

EVIANT™

User's Manual

4.3" LCD DIGITAL TV

MODEL: T4

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FCC compliance

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.
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with limits for 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 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 or more of the following measures:

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

Safety Instructions

Please read the following instructions carefully

1. The power input is 5V+/-10%.
2. Do not expose the receiver to rain, moisture, direct sunlight or place it near a heater.
3. Do not use liquid or aerosol cleaners. Use a light damp cloth for cleaning.
4. The hole in the receiver must be left uncovered to allow proper airflow to the unit.
5. Do not use any attachment not recommended by product manufacturer as they may cause hazards.
6. Do not open or remove cover. Refer all service to qualified person.

Main Features

- * Compliant with ATSC A/52.
- * Use high performance ATSC.
- * Provide antenna power supply function for weak signal reception with optional active antenna.
- * Closed caption supported.
- * OSD options: English, Spanish and French.
- * Upgrade port for software upgrade by PC (For service man only).
- * Signal quality indicator.

Note: Due to the upgrade, the new software contents may be slight different than the one contained in this manual.

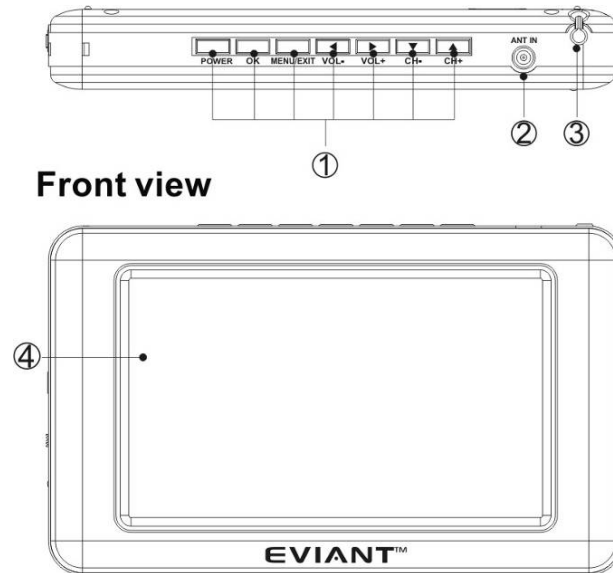
Accessories

The following have been packed in your TV:

- * User's manual x 1
- * Lithium battery (3.7V 2000mAH) x 1
- * AC/DC adaptor x 1
- * A/V cable x 1
- * ANT-351MCX x 1
- * Protective pouch x 1

The images in this manual are only for reference and they may be different from the actual ones.

Front and Rear View



1. Function Keys

POWER: Switch between standby or on modes

OK: Select an item or confirm a choice.

A list will display in viewing mode.

MENU/EXIT: Access the main menu or return to previous status or exit.

VOL+ ► /VOL- ◀ : Alter the Audio output level up or down in viewing mode or move to the left or right item in the menu.

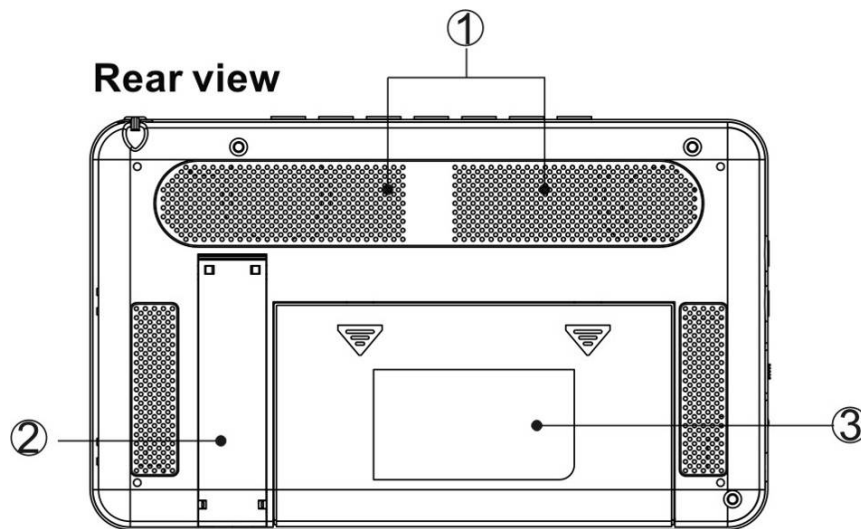
CH+ ▲ /CH - ▼ : Change channels sequentially up or down in viewing mode and move to the next higher or lower item in the menu.

2. External antenna Jack: To receive signal by the external antenna.

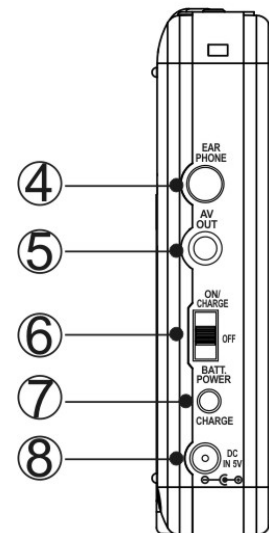
3. Built-in antenna

4. 4.3" LCD Screen

Front and Rear Panel



Side view



- 1 : Speakers
- 2 : Stand: Put it out to stand on a surface.
- 3 : Battery cover
- 4 : Earphone Jack
- 5 : AV OUT Jack
- 6 : ON/CHARGE / OFF / BATT. POWER
(Slide to "ON/CHARGE" position for TV operation and Battery charge with DC power input. Slide to "BATT. POWER" position for TV Operation with Battery power.)
- 7 : Charge indicator: When switch push to ON/CHARGE then LED lighten. When battery is filled, the LED will black out.
- 8 : DC input Jack: DC 5V INPUT ONLY

Battery Installation & Upgrade Port

Battery Installation

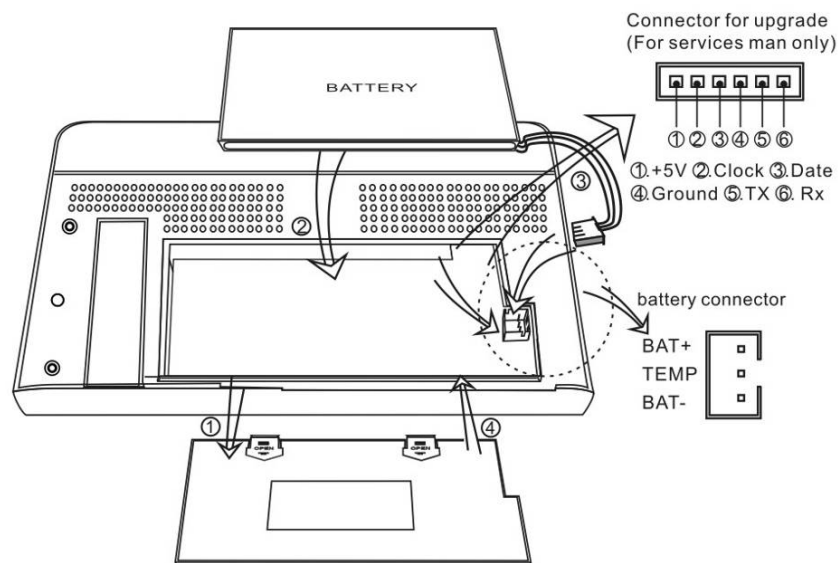
- 1 . Open the battery cover.
- 2 . Put the battery in.
- 3 . Plug the connector of battery into the socket.
- 4 . Close battery cover.

Warning:

- *Use only specified charger.
- *Do not short-circuit.
- *May explode if disposed of in fire.
- *Remove the battery during long period of non-use.

Battery wiring:

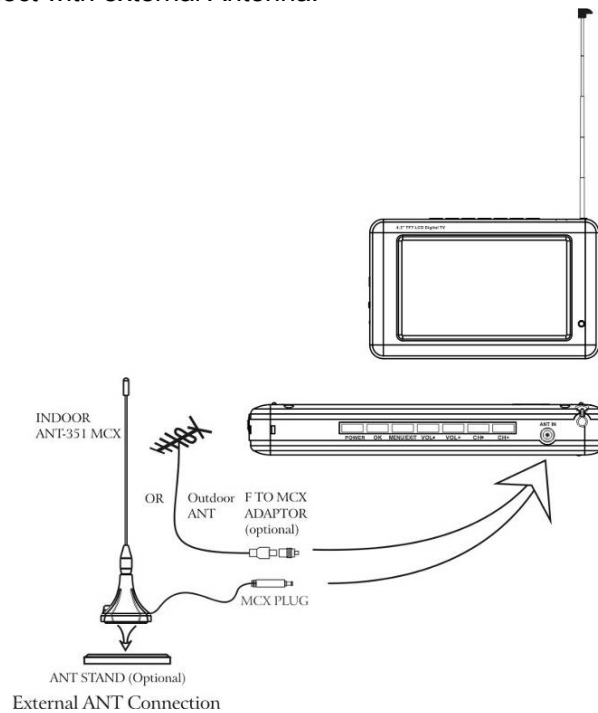
- *Red: connected to "BAT+"
- *Yellow: connected to "TEMP"
- *Black: connected to "BAT-"



Starting Antenna Setting

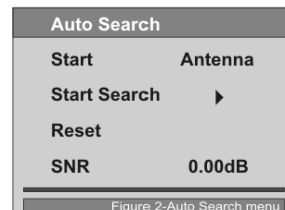
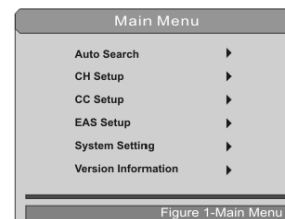
In normal condition, the unit uses only the telescopic Antenna.

If you are located in a weak signal area and get poor reception, you need to use a F to MCX adaptor to connect with external Antenna.



The default is Built-in Antenna.

1. Slide the power switch to the “on” position and press the menu key to go into auto search.
2. The CH+/CH- key also have a multiple function of UP/DOWN; and the VOL+/VOL- key have a multiple function of RIGHT/LEFT.
3. There are 6 items in the main menu for all available settings.



Auto Search

Start Search:

- 1) Press VOL+/OK key to start auto searching process
- 2) Press MENU/EXIT key to stop the searching process.

Note: When auto searching is completed or stopped in auto searching, the following information is displayed.



Reset

Press ok to delete all programs from a memory

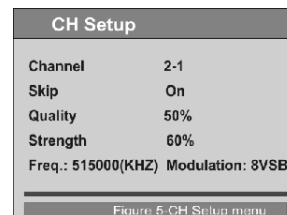
SNR

SNR: Signal Noise Ratio.

CH & CC Setup

CH Setup

1. Select the program in the channel
2. Switch skip status between on or off
3. Quality: Signal quality indicator.
4. Strength: Signal strength indicator.
5. Freq: Receiving frequency.



CC (Closed Caption) Setup

1. CC Display:

Select the closed caption display options: On, Off, default: Off

2. Basic Selection:

Select the CC type options: C1, C2, C3, C4, T1, T2, T3, T4

Default: C1

3. Advanced Selection:

Select the CC type options:

Service 1, Service 2, Service 3,

Service 4, Service 5, Service 6

Default: Service 1

4. CC Mode:

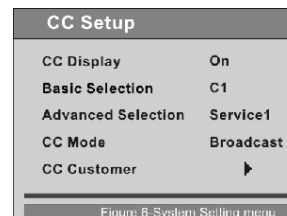
Select the CC mode options: Broadcast, Customer

Default: Broadcast

Notes: when CC Mode is Broadcast, CC Customer is grayed-out and cannot be edited.

5. CC Customer:

Enter the CC Customer sub-menu



CC Customer

CC Customer

1. CC Size:

CC size options: Small, Standard and Large

Default: Standard

2. CC Font:

Select the CC font options: Font 0, Font 1, Font 2, Font 3, Font 4, Font 5, Font 6 and Font 7 default: Font 1

3. CC Opacity:

Select the CC opacity options: Solid, Trnsl, and Trnsp.

Default: Solid

4. CC Color:

Select the CC color options: Black, White, Red, Green, Blue, Yellow, Magenta, and Cyan.

Default: White

5. Edge Color:

Select the Font Edge color options: Black, Gray, Red, Green, Blue, Yellow, Navy and Dark Gray.

Default: Black

6. Edge Type:

Select the Font Edge type options: None, Raised, Depressed, Outline, L.Shadow and R.Shadow.

Default: None

7. Bkgrd. Color:

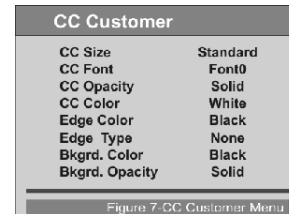
Select the Background color options: Black, Gray, Dark Gray, Red, Navy, Green, Blue and Yellow.

Default: Black

8. Bkgrd. Opacity:

Select the Background color options: Solid, Transparent

Default: Solid

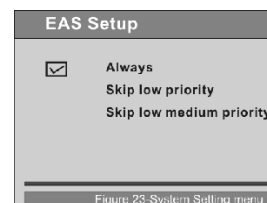


EAS Setup

1. Always: EAS Always on.

2. Skip low priority: EAS skip low priority information.

3. Skip low medium priority: EAS skip low medium priority information.

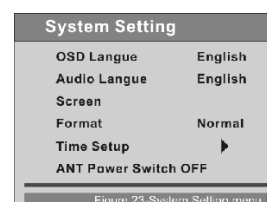


System Setting

System Setting

1. OSD Language: Select the OSD Language options: English, Spanish and French.

Default: English



2. Audio Language: Select the Audio Language options: English, Spanish and French.
Default: English
3. Screen: Aspect Ratio can be set as 16:9 or 4:3
Default: 16:9
4. Format:
Select the Format options: Normal, Zoom.
Default: Normal
5. Time Setup: Enter Time Setup menu
 - 1) Clock:
Note: the Clock displays the current time from programs
 - 2) Time Zone:
Select the Time Zone options: Eastern, Samoa, Hawaii, Alaska, Pacific, Mountain, Central, Atlantic, Newfoundland. *Default: Eastern*
 - 3) Daylight Saving:
Switch the Daylight Saving between on and off. *Default: off*
6. Ant power switch:
Switch ANT power supply between on and off. *Default: off*
Note: Select “on” to turn on the 5V power supply for active antenna. If ANT circuit is short, the ANT power supply will turn off automatically. Select “off ” for NON-active antenna.

Version Information

You can be provided with system software information including version, Date, Flash.
Press: “MENU/EXIT” key to return to previous menu.

Version Information	
Version:	1.7 OL-DTN312HO1
DATE:	2009.3.24
FLASH:	EON

Figure 24-Time Setup menu

Other Functions

1. Program List:
Enter channel in the program list.
Select item in the program list.
2. Volume
 - 1) Vol+/Vol- key: Increase or decrease Volume value.
Hold down Vol+/Vol- key to increase or decrease Volume value continuously.
 - 2) Options: 0-40

Program List		
CH.	Name	Skip
2-1	WGB-SD	On
2-2	PBS-HD	On
2-10	WGBH-DX	Off

Figure 25-Program List menu


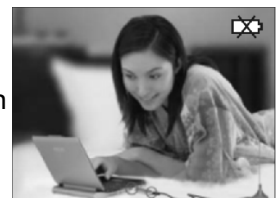
Volume	20
	

Figure 29-Volume menu

Battery Low Indicator

During the use of this unit with battery, there will be a RED BATTERY FLASH on the upright corner when battery is low; the unit will shut down automatically after 10 seconds. Please charge with power adapter



as soon as possible. (Slide power switch to ON/CHARGE position)

Specifications

LCD Panel Spec.

No.	Item	Specification
1	LCD size	4.3 inch(Diagonal)
2	Resolution	480X272
3	Display mode	Normally black
4	Dot pitch	0.198(H)X0.198(V)
5	Active area	95.04(H) X53.856(V)
6	Pixel configuration	R.G.B Vertical stripes
7	Interface	Digital
8	Viewing angle (CR \geq 10)	Up/Down 80° Right/Left 80°
9	Luminance	150cd/m ² min

Battery Spec.

Capacity	2000 mAH
Rated Voltage	3.7V
Discharging Time	About 1.5 hour
Charging Time	About 4.5 hour
Charging Current	550mA MAX.

Specifications

Tuner:

RF Input	FULL BAND 57MHz ~ 803MHz
Input Impedance	75 Ω
Signal Level	-83dBm ~ -15dBm
Connector Type	F Terminal
Channel Band Width	6M

Demodulator

Standard	ATSC A/52
Demodulation	ATSC-8VSB

Video Decoder

Standard	MPEG-2 MP@HL
Transport Stream	ISO/IEC 13818-1 MPEG-2
Video Display Format	16:9/4:3
Video System	NTSC
Video Output	1 \pm 0.3Vpp
Video Resolution	720*480i@30fps

Audio Decoder

Standard	ISO/IEC 11172-3
Audio Decoder	MPEG-1 audio Layer II
Audio Channel	Stereo
Audio language	Selectable if available
Audio Output	1Vpp 47K Ohm Adjustable With E Volume

Specifications

Physical specifications:

Power consumption: DC5V 1.5A

Operation temperature: -10°C~50°C

Storage temperature: -20°C~65°C

Weight (Net): 0.21 kg (APP.)

Size: 135 (W) x 82 (H) x 19 (D) mm

Other Notes:

Static or other external interference may cause the player to behave abnormally. If this occurs, unplug the power-supply cord from the outlet and plug it in again to reset the player. If the problems persist, then please disconnect the power and consult a qualified technician.



We are seriously concerned about environmental protection, and we hope that you share our concern as well. For more information regarding our recycling program, please visit us at <http://www.eviant.com/green> or call us at 1-888-935-4396