

TV07




phocos

User Manual



TV07

DC TFT-LCD TV / Monitor User Manual (English)



Dear customer,

Thank you very much for buying this Phocos product. Please read the instructions carefully and thoroughly before using this device.

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General Safety and Usage Recommendations

- Don't try to repair or disassemble the device yourself as damage may result. If you are experiencing difficulties, please turn off the television immediately and contact Phocos or your local Phocos dealer for assistance.
- Don't expose the display to moisture, dust, oil, smog, direct sunshine or any other environmental influence.
- Don't use thinner or other chemical detergents to clean the device. To clean off dust or dirt from the television, use a soft cloth.
- Keep the television away from extreme ambient temperature condition.
Storage Temperature Range: -20 to +60°C (-4 to 140F)
Operation Temperature Range : 0 to +40°C (32 to 104F)
- Use the AC adapter and automobile adapter that are included with the product.
- For your safety, disconnect the AC adapter or automobile adapter when the device is not in use.
- Avoid dropping the device and/or striking the display.

Cautions:

For your safety, do not watch TV or turn on the television while driving.

Special caution:

You may see a few bright or dark spots on the LCD screen. This is a common occurrence in active matrix display technology. This does not indicate defect or malfunction.

Power Selection

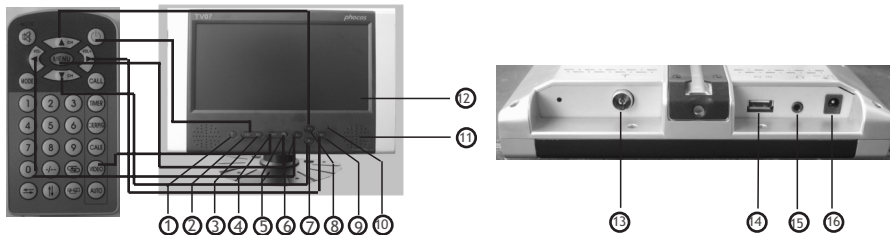
- 220V AC adapter

AC adapter (please refer to product tag attached to the AC adapter) supplies direct current to the television from standard 220V alternative current.

■ Automobile battery with 12V DC

Use automobile adapter (suitable for vehicles with negative grounding) to supply power to the television from the automobile's battery.

Exterior Description

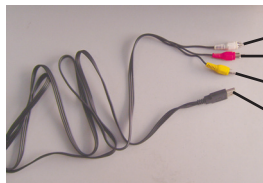


- | | |
|------------------------------------|------------------------------------|
| 1. IR (Remote control receiver) | 7. Channel decreasing |
| 2. Power on | 8. Channel increasing |
| 3. Power off | 9. Volume increasing
adjustment |
| 4. AV/TV switching | 10. Power pilot |
| 5. Menu | 11. Speaker |
| 6. Volume decreasing
adjustment | 12. LCD screen |

- | |
|--------------------------|
| 13. Antenna input jack |
| 14. AV input jack |
| 15. Earphone output jack |
| 16. Power input jack |

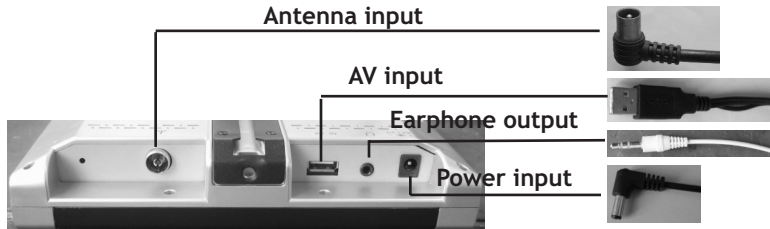
AV cord connection

To have AV function, you must use the following AV switching cord



- White** (L audio channel input: connect to the L channel output socket of DVD player)
- Red** (R audio channel input: connect to the R channel output socket of DVD player)
- Yellow** (Video input: connect to the composite video output jack of DVD player)
- USB** (Switching connector: connect to the AV input socket of this TV)

Input/output connection diagram



Basic operation of Remote control

NOTES:

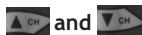
- Aim the remote control at the infrared receiver on the television to operate.
- Avoid over-pressing, dropping, moistening or disassembling the remote control.
- Avoid pressing buttons continuously and quickly. Interval between two operations must be at least 2 seconds.



(Mute button): Press it to mute sound, press again to resume.



(Power button): Press it to switch on, press it again to standby.



(Channel selection buttons): Press **CH+** to increase the channel number; Press **CH-** to decrease the channel number.



(Volume adjusting buttons): Press **VOL+** to increase the television audio volume; Press **VOL-** to decrease the television audio volume.
















(Menu button): Press this button to display the following submenus: <PICTURE>-<VOLUME>-<OPTION>-<SYSTEM>-<PRESET>-<CLOCK>, Press **MENU** to select the submenus above; Press **CH+** and **CH-** to select next level submenus; Press **VOL-** and **VOL+** to adjust the corresponding submenus.













(Picture quality mode button): Press this button to choose different picture quality: soft, light, memory, standard.



-  **(Display button):** Press this button to view the number of the channel that is currently being viewed.
-  **(Timer button):** Press this button to set sleeping time. At the set time, the TV will standby.
-  **(Language selection button):** Press this button to select menu language.
-  **(Calendar button):** Press this button to check calendar. Press **CH+** and **CH-** to increase/decrease the years, and **VOL+** and **VOL-** to increase/decrease months.
-  **(AV/TV selection button):** Press this button to switch between AV and TV screens.
-  **(AUTO-search button):** Press this button for 2 seconds to auto search for available TV channels. When the search is complete, the channels will be stored in memory, and the TV will turn to channel 1.
-  **(Recall button):** Press this button to return to the channel that is last viewed.
-  **(Display mode button):** Press this button to switch between 16:9 and 4:3 display.
-  **(Horizontal flip button):** Press this button to flip the picture left or right;
-  **(Vertical flip button):** Press this button to flip the picture up or down;
-  **0** –  **9** **(Numeric buttons, 0-9)** and  **-/--** **(Channel button):** There are 11 buttons on the remote control: **0-9** buttons and **-/--** button. when the channel number is 1-digit, the corresponding numeric button should be pressed to select; when the channel number is 2-digit, press **-/--** first to show the **--** sign on the screen, then you can press the corresponding 2-digit button.

Using the TV

1. Connect the power and turn on the power switch.
2. Connect the cable TV signal or pull out the antenna.
3. Press channel selection buttons to choose the channel.
 -  Channel increase button: toggle in order of 1, 2, 3, ...
 -  Channel decrease button: toggle in order of 3, 2, 1, ...
4. Adjust the audio accompaniment volume.
 -  Volume decrease button: decrease audio volume.
 -  Volume increase button: increase audio volume.
5. Press  . Now you will see <PICTURE>, <VOLUME>, <OPTION>, <SYSTEM>, <PRESET>, and <CLOCK> selections. (Press  once and the next submenu will appear). Press  or  to select next level submenu; Press  or  to adjust the corresponding submenus.





Menu operation

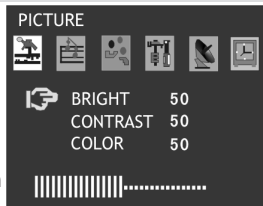
1. PICTURE MENU

Press MENU button to enter "PICTURE" menu (see Picture 1)

■ BRIGHT: Adjust the picture brightness

Operation as follows:

- 1). Press  /  button to move the cursor to "BRIGHT"
 - 2). Press  /  button to adjust the brightness
- CONTRAST: Adjust picture contrast rate, using same operation as "BRIGHT"
- COLOR: Adjust the color, using same operation as "BRIGHT"







PICTURE 1



2.VOLUME MENU

Press MENU button to enter "VOLUME" menu (see Picture 2)

■ VOLUME: Adjust the volume

Operation as follows:

- 1). Press  /  button to move the cursor to "volume"
- 2). Press  /  button to adjust the volume






NOTE: You can also adjust the volume with the  /  button on the remote control.


3.OPTION MENU


Press MENU button to enter "OPTION" menu (see Picture 3)


■  : Picture Up/Down/Left/Right rotation function

Operation as follows:

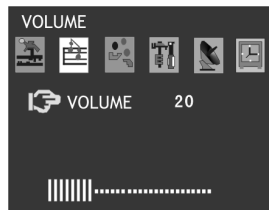
- 1). Press  /  button to move the cursor to "".
- 2). Press  /  button to change the picture's orientation

■ ZOOM: Switch between 16:9 and 4:3 display mode, using same operation as "".

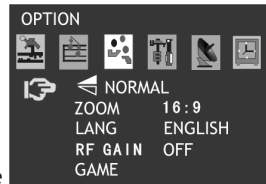
■ LANG: Choose different language (Chinese, English, French, German, Italian, Russian, Portuguese, Spanish), using same operation as "".

■ RF GAIN: Switch of signal enhance (also is switch of external power antenna), using same operation as "".

NOTE: RF GAIN function is only applicable to special models, and it must be connected with



PICTURE 2



PICTURE 3

external power antenna.





- GAME: "Tetris", using same operation as "◀▶". To exit "Tetris", press MENU.

4.SYSTEM MENU

Press MENU button to enter "SYSTEM" menu (see Picture 4)

- COLOR SYS: Choose different color system: PAL, NTSC, SECAM and "AUTO" identify. (The factory default setting is "AUTO", which will automatically identify the color system.)

Operation as follows:

- 1). Press  /  button to move the cursor to "COLOR SYS".
- 2). Press  /  button to choose different color system. If




color system is not correct, the picture will be no color or abnormal.

(NOTE: This does not mean that the TV can support the three systems at the same time, please see details on page 17).

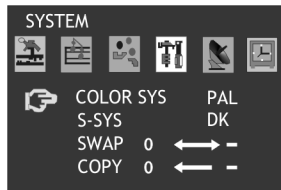
- S-SYS: Choose different sound system: DK, I, BG, M, L. If the system is not correct, there will be no sound, only noise or abnormal audio/video. Operation same as "color system".

(NOTE: Not all of the TV support the 5 audio system)

- SWAP: Switch the No. of two channels. Operation as follows:

- 1). Press  button to choose the left side channel No.
- 2). Press  /  button to set change side channel No.

PICTURE 4



3). Press  button to choose the right side channel No.


4). Press  /  button to right side channel No.

Then press MENU button to exit, and the channels will be switched.

■ **COPY:** Copy one channel to more than two same channels. The channel to the left of the arrow is the copied channel and the right side is the original channel. Operation as follows:

1). Press  button to move the cursor to the left side channel No. position.

2). Press  /  button to select a channel No.

3). Press  button to move the cursor to the right side channel No. position.


4). Press  /  button to select the current copied channel No.

5. PRESET MENU

Press MENU button to enter "PRESET" menu (see Picture 5)

■ **AUTO-SEARCH:** automatically searches and stores valid TV channels.

Operation as follows:

1). Press  button to move the cursor to "AUTO-SEARCH".

2). Press  button to begin automatic channel search.

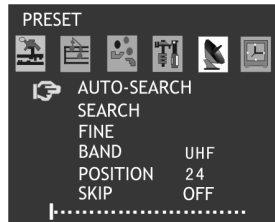
After finishing, the channels will be stored automatically, and the TV will turn to the first valid channel.







■ **SEARCH:** Search for one channel manually . Operation as follows:

1). Press  button to move the cursor to "SEARCH".







2). Press  /  button to select one channel.

PICTURE 5





- 3). Press  button to move the cursor to "BAND".
 - 4). Press  /  button to choose band, VHFL, VHFH or UHF.
 - 5). Press  button to move the cursor to "SEARCH"
 - 6). Press  /  button to forward or backward search, it will stop automatically when the signal is found.
 - 7). Press "MENU" button to exit, then the current channel will be stored.
- FINE: Micro-adjust one channel (normally, no need to use this function, only while the audio or picture quality is not so good after AUTO-SEARCHING).

Operation as follows:

- 1). Press  button to move the cursor to "FINE".
 - 2). Press  /  button to micro-adjust, till best audio and picture is reached. Then press MENU button to exit.
- BAND: Select program band when manual searching, details see above in "SEARCH".
 - POSITION: Choose the channel No. when manual searching, details see above in "SEARCH".
 - SKIP: This function can skip "fake channels"
(A "fake channel" occurs when there are two channels set to the same station; the one with worse picture is the "fake channel"). Operation as follows:
- 1). Press  /  button to select a channel or the digit buttons on the remote control in the "POSITION".
 - 2). Press  button to move the cursor to "SKIP".

3). Press  button to switch the "SKIP" to "ON".

4). Press MENU button to exit.

After doing this, the selected channel will be skipped, and with the  /  button on the remote control, you will not find the skipped channel; but with the digit buttons, the channel can be found.

6.CLOCK MENU

Press MENU button to enter "CLOCK" (see Picture 6)

■ SLEEP: Make the TV to sleep mode.

At the preset time, Time Range: 10-240 minutes.

Operation as follows:

1). Press  button to move the cursor to the "SLEEP".

2). Press  /  button to set time.

■ TIME: Set the current time hour/minute.


This item works with the other two items: ON-TIME and OFF-TIME.


■ OFF-TIME: Time that the device will standby automatically.

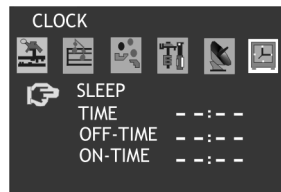
■ ON-TIME: Time that the device will turn on automatically.

Operation as follows:






1). Press  button to move the cursor to the "TIME".

2). Press  button to set "hour", Press  to set "minute".

3). Press  button to move the cursor to the "OFF-TIME".



PICTURE 6

- 4). Press  button to set "hour", Press  to set "minute".
 - 5). Press  button to move the cursor to the "ON-TIME".
 - 6). Press  button to set "hour", Press  to set "minute".
- Press MENU button to exit.

(NOTE: If ON-TIME and OFF-TIME are set, then the "SLEEP" timer is invalid.

To Receive Better Picture

Adjust the length, angle and direction of the telescopic antenna in order to gain the best picture.

NOTES:

The following occurrences **DO NOT** indicate malfunction of the device: Signal is too weak; adjusting the antenna does not improve the picture clarity; picture is wavy and shaken; sound quality is bad. If the antenna is being used, and the picture is still poor, please try the external antenna or cable TV signal.

Earphone

Plug the earphone into the earphone jack.

Troubleshooting

The following occurrences **DO NOT** indicate a defective display.

Before requesting repair service, please check and correct for the possible causes listed below.

Problem	Possible Causes
No picture and Sound	Is there power to the unit? Is the adapter connected correctly? Is the adapter compatible with the TV? Is sleep mode activated?
No picture	Is the channel selected correctly? Reset channels
No sound	Is the volume off or audio system improperly set? Is earphone connected? Is the signal poor or mute function turned on?
Poor reception	Is the antenna adjusted correctly? Is the channel tuned correctly?
Dark picture	Are brightness and contrast set correctly? Is temperature too low?
Vague or unstable picture	Is the antenna adjusted correctly? Is the grounding signal too weak?
Duplicated picture	Are reflected signals from a nearby building being picked up
Snowflake interference	Is an electric wave from a vehicle affecting the signal? Are there high voltage power wires or neon lights nearby?
No color	Is the color adjusted correctly? Is the color system set correctly? Is the color elimination function on?

Specification

Technical Data	TV07
Screen Size	7In
Nominal Input Voltage	12V
Operation Power consumption	6W
Standby Power consumption	1W
Power consumption when TV is off	0W
Display Model	16:9/4:3
Resolution	480 x RGB x 234
Brightness	300cd/m ²
Contrast Rate	300:1
Dimensions	205mm x 147mm x 40mm (W x H x D)
Net Weight	0.5Kg
Storage Temperature range	-20 to +60°C
View Angle	L=60 R=60 U=40 D=60
Video input	1VP-P

Technical Data	TV07
Audio input	1ch(L/R)
Audio output	0.5W*2CH
Color system	PAL <input type="checkbox"/> NTSC <input type="checkbox"/> SECAM <input type="checkbox"/>
Receiving channel	Channels frequency range:48.25MHZ-863.25MHZ
Audio system	DK/I/BG <input type="checkbox"/> M <input type="checkbox"/> L <input type="checkbox"/>
Input/Output jacks	1.RF input jack 2.A/V input jack 3.DC input jack 4.earphone output jack

Subject to change without notice. Version: 20071201

Made in one of the following countries:

Germany - China - Bolivia - India

Phocos AG - Germany

www.phocos.com

ISO9001:2000



RoHS