

# Color Television Téléviseur Couleur Televisión a Color

User Manual • Manuel de l'utilisateur • Manual del usuario

English • Anglais • Inglés .....

French • Français • Francés .....

Spanish • Espagnol • Español .....

1  
page • page • Página

14  
page • page • Página

27  
page • page • Página

**HTN20R15**

## English

Skip : Press VOL(+) button or VOL(-) button to add or delete the channel from the stored memory.

Current Ch. : Press VOL(+) button to go up and VOL (-) button to go down to set the channel position. The display will show the current playing channel.

Fine: If the picture and/or sound are poor, try using the FINE TUNE feature.

Do not use this feature unless reception is poor. Press VOL (+/-) to start the Fine Tune function.

Auto Program: Press VOL(+) button or VOL (-) button to auto program in channels.

This search automatically adds only the active channels in your area to the TV's memory. It deletes any channels on which there is no broadcast or a poor signal.

Note: The Auto Search function will scan the channels on the selected antenna input. If the TV is connected to cable, please select Cable under Antenna.

### Calendar:

Your TV has been designed with a calendar. By pressing MENU button, and then pressing VOL-/ + button it will bring you to Calendar. You will see the following display on TV screen.

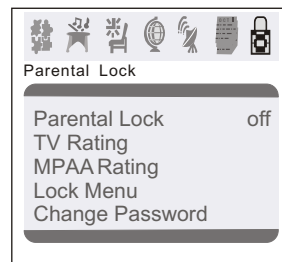
Follow the procedure below to adjust the Calendar:

1. Press the CH +/- buttons to select the year item, the month item or the date item.
2. Press the VOL-/ + buttons to change calendar setup (1901.1.1-2099.12.31).
3. Press EXIT button to exit the calendar mode.



### V-CHIP SetUP:

Press the MENU Button on your remote control to go to Password menu, then input the password (0000). It will bring Parental Lock set up display on the screen. You will see the following menu on your screen:



This function enables you to block certain TV channels in accordance to the V-CHIP requirement established by the FCC.

To set the V-CHIP function:

Select the TVRating option. You will see the TV Rating menu on your TV screen:

1. Press CH(+/-) button to go up and down the menu.
  2. Press VOL(+/-) button to go into TV Rating and Movie Rating menus.
  3. Press MENU button to set the Parent lock ON and Parent lock OFF.
- When TV rating is selected, you will see the following rating table on your TV screen.

Rating	U	FV	D	L	S	V
TV-Y	U	U				
TV-G	U		U	U	U	U
TV-PG	U		U	U	U	U
TV-14	U			U	U	U
TV-MA						

Note: You can press CH(+/-) buttons to go up and down the menu, then press VOL(+) button to select "B" or "U".

When Movie rating is selected, you will see the following rating table on your TV screen.

G	U
PG	U
PG-13	U
R	U
NC-17	U
X	U

Note: You can press CH(+/-) buttons to go up and down the menu, then press VOL(+) button to select "B" or "U".

- PARENT LOCK OFF means the lock function is turned off. If the PARENT LOCK is in "OFF" mode then V-CHIP function will not be active to accept the V-CHIP signal.
- PARENT LOCK ON means the lock function is turned on. If the lock is in the "ON" mode then V-CHIP function is activated to accept the V-CHIP signal.

**Password**

The "Default Password" preset by the manufacturer is "0000". If you want to change the preset password to your own password, just choose any four digits that can be easily remembered and set. Once you set password for a particular channel, that channel will be blocked. This channel can only be accessed with the password.

**LOCK Menu**

AV LOCK: When it is set ON, you can not use the AV.

PROGRAM LOCK: When it is set ON, the current channel is locked, you can not see the program of this channel.

**V-Chip Technology:**

The "V-Chip Technology" allow you to use U.S. And Canada Movies and TV PROGRAMS Guide ratings to block certain types of TV programs and movies.

To understand clearly about TV programs rating codes, read the following list:

U.S. TV Program Ratings

NR: Not Rated-this means that programs are not rated or rating does not apply.

TV-Y:For all children-this type of rated programs are designed for a very young audience, including children from ages 2-6.

TV-Y7:Directed for older children - this type of rated programs may include comedic violence of mild physical, or may frighten children under the age of 7.

TV-G:General Audience-this type of rated programs contains little or no violence, no strong language, and little or no sexual dialogue and situations.

TV-PG:Parental Guidance Suggested-this type of rated programs may contain limited violence, some suggestive sexual dialogue and situations, and rare language.

TV-14:Parents strongly cautioned-this type of rated programs may contain sexual content, strong language and more intense violence.

TV-MA:Mature audience only-this type of rated programs may contain sexual violence, explicit sexual content and profane language.

FV: This type of rated programs contain Fantasy and cartoon violence.

Violence: This type of rated programs contain violence.

S: This type of rated programs contain sex.

L: This type of rated programs contain offensive language.

D: This type of rated programs contain dialogue with sexual content.

To understand clearly about movies rating codes, read the following list:

U.S. Movies Rating Chart

NR: This means movie is not rated yet. It is pending government rating approval.

G:General Audience-this type of movie rating means all ages admitted to see the movie.

PG-13:Parents Strongly Cautioned - this type of movie rating means some material may not be appropriate for children under 13.

R:Restricted- This type of movie rating means children under 17 of age requires to be with parent or guardian.

NC-17:This type of movie rating means no one 17 and under admitted.

X:This type of movie rating means adults only.

To understand clearly about Canadian programs rating codes, read the following list:

Canadian English Rating Chart

E:Exempt - this type of rated programs contain news, sports, documentaries, talk shows, music videos, and variety of other programs.

C:This type of rated programs are intended for children under age 8. There is no offensive language, nudity or sexual content.

C8+:This type of rated programs generally considered acceptable for children 8 years and over. There is no profanity, nudity or sexual content.

G: This type of rated programs generally suitable for all audiences.

PG: Parental Guidance Suggested -in this type of rated programs, some material may not be suitable for children.

14+:In this type of rated programs, some content may not be suitable for viewers under the age of 14. Parents are strongly cautioned not to have their children view 14+ rated programs by pre-teens and early teens.

18:Adults Only-this type of rated programs are only for adult viewers only.

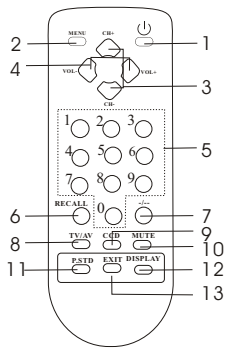
## Troubleshooting Guide

Sometimes checking seemingly apparent but often-overlooked possibilities can easily solve a performance problem. Before arranging for service, check these items. It could save your time and money by avoiding unnecessary service calls.

### QUICK SERVICING CHECK LIST

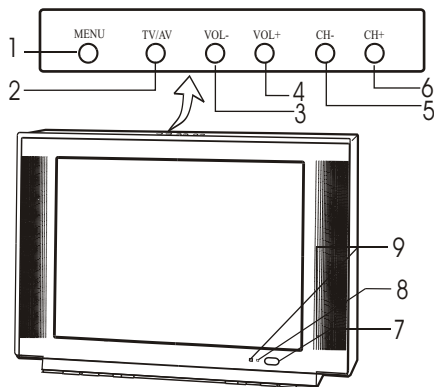
POSSIBLE REMEDY	PROBLEM	REMOTE CONTROL DOESN'T WORK	BAR ON SCREEN	PICTURE IS DISTORTED	PICTURE ROLLS VERTICALLY	NO COLOR	WEAK PICTURE	LINE OR STREAKS IN PICTURE	GHOST PICTURE	PICTURE BLURRED	SOUND OR PICTURE IS POOR	NO PICTURE OR SOUND
TRY A NEW CHANNEL, IF OK, THEN POSSIBLE STATION TROUBLE		X	X	X	X	X	X	X	X	X	X	X
IS TV PLUGGED IN? POWER IN OUTLET?												X
IS TV'S BUTTON ON?												X
IS ANTENNA CONNECTED TO TERMINAL ON THE BACK OF THE SET?		X	X	X	X	X	X	X	X	X	X	X
IF OUTSIDE ANTENNA IS BEING USED, CHECK FOR BROKEN WIRE.		X	X	X	X	X	X	X	X	X	X	X
CHECK FOR LOCAL INTERFERENCE		X		X		X	X	X	X	X	X	X
ADJUST COLOR CONTROL					X							
ADJUST CONTRAST & BRIGHTNESS CONTROL						X				X		
CHECK BATTERIES IN REMOTE CONTROL	X											

### Remote Control Functions



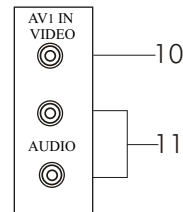
1. : Power on/off
2. MENU: Access/Exit Main M
3. CH+/-: Select next higher or lower channel
4. VOL+/-: Increase or decrease sound
5. CHANNEL NUMBER BUTTON: Direct channel tuning (TV channel 02-69, CATV channel 01-125.)
6. RECALL: Return to previous channel
7. -/--: Digit selector
8. TV/AV: Input selection
9. CCD CCD selection
10. MUTE: Press key to activate/deactivate sound
11. PSTD: Picture preference select button
12. DISPLAY: Display receiving channel
- 13.EXIT Exit TV menu

### Front



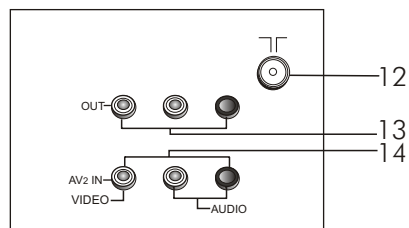
1. Menu: Access/Exit Main M (Menu)
2. TV/AV:TV/AV selection
3. VOL-: Decrease sound
4. VOL+: Increase sound
- 5.CH-: Select next lower channel
- 6.CH+: Select next higher channel
- 7.Power: Power on/off
8. Power Indicator
- 9.Sensor Windows

### Side AV inputs



- 10.VIDEO:Video input
- 11.AUDIO:Audio input

### Rear



- 12.ANT. IN: Antenna In
- 13.Audio/Video outputs
- 14.Audio2/Video2 inputs

**Information to user:** This television receiver is equipped with close caption decoder and parental blocking technology as required by the FCC.

## Menu Functions

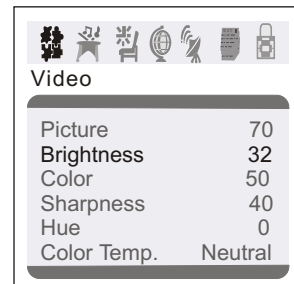
### Video Set Up:

Pressing MENU button once will bring the Video Set Up menu on the TV.

The following is shown on your TV screen:

Follow the procedure below to adjust the picture quality of your choice:

1. Press the CH(+) and CH(-) button to go up and down the menu.
2. Press the VOL(+) and VOL(-) button to increase and decrease the level to your preference for each item.



#### Adjustment of Picture Quality:

To adjust the picture quality from the factory preset read the following:

**Picture:** By increasing the level. It will adjust white areas of picture and by decreasing the level, it will adjust black areas of picture.

**Brightness:** By increasing the level, it will add more light to dark parts of the picture and by decreasing the level, it will add more dark to light parts of the picture.

**Color:** By increasing the level. It will adjust the low and the high level of the picture.

**Sharpness:** By increasing the level, it will show cleaner and clearer images and by decreasing the level, it will make picture smoother.

**Hue:** You can adjust the tint of the picture by going into picture set up menu. By decreasing the level, it will give red tint to skin color and by increasing the color it will give green tint to skin color.

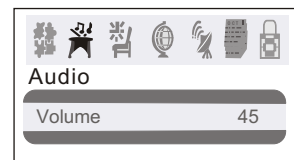
**Color Temp :** By pressing the VOL(+/-) buttons to select the three setting A) Neutral, B) Warm, C) Cool.

### Audio Set Up:

By pressing MENU button, and then pressing VOL(-/+ ) button it will bring you to Audio Set Up display. You will see the following menu on your TV screen:

Follow the procedure below to adjust the sound quality:

Press VOL(+) button to increase and VOL (-) button to decrease the level to your preference.




## English

### Timer Set Up:

By pressing MENU button ,and then pressing VOL(-/+ ) button it will bring you to Timer Set Up display. You will see the following menu on your TV screen:

Follow the procedure below to select one of the above options:

1. Press the CH(+) and CH(-) button to go up and down the menu.
2. Press VOL(+) button or VOL(-) button to select your preference.



Timer	
Clock	17:18
Time-On	18:00
Ch. Select	1
Time-Off	--:--
Sleep Time	0
Remind Time	--:--
Ch. Switch	1

**Clock:** Press CH( +/-) buttons to scroll to Clock, then press VOL (-/+ ) buttons to set the hour after setting the hour press CH( +/-) buttons to go to minute mode and set by using VOL(+/-) buttons.

**Time-On:** Press CH( +/-) buttons to scroll to Clock, then press VOL (-/+ ) buttons to set the hour after setting the hour press CH( +/-) buttons to go to minute mode and set by using VOL(+/-) buttons.

**Ch. Select:** This exclusive feature switches you to your favorite channel at the appropriate set time. Press VOL(+) and VOL(-) buttons to select the channel.

**Time-Off :** Press CH( +/-) buttons to scroll to Clock, then press VOL (-/+ ) buttons to set the hour after setting the hour press CH( +/-) buttons to go to minute mode and set by using VOL(+/-) buttons.

**Sleep Time:** This feature allows you to turn off television in pre-selected minutes (180, 170, 160, ..... ,10 and 0).

**Remind time:** Press CH( +/-) buttons to scroll to Clock, then press VOL (-/+ ) buttons to set the hour after setting the hour press CH( +/-) buttons to go to minute mode and set by using VOL(+/-) buttons.

**Ch. Switch:** This feature lets you store your favorite channel. Once you store the channel number in this function, when the set time is up, it will switch over to the set channel. This feature is used with the Exchange feature. Press VOL(+) or VOL(-) button to select the channel.

### Function Set Up:

By pressing the MENU button, and then pressing VOL-/+ button will bring you to Function Set Up menu. You will see the following menu on your screen:

Follow the procedure below to select one of the above options:

1. Press the CH(+) and CH(-) button to go up and down the menu.
2. Press the VOL(+) and VOL(-) button to increase and decrease the level to your preference for each item.



Setup	
Language	English
Background	on
Black Stretch	on
VNR	on
Fade	on
AVL	on
C. Caption	off
Demo Mode	



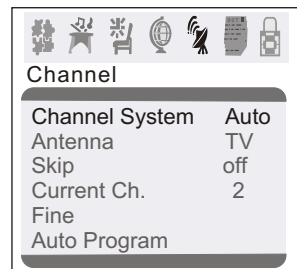
- Language: Use VOL(+/-) to select the OSD in either English, French or Spanish.
- Background: Press the VOL (+/-) buttons to select between Background ON or Background OFF. When the Background ON function is chosen, a moving "NO SIGNAL" sign will be displayed if there is no input signal to the set.
- Black Stretch: Press VOL (+/-) buttons to turn the Black Stretch feature on or off. When the Black Stretch function is on the screen automatically increases the contrast range.
- VNR: Press VOL (+/-) buttons to turn the VNR function on or off. VNR is a term for Video Noise Reduction, a built-in device on the set that reduces video noise interference so the viewer is assured a clear picture.
- Fade: The FADE control allows for the picture tube to warm up and gently turn on, which can help prolong the life of the picture tube.
- AVL: Automatic Volume Limit control reduces effect of large volume changes such as when the ads come on. Press VOL(+) button or VOL(-) button to set it ON or OFF.
- C. Caption: Press VOL (+/-) buttons to select the Closed Caption options. Closed Captioning helps the hearing impaired with the broadcast program, as well as helping children learn how to read. A built-in decoder displays the audio portion of a program as text on the screen when this option is selected.
- OFF: When OFF is displayed on TV means C. Caption is turned off.
- CC1: When CC1 displays on TV means C. Caption is turned on.
- CC2 to CC4: For other modes of video related broadcast information.
- T1: For program guide and other information displayed by broadcasters.  
(This blocks a large portion of the picture on your screen).
- T2 to T4: For other modes of information displayed by broadcasters.  
(This blocks a large portion of the picture on your screen).
- Note: Select CC1 for full translation of the primary language such as English in your area. Select CC2 for secondary language translation such as Spanish or any other language that may be broadcast in your area.
- Demo mode: This will display the main functions of the TV set.

**Channel set up:**

By pressing MENU button, and then pressing VOL-/ + button it will bring you to Channel Set Up. You will see the following display on TV screen.

Follow the procedure below to select above options:

1. Press the CH(+) and CH(-) button to go up and down the menu.
2. Press VOL (+) button or VOL (-) button to select your preference.



Channel System: Press the VOL(-/+ ) buttons to select the correct channel system.

In general, you can set it as "AUTO" AUTO,NTSC and NTSC443 will display in turn

Antenna: Press VOL (+) button or VOL(-) button to select TV or CATV.

Channel Coverage by Antenna:

Antenna Type	Channel Range
VHF	2-13
UHF	14-69
CATV	1-125

## Table Of Contents

Before Operation

- Warning and cautions.....2
- Installation.....4
  - Antenna Connection.....4
  - The remote control.....4

MENU functions

- Video set up.....5
- Audio set up.....5
- Timer set up.....6
- Function set up.....6
- Channel set up.....7
- Calendar.....9
- V-CHIP set up.....9

Others

- Troubleshooting guide.....11
- Warranty ..... 12
- Specifications ..... 13

**Warning: To read the risk of fire or electric shock, do not expose this appliance to rain or moisture.**



**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



THIS SYMBOL INDICATES THAT HIGH VOLTAGE IS PRESENT INSIDE. IT IS DANGEROUS TO MARK ANY KIND OF CONTACT WITH ANY INSIDE PART OF THIS PRODUCT.



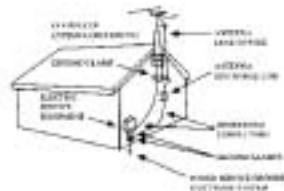
THIS SYMBOL INDICATES THAT THERE ARE IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.

This important note is located on the rear of the cabinet.  
"Note to CATV system installer: This reminder is provided to call CATV system installer's attention to section 820-40 of the NEC which provided guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical."

## IMPORTANT SAFETY INSTRUCTIONS

Read all of the instructions before using this appliance. When using this appliance, always exercise basic safety precautions, including the following:

- 1) Save these instructions- The safety and operation instructions should be retained for future reference.
- 2) All warnings on the appliance and in the operating instructions should be followed.
- 3) Cleaning- Unplug TV from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners.  
Use only a damp cloth for cleaning.  
Exceptions: Some products are designed for uninterrupted service, eg. Cable TV converters, unplugging such accessories may result in loss of authorization codes. In such cases, please follow instructions for unplugging such devices as provided by the accessories manufacturer.
- 4) Attachments- Do not use attachments not recommended by the TV manufacturer as they may cause hazards.
- 5) Water and moisture- Do not place this TV near water, for example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
- 6) Accessories - Do not place this TV on an unstable cart, stand, tripod, bracket or table. The TV may fall causing serious injury to someone, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer's, or sold with the TV. Any mounting of the appliance should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surface may cause the appliance and Cart combination to overturn.
- 7) Ventilation - Slots and openings in the cabinet and the back or bottom are provided for ventilation and to ensure overheating. These openings must not be locked in an built in installation such a bookcase or rack unless proper ventilation is provided or the manufacturer instructions have been adhered to.
- 8) Power sources - This TV should be operated only from the type of power sources indicated on the electrical nameplate. If you are not sure of the type of the power supply to your home, consult your appliance dealer or local power company. For TV's intended to operate from battery power or other source, refer to the operation instructions.
- 9) Grounding or polarization - This TV is equipped with a polarized alternating current line plug (a plug having one blade wider than the other is). This plug will fit into the power outlet only one way. This is safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your outlet. Don't defeat the safety purpose of the polarized plug.
- 10) Power cord protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords or Plugs, convenience receptacle, and the point where they exit from the appliance.
- 11) Out antenna grounding - If an outside antenna or cable system is grounded so as to provide some protection against voltage surges and built up static charges. Article 810 of the National Electrical Code, ANSI/NEPA NO. 70, provided information with respect to proper grounding of the mast and supporting structure, grounding of the lead in wire to antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirement for the grounding electrode. (Fig. A)



(Fig. A)

- 12) Lighting precaution - For added protection for this TV receiver during a lighting storm or when it is left unattended for long period of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the TV due to lighting and power line surges.
- 13) Object and liquid entry - Never push objects of any kind into this TV through openings as they may touch dangerous voltage point or short out parts that could result in a fire or electric shock. Avoid spilling liquid of any kind on the TV.
- 14) Servicing - Do not attempt to service the TV by yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- 15) Damage Requiring Service - Unplug this TV from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - a. When the power supply cord or plug is damaged or frayed.
  - b. If liquid has been spilled, or objects have been fallen into the TV.
  - c. If the TV has been exposed to rain or water.
  - d. If the TV does not operate normally by following the operation instructions. Adjust only those controls that are covered by the operation instructions, as improper adjustment of other control may result in damage and will often require extensive work by a qualified technician to restore the TV to its normal operation.
  - e. If the TV has been dropped or damaged in any way.
  - f. When the TV exhibits a distinct change in performance; this indicates a need for service.
- 16) Replacement parts - When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer that have the same characteristic as the original part. Unauthorized substitutions may result in fire, electric shock, injury to persons or other hazards.
- 17) Safety check - Upon completion of any service of repairs to this TV, ask the service technician to perform routine safety checks to determine that the TV is in proper operation condition.
- 18) Heat - This TV product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
- 19) Modifications - Any changes or modifications not expressly approved by the Federal Communications Commission.
- 20) Clean only with a dry cloth.
- 21) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 22) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 23) Do not defeat the safety purposes of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 24) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 25) Only use the attachments/accessories specified by the manufacturer.
- 26) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

**For Future Reference Please  
SAVE THESE INSTRUCTIONS**

Thank you for using our **Haier** brand product. This easy-to-use manual will guide you in getting the best use of your TV. Remember to record the model and serial number. They are on a label in back of the TV.

\_\_\_\_\_ *Model number*

\_\_\_\_\_ *Serial number*

\_\_\_\_\_ *Date of purchase*

Staple your receipt to your manual. You will need it to obtain warranty service.

## Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>