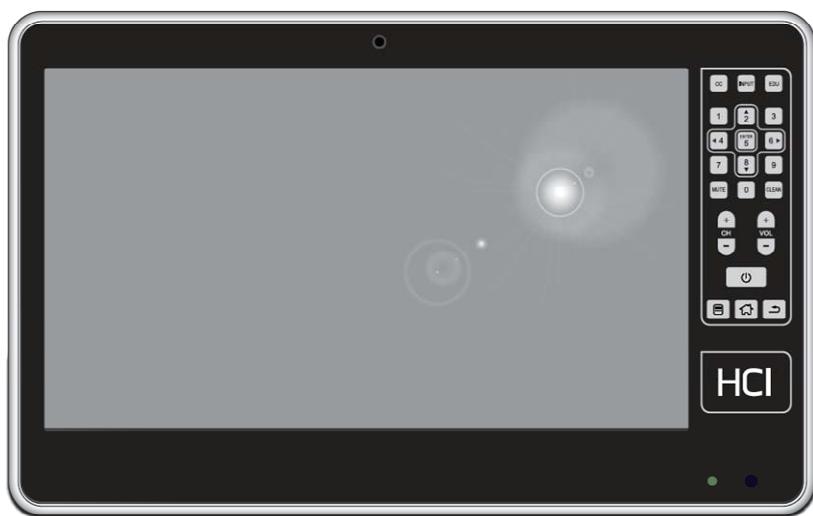


# SMB TV Terminal



# **Instruction Manual**

Read all of the instructions before using this TV and keep the manual in a safe place for future reference.

## Important Safety Instructions

- Read these instructions – All the safety and operating instructions should be read before this product is operated.
- Keep these instructions – The safety and operating instructions should be retained for future reference.
- Heed all warnings – All warnings on the appliance and in the operating instructions should be adhered to.
- Follow all instructions – All operating and use instructions should be followed.
- 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.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacture's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 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.
- 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.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug the apparatus during lightning storms or when unused for long periods of time.
- 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.
- Please keep the unit in a well-ventilated environment.
- **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 objects filled with liquids, such as vases, shall not be placed on apparatus.
- **WARNING:** The wall socket plug is used as disconnect device, the disconnect device shall remain readily operable.
- **WARNING:** The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.



- 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.
- The apparatus should be connected to an electrical wall outlet with a protective grounding connection.

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## Caution



- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.
- The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to the persons.

### FCC Information to User

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### Caution

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**FCC Compliance Information :** This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

### IMPORTANT NOTE:

#### FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

# Safety Information

To ensure reliable and safe operation of this equipment, please read carefully all the instructions in this user guide, especially the safety information below.

## *Electrical safety*

- The TV set should only be connected to a main power supply with voltage that matches the label at the rear of the product.
- To prevent overload, do not share the same power supply socket with too many other electronic components.
- Do not place any connecting wires where they may be stepped on or tripped over.
- Do not place heavy items on them, which may damage the leads.
- Hold the main plug, not the wires, when removing from a socket.
- During a thunderstorm or when not in using the television for long periods, turn off the power switch on the back of the television.
- Do not allow water or moisture to enter the TV or power adapter. Do NOT use in wet, moist areas, such as bathrooms, steamy kitchens or near swimming pools.
- Pull the plug out immediately, and seek professional help if the main plug or cable is damaged, liquid is spilt onto the set, if accidentally exposed to water or moisture, if anything accidentally penetrates the ventilation slots or if the set does not work normally.
- Do not remove the safety covers. There are no user serviceable parts inside. Trying to service the unit yourself is dangerous and may invalidate the product's warranty. Qualified personnel must only service this apparatus.
- To avoid battery leakage, remove exhausted batteries from the remote control, or when not using for a long period.
- Do not break open or throw exhausted batteries on a fire.

## *Physical safety*

- Do not block ventilation slots in the back cover. You may place the TV in a cabinet, but ensure at least 5cm (2") clearance all around.
- Do not tap or shake the TV screen, or you may damage the internal circuits. Take good care of the remote control.
- To clean the TV use a soft dry cloth. Do not use solvents or petroleum based fluids.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose 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. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs.
- Unplug the apparatus during lightning storms or when unused for long periods.
- Refer all servicing to a 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, has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Please always connect your television to a power outlet with protective ground connection.

# What your TV should look like

## Front View

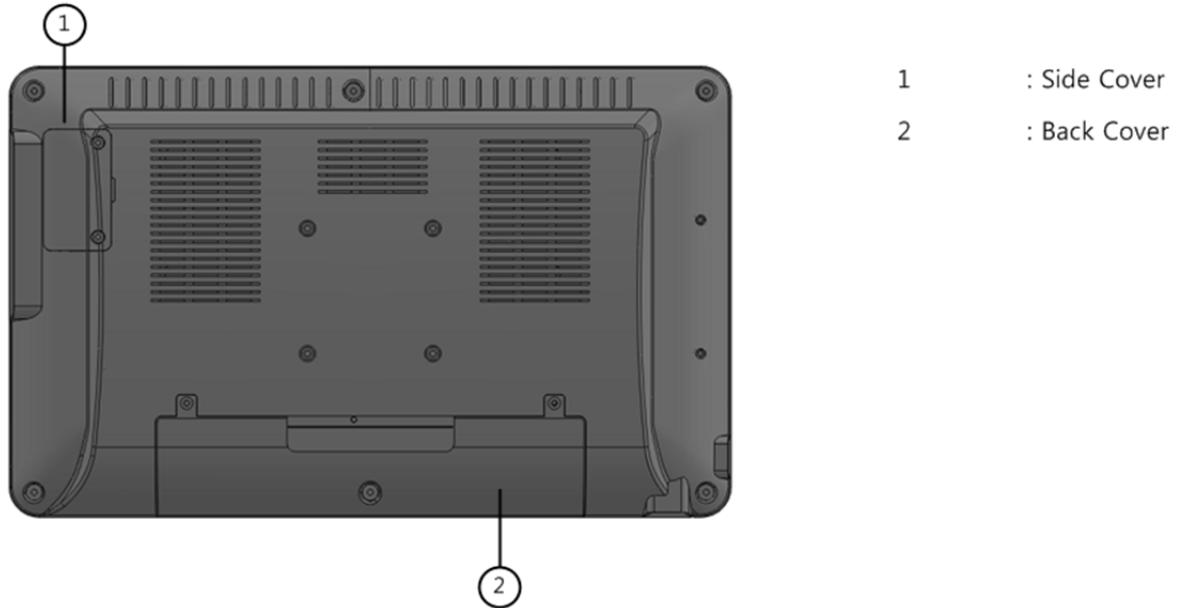


## Control Panel

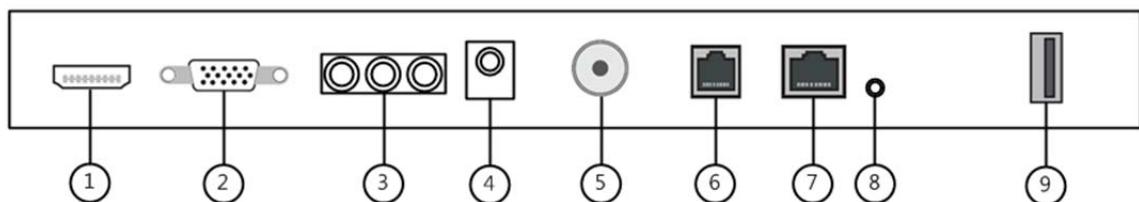


CC	: TURNS CLOSED CAPTIONS ON AND OFF
INPUT	: SELECTS INPUT SOURCE
EDU	: FAVORITES FUNCTION
NUMBER BUTTONS	: DIRECT ACCESS TO CHANNELS
MUTE	: TURNS SOUND ON AND OFF
CLEAN	: KEYPAD, 30 SECOND PAUSE
VOL +	: INCREASES SOUND LEVEL
VOL -	: DECREASES SOUND LEVEL
CH +	: CHANGES CHANNEL TO THE NEXT HIGHER PROGRAMMED CHANNEL
CH -	: CHANGES CHANNEL TO THE NEXT LOWER PROGRAMMED CHANNEL
POWER	: TURNS SET ON AND OFF
MENU	: USED TO ENTER SETUP MENU
HOME	: RETURN TO MAIN MENU
BACK	: CHANGE BANKS

## Back View

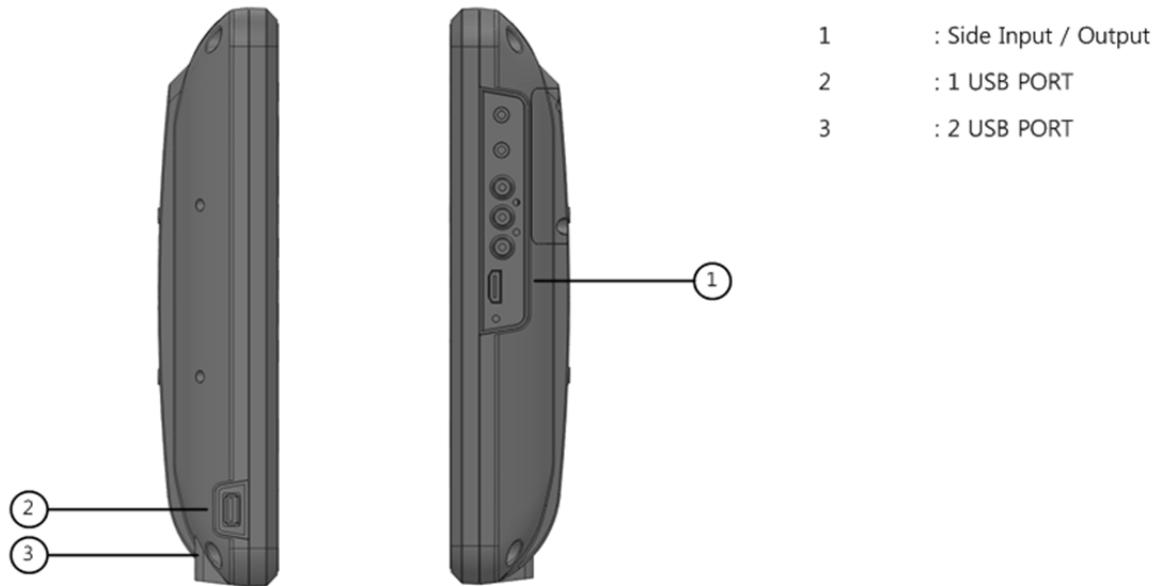


## Rear I/O Port

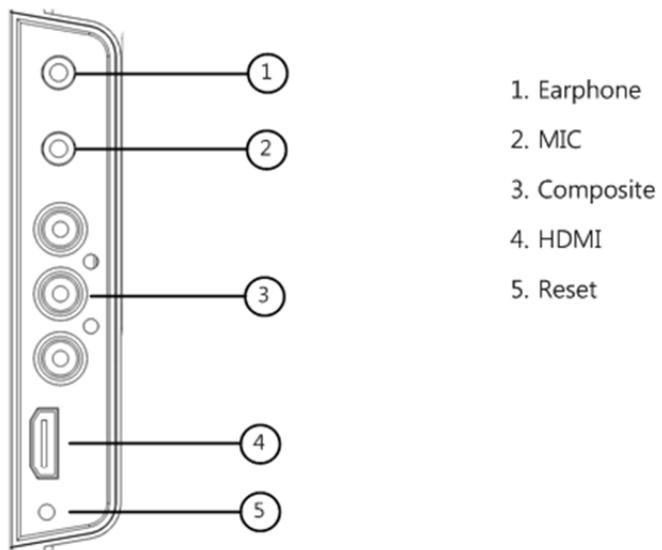


1. HDMI : High Definition Multimedia Interface.
2. VGA : Input terminal of simulation signal of PC or A/D software updating.
3. Composite : video/audio input jack
4. DCIN : 24V DCIN
5. RF IN : RF antenna or cable input. / RF Power IN (24VDC 60W MAX / 28VAC 3A MAX)
6. RJ12: : Serial communication
7. RJ45 : Connect the LAN cable to ETHERNET.
8. ear JACK : RS232 communication
- 9.USB : Connect external USB devices to USB (DC 5V/500mA)

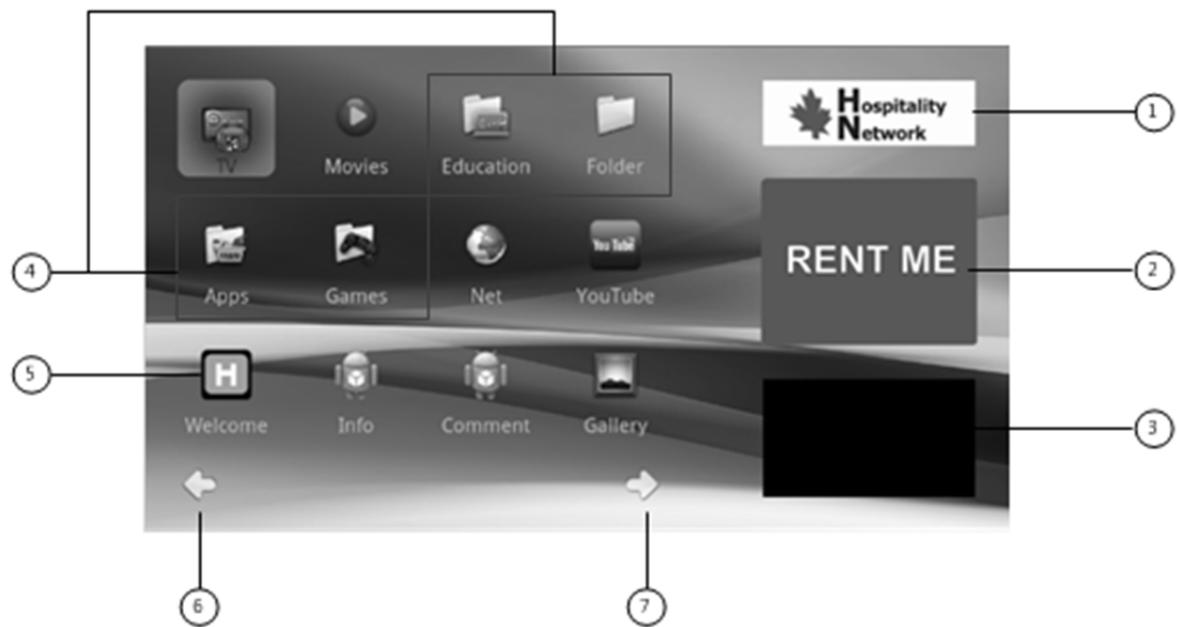
## *Side View*



## *Side I/O Port*



## *Home screen*



1. Users logo
2. Users Applications or User Photo
3. Small TV screen or User Photo
4. Folder icon
5. Applications icon
6. Back icon
7. Next icon

## Troubleshooting

If your television does not operate normally or does not turn on, please check the following troubleshooting questions. Remember to also check the other connected electronic devices, such as DVDs or Blu-ray players to pinpoint any problem. If the television still fails to operate normally, please contact technical support (refer to Warranty page).

SYMPTOM	POSSIBLE CAUSE	REMEDY
Dead. No LED lit	No power to the TV.	Check all connections to the TV's AC socket.
Dead. No LED lit orange	Set in standby mode.	Press either the Power button or the Standby button on the remote control.
Blue screen	No signal.	Press INPUT button to select the correct source
	Incorrect source selected.	
Noisy, snowy, ghosting picture (TV)	Poor antenna signal.	If using an indoor antenna, try adjusting the antenna position. Check antenna connections
No sound	Sound "Mute".	Turn sound "Mute" OFF.
	Volume set too low.	Check volume settings.
	External leads not connected "if used".	Check that all external leads are connected properly.

## Troubleshooting

Before contacting the service technician, perform the following simple checks. If any problem still persists, unplug the LCD TV and call for assistance.

PROBLEM	POSSIBLE SOLUTION
No sound and picture	<ul style="list-style-type: none"><li>–Check that the main plug has been connected to a wall outlet</li><li>–Check that you have pressed the POWER button on the front of the TV set</li><li>–Check the picture contrast and the brightness setting</li></ul>
Red LED indicator light	<ul style="list-style-type: none"><li>Set in standby mode. Press either the POWER button or the Standby button on the remote control</li></ul>
Normal picture but no sound	<ul style="list-style-type: none"><li>–Check the volume</li><li>–Sound muted? Press the MUTE button</li><li>–Try another channel, the problem may be with the broadcast</li><li>–Are the audio cables installed properly?</li></ul>
The remote control does not work	<ul style="list-style-type: none"><li>–Check to see if there are any objects between the TV and remote control causing obstruction</li><li>–Are batteries installed with correct polarity (+ / -)</li><li>–Correct remote operating mode set: TV, VCR, etc?</li><li>–Install new batteries</li></ul>
Power suddenly turns off	<ul style="list-style-type: none"><li>–Is the sleep timer set?</li><li>–Check the POWER control settings. POWER may be interrupted</li><li>–No broadcast on the station tuned</li></ul>
Picture appears slowly after switching on	<ul style="list-style-type: none"><li>– This is normal, the image is muted during the product start up process. Please contact a service provider if the picture has not appeared after 5 minutes</li></ul>
Poor Color or picture	<ul style="list-style-type: none"><li>–Adjust the color in Menu option</li><li>–Keep a sufficient distance between the product and the VCR</li><li>–Try another channel, the problem may be with the broadcast</li><li>–Are the VIDEO cables installed properly?</li><li>–Activate any function to restore the brightness of the picture</li></ul>
Horizontal/vertical bars or picture shaking	<ul style="list-style-type: none"><li>–Check for local interference, such as an electrical appliance or power tool</li></ul>
Blue Screen	<ul style="list-style-type: none"><li>–Press INPUT button to select correct source</li></ul>
Poor reception on some channels	<ul style="list-style-type: none"><li>–Station or cable experiencing problems. Tune to another station</li><li>–Station signal is weak, reorient antenna to receive better reception</li><li>–Check for sources of possible interference</li></ul>
Lines or streaks in pictures	<ul style="list-style-type: none"><li>–Check the antenna (change the direction of the antenna)</li></ul>
No output from one of the speakers	<ul style="list-style-type: none"><li>–Adjust balance in the Menu option</li></ul>

## Maintenance

Early malfunctions can be prevented. Careful and regular cleaning can extend the amount of time you will have with your new TV. Be sure to turn the power off and unplug the power cord before you begin any cleaning.

### Cleaning the screen

- 1 A great tip to dust off your screen. Wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then use to wipe the screen
- 2 Make sure the excess water is off the screen, then let air-dry before you turn on the TV.

### Cleaning the Cabinet

To remove dirt or dust, wipe the cabinet with a soft, dry, lint-free cloth. Please be sure not to use a wet cloth.

### Extended Absence



If you expect to leave your TV dormant for a long time (such as a vacation), it is a good idea to unplug the power cord to protect against possible damages from lightning or power surges.