



NT-1600
Operating Guide

Table of Contents

Warnings and Cautious3

In the Box 4

At a Glance 5~9

Main Unit..... 5,6

Remote Control..... 7~9

Basic Operation10,11

Connect the Power Supply10

Connect the Antenna.....10

Using the Number Keypad11

Using the Built-in battery.....11

Setting the Input Source.....11

TV Menu Operation 12~16

Channel..... 12,13

Picture..... 14

Sound..... 14

Time.....15

Option15

Lock.....16

FM Radio Receiving 17

Multimedia Interface.....18

Photo Playback 18

Music Playback..... 18

Movie Playback..... 18

Specifications 19

Limited Warranty 20



The lightning flash and arrowhead in the triangle is a warning sign alerting you of “dangerous voltage”.

CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

WARNING: To reduce the risk of electrical shock, do not open product casing. There are no user-serviceable parts inside. Refer servicing to a qualified service professional.



The exclamation point in the triangle is a warning sign alerting you of important operating instructions.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

This product should not be exposed to dripping or splashing. No objects filled with liquids (vases, cups, etc.) should be placed on or near this product.

CAUTION (GROUNDING OR POLARIZATION): The wider blade of the AC plug must match the slot in the “wall socket” receptacle to ensure proper electrical grounding.

CAUTION: Batteries and the battery compartment should not be exposed to excessive heat, such as sunshine or fire.

WARNING: There is a danger of explosion if batteries are incorrectly placed. Replace batteries only with the same or equivalent type.

NOTE: Under the influence of electrostatic phenomenon, this product may malfunction and cause the power to reset.

NOTE: Caution symbols are printed on the bottom of the product. Please refer to the instruction manual for more information.

In the Box

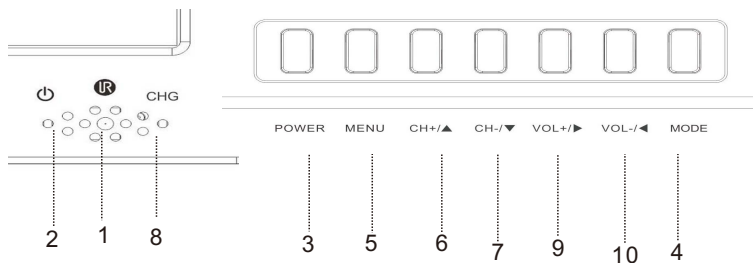
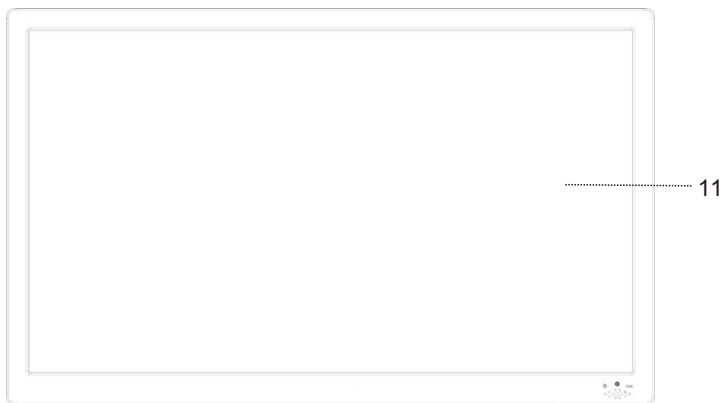
Please take a moment to make sure that you have everything in the list below.

Although we make every effort to ensure that each device is securely packed and sealed, we know a lot can happen in between us and you. If anything is missing, check back with your local retailer to get immediate assistance. If they can not help you, please contact our Support team.

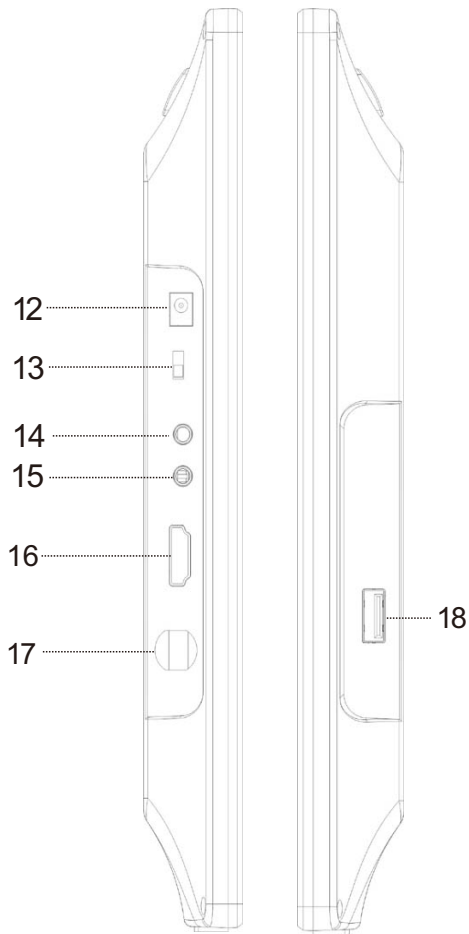
- NT-1600 Portable TV
- External Magnetic Sucker Antenna
- AC power adapter
- DC car power cord
- A/V cable
- Remote control
- Batteries for Remote control
- User's Manual

At a Glance

1. Main Unit

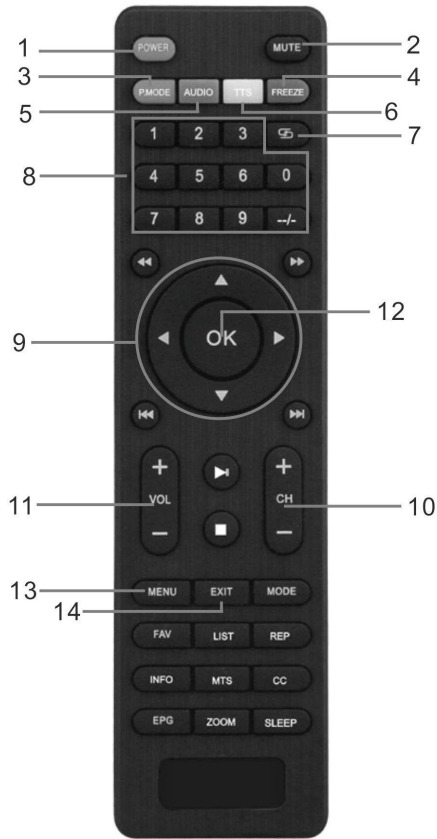






1	Remote sensor	Detects IR signals from the included remote control.
2	⏻	Power indicator; Lights Blue when the TV is connected to the power and stand by; Lights red when TV is charging; The indicator will darken the TV is fully charged.
3	POWER	Power/Standby. Press to turn the TV on or to place it in standby mode.
4	MODE	Change the active source mode. Press to view the Mode menu; press CH+/CH- to browse the list of modes; then press VOL+/- to select and change the mode.
5	MENU	Access the system menu to adjust the TV's options.
6	CH+/▲	Channel up/browse up when navigating a menu
7	CH-/▼	Channel down/browse down when navigating a menu
8	CHG	When with built-in rechargeable batteries, it is charge indicator. It bright when re charging, Not bright state, charging full (Only available for the machine of internal battery)
9	VOL+/▶	Volume up/browse right when navigating a menu
10	VOL-/◀	Volume down/browse left when navigating a menu
11	TV display	Color TFT LCD screen



12	DC input	Use with the included AC power adapter or DC power cord.
13	Master Power Switch	Set to ON to use the TV. If you will not be using the TV for an extended period of time, set the switch to OFF to turn the unit off completely. (The TV will use a little bit of power when the switch is set to ON and the TV is placed in Standby mode.)
14	Head-phone jack and AV-OUT jack	3.5 mm stereo audio output. Audio and Video output function in ATV and AV source only.
15	AV-IN jack	Watch video files from an external media player through the AV IN jack with the supplied A/V cable and setting source mode to AV.
16	HDMI input	Watch video files from an external media player through the HDMI input jack with the HDMI cable and setting source mode to HDMI.
17	Antenna input jack	75 ohm coaxial connector for TV antennas.
18	USB port	Load a USB memory stick with compatible media files, then set the active source mode to MEDIA.

2 Remote Control



1	Power 	Power Switching Key. Turn the TV on or off.
2	MUTE	Enable/disable the sound output.
3	P.MODE	change the picture preset mode.
4	FREEZE	Temporarily pause the video.
5	AUDIO	change the sound preset mode.
6	TTS	Voice prompt function On/Off
7	 Return	Go to the last viewed channel.
8	Channel Keys	Use the number keypad to change the channel.
9	 	Browse up/down in menu lists. Browse left/right or adjust an option in menu lists.
10	CH+/CH-	Change the channel up or down, respectively.
11	VOL+/VOL-	Increase/decrease the volume level, respectively.
12	OK	Confirm a selection.
13	MENU	View the system menu.
14	EXIT	Exit the system menu.



15	FAV	View the channels in your favorites list.
16	LIST	View all the available channels.
17	INFO	View program information.
18	MODE	Change the active input source mode (TV, HDMI, AV, FM Radio, MEDIA)

19	MTS	Change the default audio language.
20	CC	Change the closed-caption display modes.
21	EPG	If available, view program guide information from over-the-air ATSC TV broadcasts.
22	ZOOM	Picture modes
23	SLEEP	Set a sleep timer (max 240 minutes).

The following keys only work when playing music/videos in MEDIA mode.

24	REP	the repeat mode. when play a music or a video, press " REP" key to let this music or this video repeatly.
25	▶	Start, pause, or resume playback.
26	■	Stop playback.
27	◀◀	Go to the previous track.
28	▶▶	Skip to the next track.
29	◀◀	Scan in reverse quickly.
30	▶▶	Scan forward quickly.



To adjust the volume when playing an MP3 or video file, first press the CH ▼ key on the TV to hide the system menu, then press VOL ▶ or VOL ◀ to adjust the volume. To return to the system menu, press OK.

Notes:

1. Keep within 6 meter distance when using the remote control to work TV.
2. Keep about 45° angle or the obverse angle to aim IR sensor location on TV.



within 6 meter distance



The remote control operates 2pcs "AAA " battery (included the packaging box). To power up the remote control, put the AAA battery inside the battery groove.



Remote Batteries Type: AAA x 2



Before throwing any batteries away, consult your distributor who who may be able to take them back for specific recycling.

Basic Operation

1. Connect the Power Supply

Use the supplied power adapter to connect the DC Input jack [19] on the TV to a power supply. The AC power adapter works with AC 100–240V outlets; the DC car adapter works with the power socket found in most motor vehicles.



2. Connect the Antenna

Use the supplied external antenna for improved TV reception. Connect one end of the External Magnetic Sucker Antenna to the Antenna Input jack [12] of the TV.



External Magnetic Sucker Antenna

i You may also connect a larger or amplified antenna for improved reception.

3. Using the Number Keypad

Use the number keypad (0–9) on the remote to tune directly to a channel or to input a value when prompted on a menu or option screen.

To tune to channel 15-1, for instance:

1. Press the “1” key, then press the “5” key.
2. Press the “--/–” key.
3. Press the OK key.

To go to track 15, for instance:

1. Press the “1” key, then press the “5” key.
2. Press the OK key.



4. Using the Built-in battery

The TV has a built-in rechargeable lithium battery. Charge the built-in battery before using it for the first time. The charging indicator will change from red to darken when the battery becomes fully charged.

Notes: About 6.5 hours to be fully charged; And the battery working time is up to 2.5 hours.

Warnings:

- * To charge the battery, just connect the AC adapter.
- * Recharge the built-in battery when you are ready to use it again.
- * To get the longest service life of the built-in battery, charge at indoor-temperature.
- * While using the built-in battery, the environment temperature should be 5°C (41°F) to 35°C (95°F).

5. Setting the Input Source

Set the input source to choose which connection is active and displayed on the TV screen.

Press MODE to access the input source menu, then press ▲ or ▼ to change the input source. Press OK to confirm the selection.



TV Menu Operation


Press the MENU key on remote to access the menu list and then press the OK key to enter the list. Press the Press ▲ / ▼ and ◀ / ▶ key to move within the Menu, and then press the OK key to confirm the change.

To exit the menu, press the MENU key to back out of all menu options.

Channel



1. Air/Cable: Set to Air if you are using an antenna like the ones provided to receive over-the-air TV broadcasts. Set to cable if you are connecting to a Cable TV system.
2. Auto Scan: Automatically finds all TV stations with a signal and saves them to the channel list. Note: use this Auto Scan feature whenever you move the TV to a different geographic location.
3. Favorite: Add channels to the Favorites list. Press ▲ / ▼ and ◀ / ▶ to browse the channel list, then press OK to mark/unmark a channel as a Favorite.
4. Show/Hide: Choose whether a channel will be selectable when tuning with the CH+ / CH- keys. Press ▲ / ▼ and ◀ / ▶ to browse the channel list, then press OK to mark/unmark a channel as hidden.

 *You can still tune to a hidden channel directly with the numeric keypad.*

5. Software Update (USB): Used to perform software updates via USB.
6. DTV Signal: Displays the signal quality of the current channel.



⚠ Troubleshooting Tip

1. **Missing Channels or Channels not Found**

Channel selection is based on signal strength at the time of an autoscan. If you are missing a channel you expect to find, first research the location of broadcast towers in your area. Aiming the antenna in the direction of the broadcast towers will significantly increase its signal strength. Always run an auto-scan after changing the antenna's setup.

2. **For best reception:**

- *Place the antenna by a window with a clear view of the sky.
- *Place the antenna as high as possible.
- *Aim the antenna in the direction of broadcast towers in your area.

The included antennas have a maximum range of 15 miles. If the broadcast towers in your area are at a distance greater than 15 miles, you may require an amplified antenna to obtain reception. The following websites are great resources for viewing coverage maps:

FCC DTV Map(Lists signal strength-assuming outdoor antenna):

<https://www.fcc.gov/media/engineering/dtvmaps>

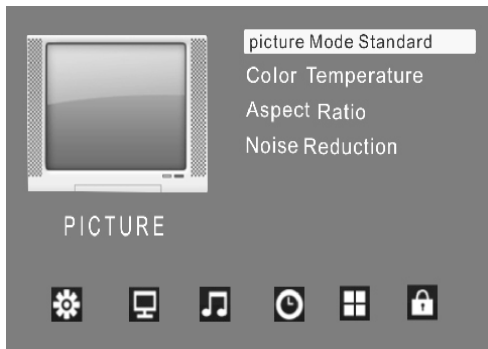
No Cable.org (Lists broadcast tower location and distance):

<https://nocable.org/>

Picture



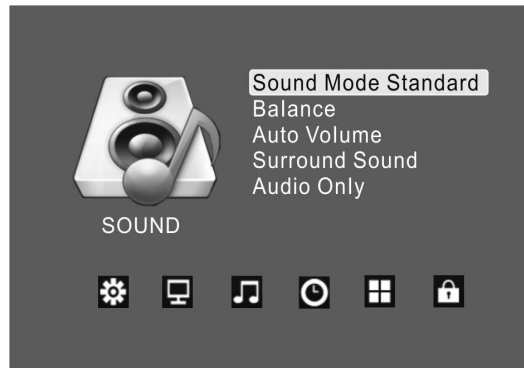
1. Picture mode: Select a picture preset that looks best (Standard, Soft, user, and Vivid).
2. Color Temperature: Press “OK” then the Left/Right arrow keys to adjust color to Warm, User or Cold.
3. Aspect Ratio: Adjust the screen width by pressing “OK” then UP/DOWN arrows to select Auto, 4:3, 16:9, Zoom1, Zoom2 and Panorma.
4. Noise Reduction: Press “OK” then the Up/Down arrow keys to select, “close, low, middle, or high.”



Sound



1. Sound mode: Set a preset equalizer to match the type of program you are watching from; standard, music, movie, sports, and user setting.
2. Balance: Press “OK” then the Left/Right arrow keys to adjust the audio level from -50 to 50.
3. Auto Volume: Press the “OK” key to enter the menu and select Open or Close to set Auto Vol.
4. Surround Mode: Press “OK” then the Up/Down arrow keys to select, “open or close surround.”
5. Audio Only: Press the “OK” key to enter the menu to select, “close the image signal.” Only audio will be heard as the image will disappear.



Time



1. **Clock:** Press the “OK ” key to enter the menu, then the ▲/▼ to select; then press the ◀/▶ keys to adjust the current date and time.
2. **Off Time:** Press the “OK ” key to enter the menu, then ◀/▶ arrow keys to set a day and time to auto shut off the TV.
3. **On Time:** Press the “OK ” key to enter the menu, then ◀/▶ arrow keys to set a day and time to auto turn on the TV.
4. **Sleep Timer:** Set a timer. the TV will turn off automatically at the end of the timer.
5. **Auto Sync:** Set the system time to match the time carried by the antenna signal (cable or air). This option is not adjustable. The TV must be connected to an antenna or cable system for Auto Sync to work.
6. **Time Zone:** Set the time zone adjustment to match your location.



Option



1. **OSD Language:** Set the display language of the onscreen menus.
2. **Closed Caption:** When closed caption is available for a TV program, a synchronized transcript of the program can be displayed on screen.
 - Select Off to never display the closed caption information.
 - Select On to always display the closed caption information.
 - Select CC on Mute to only display the closed caption information when MUTE is enabled.
3. **Setup Wizard:** An on-screen guide that will help you get your TV up and running. Set the menu language, time zone, DST, and time format. Then, it scans all the channels to find all stations within broadcast range.
4. **Restore Factory Default:** Return all options to their factory setting
5. **TTS (Text to Speech):** Converts normal language text to speech.



Lock



Use the remote control to enter the default password (0000) to access the Lock options.

1. Lock System: Enter the default password of (0000) to access the Lock Options to enable or disable.
2. Set Password: Set a new password. When you change the password, write it down and store it in a safe place. Resetting the factory options will not reset the password.
3. Input Block: Completely block the TV mode or the AV modes.
4. US: Prevent programs from being viewed based on US TV or MPA rating guidelines.
5. Canada: Prevent programs from being viewed based on Canadian English or French guidelines.
6. Reset RRT: Refresh the Rating Region Table if you are having problems with the US or Canada rating guidelines.
7. Unrated: Enable or disable the ability to watch unrated programs.



FM Radio Receiving:

1. Press "MODE" to select " FM Radio" mode, and then press the RED key on remote to scan and save the FM frequency channels automatically.
2. Press ▲/▼ to switch the FM channels.

Press the GREEN key on remote to close or open the display screen, and this operation won't take affect on the radio receiving.



3. How to work the FM radio:

FM Radio		
1	87.00	CH01
2	87.00	CH02
3	87.00	CH03
4	87.00	CH04
5	87.00	CH05
6	87.00	CH06
7	87.00	CH07
8	87.00	CH08
9	87.00	CH09
10	87.00	CH10

Info	
Channel Number:	1
Frequency:	87.00
Name:	CH01

<input type="radio"/> All Tune	<input checked="" type="radio"/> Backlight	<input type="radio"/> Ok	Choose CH
--------------------------------	--	--------------------------	-----------

Channel Number: 1 — FM CH number
 Frequency: 87.00 — Frequency/Station
 Name: CH01 — Channel Name/Number

Input the preset Channel number to go to your desire CH FM station.

You can change the FM Frequency by pressing the (OK) button on remote. press the(R)arrow key to single digits press the(UP) arrow key for Next auto frequency tuning.



Use the down arrow key to go to next station. press the up arrow key to go to previous station.

Select (P. Mode) Red Button on Remote to perform a FM Scan

Select (Audio) Green Button on Remote to Turn ON/OFF TV backlight.

Press (OK) button on remote to select the Station you want to listen to.



Multimedia Interface

Make sure your USB drive is in the USB Slot on the TV. From the input Menu, select MEDIA. Press OK to access either Photo/Music/Movie/ or Text icon.

Photo Playback

Insert your USB drive in the USB Slot on the TV. Press the Left/Right arrow keys to select Photo and press OK. Press ► to start slide show.

Press ◀◀ or ▶▶ to display the previous and next photo. Press return to quit.

Music Playback

Insert your USB drive in the USB Slot on the TV. Press the Left/Right arrow keys to select Music and press OK. Press ► to play music.

Press ◀◀ or ▶▶ to play the previous and next track. Press return to quit.

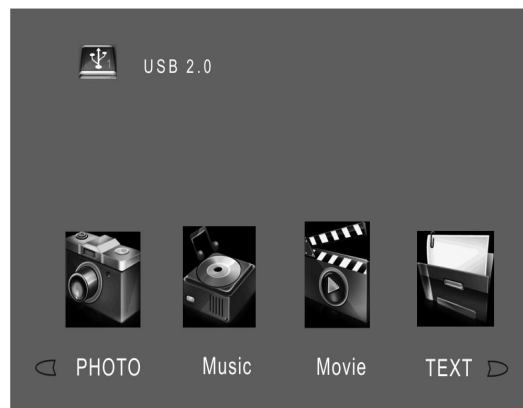
Movie Playback

Insert your USB drive in the USB Slot on the TV. Press the Left/Right arrow keys to select Movie and press OK. Press ► to play movie.

Press ◀◀ or ▶▶ to display the last chapter and next chapter. Press return to quit.

Support format as follow:

Multimedia	Support file
Photo	jpg
Music	MP3
Movie	MPEG,XVID,AVC,MP4, H.264,HEVC(H.265)FLV,MKV



IMPORTANT NOTE:

Please take care to use only English characters and numerals when naming your .MP3 files. Characters such as “_” (underscore) and “ ” (space) may result in files being unreadable or inconsistently recognizable by the device.

IMPORTANT NOTE:

Although this product is fully compatible with USB 1.0 and 2.0 standards, a small percentage (about 5%) of USB Flash devices may not be readable, as not all Flash devices are fully compliant with USB official standards.

REMOVAL OF USB DRIVES :

NEVER remove (or unplug) USB devices from the device during playback. Always press the STOP button before removing the device to avoid corrupting the audio files or Flash device.

IMPORTANT:

This unit DOES NOT support the connection or use of MP3 players through the USB port, due to their lack of software compatibility. Only USB “Flash” devices can be used for audio playback through the USB port.

Note: Products are improved continuously. We reserve the right to modify the product and specifications without prior notice.

Made in China

Specifications

Screen type	16" TFT LCD
Screen resolution	1366x 768
Removable Memory Support	USB
Playable Media Formats	MP3, JPEG, MPEG, XVID, AVC, MP4, H.264, HEVC(H.265), FLV, MKV, TXT
HDTV signal support	ATSC
Receiving frequency Range	ATSC: 57MHz-861MHz NTSC: 55.25MHz-801.25MHz
Modulation Mode	8VSB 64QAM 256QAM
Speaker Output Power	1 W x 2 (2 W total)
Power	Rechargeable lithium polymer battery AC 100-240 V power adapter DC car power cord
Power Consumption	about 15W
Dimensions(LWH)	14.8 "x 9.1 "x 1.10" (370mm x 231 mm x 26.5 mm)

* FCC NOTICE

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.



Limited Warranty

NAXA provides a **Limited Warranty of ONE YEAR for all of its products.** NAXA warrants this product to the original purchaser ONLY, to be free from defects in materials and workmanship originating from the manufacturer. NAXA agrees, at its discretion during the warranty period, to repair or replace the product if it is determined to be defective at "no charge". This warranty does not cover cosmetic damage, antennas, AC cords, damage due to power surges, connection to improper voltage supplies, damage caused by leaking batteries, misuse, mishandling, improper application, acts of God, or attempted repair by an unauthorized service agent.

Products are sold for personal, non-commercial use only. Product is not warranted for commercial or rental use.

In order to have your merchandise repaired or replaced under warranty, you must contact NAXA's customer service department at the number or email address below **within the warranty period**. The customer service department will provide you with an RMA number (return authorization code) and the street address for product service/returns. With the product, **you must include the following:**

1. **Proof of purchase**, which must have a purchase date which falls within the warranty period specified in the product manual.
2. **All of the accessories that came in the package**, as well as the main unit.
3. **A detailed description of the problem you are having with the product.**
4. All returns must have an **RMA Number** (an RMA number can be obtained by contacting customer service).

The product must be sent in the original packaging, or a reasonable substitute, to prevent damage. You must include your full name, shipping address, and telephone number for order reference. No return will ship back to a PO Box.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. TYLER SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT.

The warranty period of a repaired or replaced unit will be the balance of the original purchase date.