cause | What to do |
|----------------------|---|--|
| Device Won't Turn On | Power connection may have been made incorrectly | Make sure your device's power cord is plugged into |
| | Remote Control is not working | Make sure the batteries in your remote control are properly inserted. |
| No audio or video | Satellite dish antenna not properly tuned | Satellite dish antenna not properly |
| | No signal or weak signal | Check the cable connections, connection of LNB and other equipment and/or have the satellite dish adjusted |
| No Signal alert | Satellite dish antenna not properly tuned | Satellite dish antenna not properly |
| | LNB is damaged | LNB must be replaced |

INFORMATION

In the event that it is understood that the goods are defective, the consumer, in accordance with Article 11 of Law No. 6502 on Consumer Protection, may use one of the rights:

- a) Return from the contract,
 - b) Requesting a discount from the sale price,
 - c) Request free repair of the sold goods,
 - d) Requesting the replacement of the sold product with a defect-free equivalent.
- In disputes arising from the exercise of his/her warranty rights, the consumer may apply to the Consumer Arbitration Committee or the Consumer Court in the place where the consumer has his/her place of residence or where the consumer transaction is made. **Note:** All illustrations, menu images, menu and function descriptions used in this manual are for reference only. The manufacturer reserves the right to change the technical specifications, device appearance and functions, menu appearance and functions, remote control and button functions, input/output connections and locations of the device without prior notice due to software and hardware development.

This sign indicates that waste electrical and electronic equipment should be collected separately. The uncontrolled disposal of devices bearing this marking, along with other household waste, is dangerous because hazardous waste can contaminate water and food supplies, posing a threat to human health and the environment. Devices bearing this mark must be recycled in recycling facilities order to protect human health and the environment and to promote the long-term reuse of material resources. If you have used devices or batteries with this mark that have reached the end of their economic life, please contact recycling organizations or municipalities for safe recycling and follow local procedures.

HYUNDAI
ELECTRONICS



For Inquiries, Please Contact:

MANUFACTURER / IMPORTER COMPANY

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