



OPERATION INSTRUCTIONS



MODEL NO.: KCR2614A

**UNDER COUNTER CLOCK RADIO
WITH 7INCHES ROTATING LCD TV**

IMPORTANT SAFETY INSTRUCTIONS

- 1) Read these instructions – All the safety and operating instructions should be read before this product is operated.
- 2) Keep these instructions - The safety and operating instructions should be retained for future reference.
- 3) Heed all warnings - All warnings on the appliance and in the operating instructions should be adhered to.
- 4) Follow all instructions - All operating and use instructions should be followed.
- 5) Do not use this apparatus near water - The appliance should not be used near water or moisture - for example, in a wet basement or near a swimming pool, and the like.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacture's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Unplug the apparatus during lightning storms or when unused for long periods of time.
- 13) Refer all servicing to qualified 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 has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 14) Please keep the unit in a good ventilation environment.
- 15) **WARNING:** Do not install this equipment in a confined space such as a book case or similar unit. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.
- 16) **WARNING:** Please check the electrical and safety information on exterior bottom enclosure before operating the apparatus.
- 17) **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall not be placed on apparatus.
- 18) **WARNING:** To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instruction.
- 19) **WARNING:** The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
- 20) **WARNING:** The mains plug is used as disconnect device, the disconnect device shall remain readily operable.



- 21)
 - This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.
 - **Warning:** To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
 - The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.






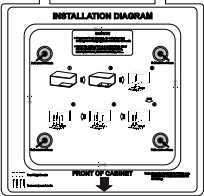


Double Insulation. This is CLASS II apparatus.

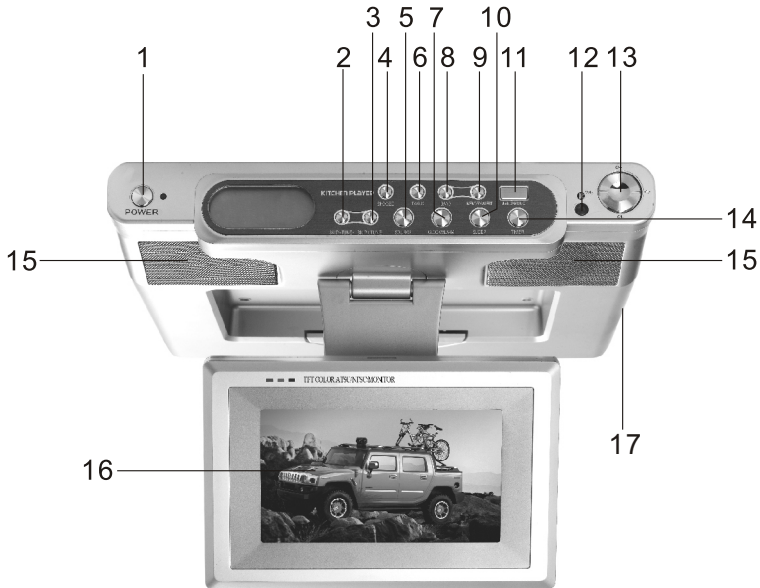
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1. Accessories

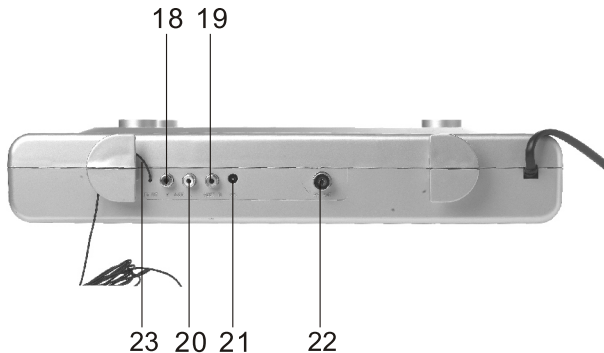
 <p data-bbox="360 390 495 420">Knighthead</p>	 <p data-bbox="837 397 925 427">Screws</p>
 <p data-bbox="401 616 495 677">Remote control</p>	 <p data-bbox="660 662 925 692">Operation Instructions</p>
 <p data-bbox="80 866 500 943">2 X 1.5V AAA type batteries for Clock Back Up . 2 X 1.5V AAA type batteries for remote control .</p>	 <p data-bbox="697 919 925 949">Installation manual</p>

2. Appearance



1. Power key: Standby/On, press to choose Standby or Turn on the machine.
2. SKIP-/TUNE- : Radio tune downward/adjust time
3. SKIP+/TUNE+ : Radio tune upward/adjust time.
4. SNOOZE: Has a rest
5. SOURCE: Function mode choose: Radio-TV.
6. TV/AUX: Shift between TV/AUX on TV mode.
7. CLOCK/ALARM: Display clock/alarm setting time
8. BAND: Shift between FM/AM/WB on radio mode.
9. MEMORY/ALERT: Program memory/Alarm. Store station on FM/AM mode.
10. SLEEP: Time setup of sleep off. Press to set the off-time, then turn off the system automatically.
11. MENU/MONO: Enter menu under TV/AV mode, and choose stereo /mono under radio mode.
12. IR position: Remote receiving window.

- 13.CH+ key: Radio memory station increases/TV channel increases, direction/choose alarm mode on the standby.
- CH- key: Radio memory station decreases/TV channel decreases, direction/choose alarm mode on the standby.
- VOL- key: Volume decreases. direction.
- VOL+ key: Volume increases. direction.
- 14.TIMER: Calculagraph time setting.
- 15.Loudspeaker
- 16.TFT LCD screen.



- 17.clock back up house
- 18.External Right sound track
- 19.External Video
- 20.External Left sound track
- 21.External DC power input jack
- 22.External TV antenna input jack
- 23.FM, ANTENNA, CABLE.

3. Remote Control Operation

1. POWER BUTTON

Standby/off, press to switch between ON and STANDBY.

2. SOURCE BUTTON

System working mode, press to switch RADIO /TV.

3. BAND BUTTON

Band switch, under radio mode, press to switch FM/AM/WB.

4. TIMER BUTTON

Press to enter timer setting mode, use SKIP+/- to adjust time, then press TIMER to confirm time setting.

5. AL1. SET BUTTON

Alarm clock 1 setting, press to setup alarm mode: BUZZER1/RADIO1/TV1.

6. AL2. SET BUTTON

Alarm clock 2 setting, press to setup alarm mode: BUZZER2/RADIO2/TV2.

7. SKIP -/TUNE- BUTTON

Search key for radio, under radio mode, press to down search channels, keep pressing to auto (down) search channels; adjust time on clock mode.

8. CH+ AND UP BUTTON

CHANNEL + and UP, under RADIO/TV mode, press to + channels. Adjust item when enter menu.

9. VOL- AND LEFT BUTTON

Volume - and left, under RADIO, TV, AV mode, press to reduce volume. Adjust item when enter menu.

10. MENU BUTTON: Press to enter/exit menu.

11. EXIT BUTTON: Press to exit menu.

12. Number (0-9) BUTTON

Under TV mode, press to select channels.

13. “-” BUTTON

Press digit keys to select main channel number, then press '-' and insert second digit number key to select program directly.

14. CC BUTTON

CLOSED CAPTION ON/OFF KEY, under TV(ATSC & NTSC) mode, press to set CC mode ON, OFF or CC ON MUTE (CC ON for mute)

15. MTS BUTTON

Audio language switch, under ATSC mode, press to switch current display program audio language (only available when program supports multi- languages)

16. MUTE BUTTON

Press to switch between mute and cancel mute from speaker.

17. TV/AUX:

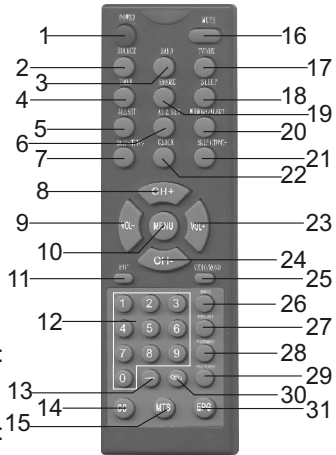
Shift between TV and AUX on TV mode.

18. SLEEP BUTTON

Press to set up auto off anytime

19. SNOOZE BUTTON

When alarm clock is operating, press SNOOZE, the alarm will operate again After 8 minutes.



20.MEMORY/ ALERT BUTTON

MEMORY/ ALERT, under FM/AM mode, press to storage favour channels; under STANDBY mode, press to turn ON/OFF WB(weather band)ALERT function.

21.SKIP+/TUNE+ BUTTON

Search key for radio, under radio mode, press to up search channels, keep pressing to auto (up) search channels; adjust time on clock mode.

22.CLOCK BUTTON

LCD time display, press to display current time, time for alarm clock 1 and alarm clock 2; keep pressing to adjust time/alarm clock 1/alarm clock 2; use skip+/tune+, skip-/tune- button to adjust time

23. VOL+ AND RIGHT BUTTON

Volume + and right, under RADIO, TV, AV mode, press to increase volume. Adjust item when enter menu.

24.CH- AND DOWN BUTTON

CHANNEL - and down, under RADIO/TV mode, press to - channels. Adjust item when enter menu.

25.AUDIO/MONO BUTTON

Sound mode, under TV mode, press to set sound mode STANDARD, MOVIE, MUSIC AND PERSONAL; under FM mode, press to set audio out stereo or MONO.

26.INFO BUTTON

Under TV mode, press to display current program info.

27.PRLIST BUTTON

Press to display channels list under TV mode

28.FORMAT BUTTON

Picture display format mode switch, press to switch between AUTO, 4:3 and WIDE.

29.PICTURE BUTTON

Picture mode, press to select SOFT, PERSONAL, STANDARD, DYNAMIC.

30. JUMP BUTTON


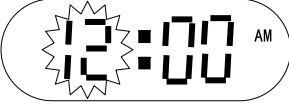







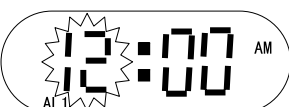



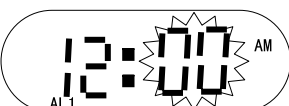







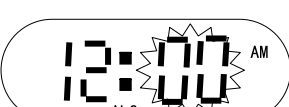


Press to switch from the current display program and the previous program under TV mode.

31.EPG BUTTON

Under ATSC mode, press to display EPG info. (only available with the program support of EPG)

4.Function Operation

4.1.Time setting

- a.  CLOCK/
ALARM
(CLOCK on remote)
Press and hold 
- b.  OR 
Hour setting
- c.  CLOCK/
ALARM
(CLOCK on remote)
Press one time 
- d.  OR 
Minute setting
- e.  CLOCK/
ALARM
(CLOCK on remote)
Press one time 
- f.  OR 
Alarm 1 hour setting
- g.  CLOCK/
ALARM
(CLOCK on remote)
Press one time 
- h.  OR 
Alarm 1 minute setting
- i.  CLOCK/
ALARM
(CLOCK on remote)
Press one time 
- j.  OR 
Alarm 2 hour setting
- k.  CLOCK/
ALARM
(CLOCK on remote)
Press one time 
- l.  OR 
Alarm 2 minute setting

4.2.Alarm setting

4.2.1. CH- (AL1.SET key on remote) press to choose BUZZER1 /Radio1/TV1 on the standby mode.

4.2.2. CH+(AL2.SET key on remote) press to choose BUZZER2 /Radio2/TV2 on the standby mode.

4.2.3. While setup timer, Alarm 1, Alarm 2 at the same time, turn on the gradation: timer → Alarm1 → Alarm2.

4.3.Snooze/Close alarm

- 4.3.1.While the alarm ring, press SNOOZE to pause, it will ring after 8 minutes.
- 4.3.2. While the alarm ring, press POWER to stop, it will ring at this time nest day.

4.4.Sleep time setting

Press SLEEP key to choose sleep time to be (90, 80, 10) minutes.

4.5.Calculagraph

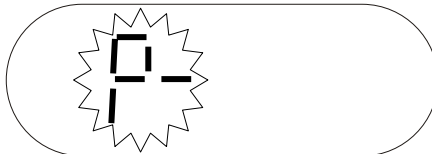
Press TIMER key, then press SKIP+/- to adjust time of calculargraph:



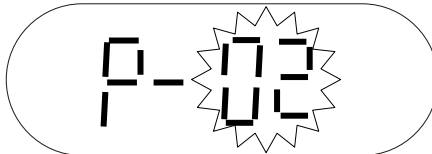
Then press TIMER key to confirm.

4.6.Radio operation

- 4.6.1.Press SOURCE key selected Radio, press BAND to select FM /AM/WB.
- 4.6.2.Press and hold SKIP+/- to search station.
- 4.6.3.Press SKIP+/- (TUNE+/-) to select stored station.
- Press MEMORY/ALERT(MEMORY on remote):



Press CH+/- to choose memory position:



Then press MEMORY/ALERT(MEMORY on remote) to confirm.

- 4.6.4.Press CH+/- can choose the stored station.

4.7.NOAA(Standby or TV mode)operation

Press the MEMORY/ALERT button ON/OFF NOAA on the standby mode.

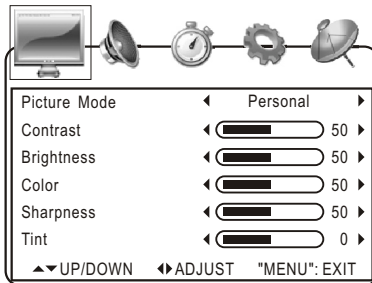
When NOAA mode setting ON status on the standby or TV mode, once received the alert signal from National Oceanic and Atmospheric, the alert alarm will be Automatically turned ON of this set, press POWER button once to turn OFF the alert alarm and receive local weather broadcast channels Automatically.

5. TV Menu Operation(on the TV and AUX mode)

Precautions

It's unavailable if the menu is grey.

5.1. TV/AV Image Quality Adjustment



Press MENU key to enter the menu list and then press left or right key to enter the above list. Press up and down key to choose to enter the sub-list, press left and right key to adjust the numerical value or setup the contents, then press Menu to confirm and return to previous list. Press Menu again or press EXIT key on the remote controller to quit the sub menu list directly after the adjustment of image quality.

Precautions

There are four options of picture mode, which are Personal, Standard, Dynamic and Soft.

Contrast adjust the black and white contrast of the image

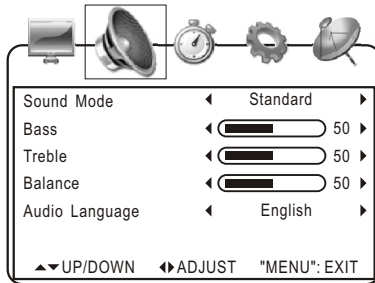
Brightness adjust the brightness of the image

Sharpness adjust the sharpness of the image

Tint adjust the red and green balance of the image

Color adjust the color of the image

5.2. Sound Adjustment

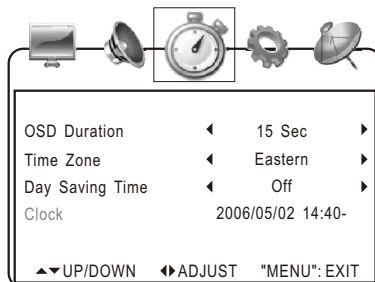


Press MENU key to enter the menu list and then press left or right key to enter the above list. Press up and down key to choose to enter the sub-list, press left and right key to adjust the numerical value or setup the contents, then press Menu to confirm and return to previous list. Press Menu again or press EXIT key on the remote controller to quit the sub menu list directly after the adjustment of sound effect.

Precautions

There are four options of sound mode, which are Personal, Standard, Movie, and Music .
Bass adjust bourdon.
Treble adjust alt.
Balance adjust the balance between left and right sound track.
Audio Language can be setup as English, French and Spanish only for ATSC Mode.

5.3. Time Adjustment

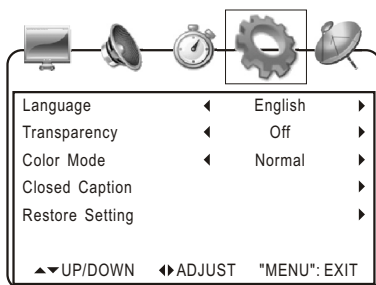


Press MENU key to enter the menu list and then press left or right key to enter the above list. Press up and down key to choose to enter the sub-list, press left and right key to adjust the numerical value or setup the contents, then press Menu to confirm and return to previous list. Press Menu again or press EXIT key on the remote controller to quit the sub menu list directly after the adjustment of time.

⚠ **Precautions**

- 1.OSD Duration can be setup as 15Sec, 30Sec, 45Sec and 60Sec.
- 2.Time Zone has seven areas to be chosen.
- 3.Day Saving Time can be setup as Off or On (Summer time off or on).
Clock 2006/05/02 14:00 shows the current program time.

5.4. Settings



Press MENU key to enter the menu list and then press left or right key to enter the above list. Press up and down key to choose to enter the sub-list, press left and right key to setup the contents.

5.4.1. OSD Language Settings

Press Up and Down Key to choose Language, and press Left and Right Key to choose among English, French and Spanish.

5.4.2. Menu State Settings

Press UP and Down Key to choose Transparency, and press Left and Right Key to choose Off (menu transparency off) or On (menu transparency on).

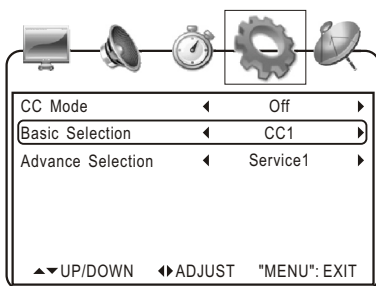
5.4.3. Color Auto-adjustment

Press Up and Down Key to choose Color Mode. Press Left and Right Key to choose among Normal, Warm and Cool.

5.4.4. Closed Caption Settings

Many TV programs contain closed caption information, and the audience can see the caption in words on the screen. Not all the channels at any time have closed caption code information.

Press Up and Down Key to choose Closed Caption and press Left and Right Key or ENTER Key to enter the following picture.



There are three CC Modes, which are Off (closed caption off), On (closed caption always on when information is available) and CC on Mute (closed caption on when TV is in mute and closed caption off when TV is not in mute).

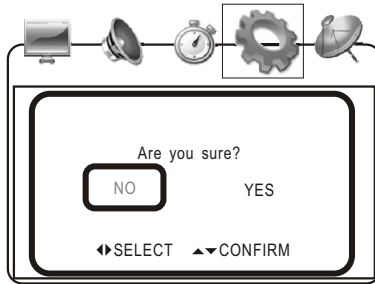
Basic Selection can choose among CC1, CC2, CC3, CC4, Text1, Text2, Text3 and Text4

Advance Selection can choose among Service1, Service2, Service3, Service4, Service5 and Service6.

Advance selection can be available only for ATSC mode

5.4.5. Restore Settings

Press VOL+ Key, the hint of Are you sure will show. As in the following picture, press YES or NO to choose whether restore or not and press CH+ or CH- to confirm.



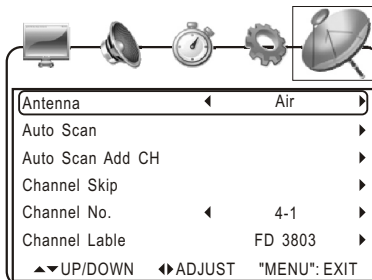
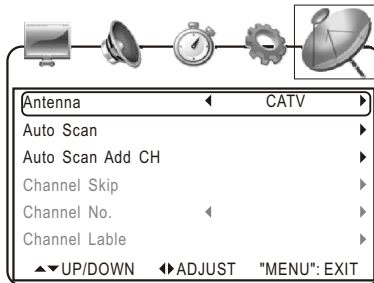
5.5. Program Searching

Press MENU Key to enter the menu list, press Left and Right Key to enter the following list, press Up and Down Key to enter the sub-list and then press Left and Right Key to setup the contents.

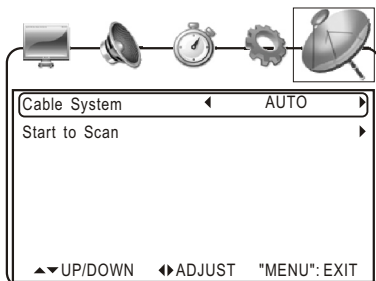
Precautions

There is no search menu under the AUX mode.

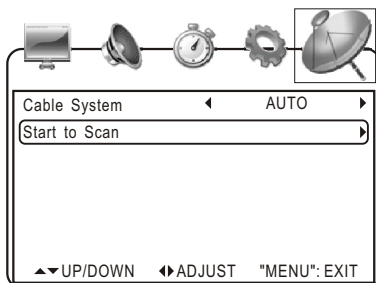
5.5.1.1. Antenna can be setup as CATV and Air.



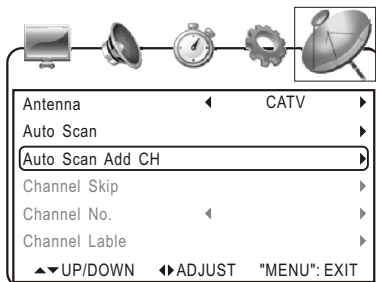
5.5.1.2. In the CATV state, choose Auto scan and press OK to enter Cable system settings. Four options, AUTO, STD, IRC, HRC can be chosen.



5.5.2. In the Start to scan item, press VOL+ to start searching. Auto searching will clear the primary program.

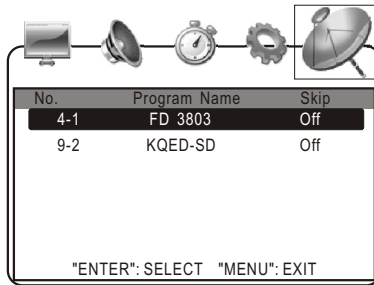


5.5.3. Press Auto Scan Add Ch will start auto search based on primary program.



5.5.4. Channel Skip Settings

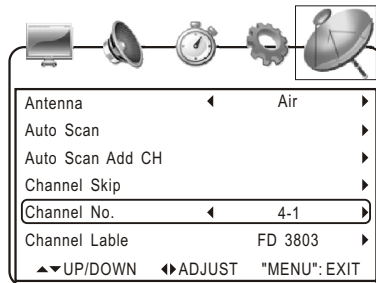
Choose Channel Skip and press VOL+ to enter Skip item as following:



Press VOL+ or VOL- to close or open the current channel skip settings.

5.5.5. Change Channel Number

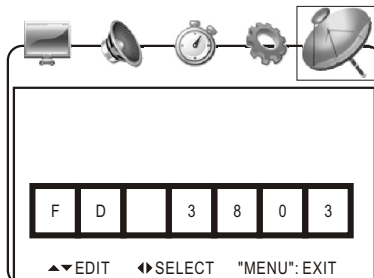
Choose Channel No. as in the following picture:



Press VOL+ or VOL- to change current channel number.

5.5.6. Change or Edit Program Name

Choose Channel Label and press VOL+ to enter the following picture. Alter the characters and numbers in the box to change the program name according to your preference as in the following picture.



6. Before Repair

The following phenomenons do not mean that the TV set has fault. Please check it according to the following methods before repair.

Phenomenon	Reason
No image and sound	The power switch is on the state of off.
No signal	Whether chosen the right channel; auto setup receiving channel again.
No sound	Whether the volume has been turned down at the bottom; signals too weak; the mute function is working.
Mosaic in the image	Whether the antenna has been adjusted properly, and maybe the signals are too weak. Whether the Antenna connect well.
Image too dark	Whether the brightness and contrast are proper, and please adjust again.
Radio(FM/WB) noise or no sound	Whether the FM ANTENNA CABLE has been adjusted properly, and maybe the Radio(FM/WB) signal weak.
Radio(AM) noise or no sound	Maybe the Radio(AM) signal weak.
NOAA no function	Whether the FM ANTENNA CABLE has been adjusted properly, and maybe the WB signal weak.

7. Technical Parameter

Radio technical parameters

Receiving frequency rang:

AM 520KHz~1710KHz

FM 87.5MHz~108MHz

WB	162.400MHz	162.425MHz	162.450MHz
	162.475MHz	162.500MHz	162.525MHz
	162.550MHz		

Step: AM 10KHz FM 100KHz

Sensitivity: AM $\leq 65\text{dB}$ FM $\leq 23\text{dB}$ WB $\leq 2 \mu\text{V}$

Signal-noise ratio: AM $\geq 30\text{dB}$ FM $\geq 40\text{dB}$ WB $\geq 30\text{dB}$

TV technical parameters

ATSC frequency: 54MHz~803MHz

NTSC receiving frequency: 55.25MHz~801.25MHz

TFT LCD screen technical parameters

Screen picture mode: 16:9 (7")

Resolution: 1440(H) \times 234(V)

Technical parameters

Power supply: AC INPUT 120V 60Hz

DC INPUT 12V/2A

Audio output: 1.5W < 10% distortion

Power Consumption: $\leq 18\text{W}$

Outer Dimension: 371mm \times 350mm \times 80mm

Weight: about 2800g

NOTE:

Battery is for time backup only. The clock and alarm memory will be retained during a power interruption. During battery backup operation the display will not light up, but the correct time will be maintained internally.

 **Warning**

This manual is for reference only. No further notice is made if there is any change of the information. The authority of interpretation belongs to manufactory if there is any information is missing or not detailed.

 **Warning**

There is no component that can be repaired in the TV set. Do not try to disassemble and improve the TV set. There is high voltage inside and it is very dangerous. The maintenance and adjustment work should be carried through by professional people.

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