## **NS-xV17 1.7" Color TFT UI Specification**

### Version History

- (1) Rev 0.1 2007-06-05 1) GUI First Release
- (2) Rev 0.2 2007-06-27 1) Revised UI image.

## 1.Basic Specification

(1)Key - Total 12 Key







Main KEY

Power KEY

Rating KEY

Na	Kay Nama	Basic Function		
No.	Key Name	Short	Long	
1	Menu	Main Menu	Menu(Resume)	
2	Play(OK)	Play, Pause		
3	FF(Next) >	FF	Fast Skip	
4	REW(Previous) <	REW	Backward Skip	
5	UP ^	Contents List		
6	DOWN ∨			
7	Right Wheel	Volume(List) Up		
8	Left Wheel	Volume(List) Down		
9	Power	Power On/Off	Reset	
10	Special Function	Popup Menu		
11	Rating Up	Rating Up		
12	Rating Down	Rating Down		

### 13. Hold Key

## (2) Design













### (3) LCD

### 1) Color

- 320 × 240 Dot 262K QVGA Color TFT LCD

### 2) UI



### (4)Supported Contents

	Contents	Format	Specification
		МР3	MPEG1/MPEG2/MPEG2.5-LAYER3, 8kHz~48kHz, 8kbps~320kbps
1		WMA	WMA8/WMA9, 8kbps~160kbps
	Music	OGG	$Q0 \sim Q10$
		WAV	PCM 48KHz, 16bit
		WMA Ext	WMA Pro, Lossless
2	Video	MPEG4	Simple Profile (100kbps, 15fps)
		Format2	ACELP.net (8.5kbps, 8KHz)
3	Audible Books	Format3	ACELP.net (16kbps, 16KHz)
		Format4	MP3 ( 32kbps, 22.05KHz)
4	Rhapsody Channel	WMA	
5	Photo	JPEG	without Progress JPEG
7	FM	USA	87.5MHz~108MHz, 100KHz Step

### (5)New Features

	Function	Remarks
1	Delete File	Deletion of files in the Library at the following levels: Track, Album and Artist
2	Bookmark	Bookmarks for Audio. Video and Audible Bookmarks are still pending.
3	Photo Slide Show	
4	RBDS	PS, RT, PTY Display

### 2.Menu Tree

	Menu 11				
-	n Menu	•			
1	Now Play				
2	Music Lib	•			
3					
4	Rhapsod	_			
5	Audible E	Books			
6	Video				
7	Photo				
8	FM Radio	)			I
			Repeat		Off/1/Shuffle/All/All Shuffle
			Equalizer		Off/Rock/Jazz/Classic/Pops/Custom
		Audio	A- B Repeat		Off/On
			Video Scan Mute		Off/On
			Resume		Off/On
			Enable		Off/On
			Search		
		Bluetooth	Device List	Connect	
				Disconnect	
				Delete	
			Menu Style		Circle Style/ Matrix Style
			Background		Navy Blue/ Yellow Green/Deep Magenta/Dark Gray/ Blue Mist
		Display	Brightness		Level 1~8
			Rotation		Right- Hand/Left- Hand
			Backlight		Off/2/5/10/30Sec/1/3Min/Always On
9	Settings		LCD		Off/On
		FM & RBDS	FM Preset Add		
			FM Preset Delete		
			FM Auto Scan		
			FM Stereo		Mono/Stereo
			RBDS Enable		Off/On
		Information			Firmware/Memory/System/License
			Language		English/French/Spanish
		System	Erase Internal Memory		Yes/No
			Erase External Memory		Yes/No
			Initialize		Yes/No
			Auto Power Off		Off/30Sec/1/3/5/10Min
		Time	Sleep		Off/10/20/30/60/90/120Min
		mic	Set Time		
			Slide Show		Off/2/5/10/30/60Sec

### 3.Music Mode

### (1)Now Playing

- Now Playing: Displays current Contents being played.
- Now Playing Contents are:
  - 1) Music
  - 2) Video
  - 3) Audible Books
  - 4) Rhapsody Channel

### (2)Idle(Pause) Mode

### 1)Key Function

NI.	Key Name	Basic Function		
No.		Short	Long	
1	Menu	Main Menu	Menu Mode(Resume)	
2	Play(OK)	Play Mode	Searching mode	
3	FF(Next) >	Next Track	Fast Next Track	
4	REW(Previous) <	Previous Track	Fast Previous Track	
5	UP ^	UI Change & Now Playing List		*
6	DOWN ∨			
7	Right Wheel	Volume Up		
8	Left Wheel	Volume Down		
9	Power	Power On/Off	Reset	
10	Special Function	Popup Menu		
11	Rating Up	Rating Up		Except audible,
12	Rating Down	Rating Down		video files

<sup>\*</sup> UI Change & Now Playing List : Toggle Now Playing Screen(Pause, Play) => Full Screen Album Art(when album art is present) => Artist Information(Only Rhapsody Channel) => Now Playing List

#### 2)Timer Function

- Idle Auto Power Off
- Track or Artist or Album title scroll
- Back Light Off: Two level

### 3)UI

- **1** Mode Icon
- 2 Track Name
- **3** Artist Name
- **4** Album Name
- **5** Current Track Number
- **6** Total Track Number
- **7** Play Time
- **8 Total Time**
- **9** Battery Level
- 10 Repeat
- 11 Progress Bar
- ② Album jacket
- **3 Current Time**
- (Music, Rhapsody Channel)
- **15** Bluetooth Status Icon

### \* Pause Screen



### 4)Popup Menu

- ① Resume Play
- 2 Save Bookmark
- **3** Load Bookmark
- **4** Delete Now Playing

### (3)Play Mode

### 1)Key Function

NI.	Kay Nama	Basic Function		
No.	Key Name	Short	Long	
1	Menu	Main Menu	Menu Mode(Resume)	
2	Play(OK)	Pause Mode	Search Mode	
3	FF(Next) >	Next Track	Fast Next Track	
4	REW(Previous) <	Previous Track (within 5Sec) Start of this track(after 5Sec)	Fast Previous Track	
5	UP ^	UI Change & Now Playing List		
6	DOWN V	A - B Repeat A/B/Off		
7	Right Wheel	Volume Up		
8	Left Wheel	Volume Down		
9	Power	Power On/Off	Reset	
10	Special Function	Popup Menu		
11	Rating Up	Rating Up		Except audible,
12	Rating Down	Rating Down		video files

#### 2)Timer Function

- Track or Artist or Album title scroll
- Back Light Off : Two level

### 3)UI

- **1** Mode Icon
- 2 Track Name
- **3** Artist Name
- **4** Album Name
- **5** Current Track Number
- **6** Total Track Number
- **7** Play Time
- **8 Total Time**
- 9 Battery Level
- 10 Repeat
- 11 Progress Bar
- **12** Album jacket
- **3** Current Time
- (4) Rating (Music, Rhapsody Channel)
- **15** Bluetooth Status Icon

### 4)Popup Menu

- 1 Resume Play
- 2 Save Bookmark
- **3 Load Bookmark**
- **4** Delete Now Playing

\* Play Screen



- \* Rating Key : Pressing Rating Key Up / Down will change Ratings (excluding Audible Contents)
- \* Special Function Key : Popup Menu
- \* Supports up to 20 bookmarks.
- \* Search Mode : Entering Search Mode pauses the unit.

  Navigate with Wheel Key to FF/REW to wanted time.

### (4)Now Playing List

1)Key Function

No.	Kay Nama	Basic Function		
NO.	Key Name	Short	Long	
1	Menu	Main Menu	Menu Mode(Resume)	
2	Play(OK)	Play Current Select Track		
3	FF(Next) >			
4	REW(Previous) <			
5	UP ^	Exit Now Playing List		
6	DOWN V			
7	Right Wheel	Down List Item		
8	Left Wheel	Up List Item		
9	Power	Power On/Off	Reset	
10	Special Function	Popup Menu		
11	Rating Up			
12	Rating Down			

### 2)Timer Function

- Track or Artist or Album title scroll

- Back Light Off : Two level

### 3)UI

- ① Mode Icon
- **2** Battery Level
- **3 Current Time**
- **4** Repeat
- **5** Now Playing List
- **6** Bluetooth Status Icon

### 4)Popup Menu

- **1** Resume Play
- **2** Delete from list

<sup>\*</sup> Now Playing List is not made an array of Alphabet.

### (5)Rhapsody Channel UI

### 1)Key Function

Na	Kay Nama	Basic Function		
No.	Key Name	Short	Long	
1	Menu	Main Menu	Menu Mode(Resume)	
2	Play(OK)	Pause Mode		
3	FF(Next) >	Next Track	Fast Next Track	
4	REW(Previous) <			
5	UP ^	UI Change & Now Playing List		
6	DOWN V			
7	Right Wheel	Volume Up		
8	Left Wheel	Volume Down		
9	Power	Power On/Off	Reset	
10	Special Function	Popup Menu		
11	Rating Up	Rating Up		Except audible,
12	Rating Down	Rating Down		video files

### 2)Timer Function

- Track or Artist or Album title scroll

- Back Light Off: Two level

### 3)UI

- ① Mode Icon
- 2 Track Name
- **3** Artist Name
- **4** Album Name
- **5** Play Time
- **6** Total Time
- **7** Battery Level
- **® Progress Bar**
- 9 Album jacket
- **10** Current Time
- **11) Rhapsody Channel Information**
- **12 Volume Level**
- **13** Rating (Music, Rhapsody Channel)
- **14** Bluetooth Status Icon

### 4)Popup Menu

- 1 Add to Library
- 2 Buy Track

### 5)Artist Information

NIa	Kov Namo	Basic Function		
No.	Key Name	Short	Long	
1	Menu	Main Menu	Menu Mode(Resume)	
2	Play(OK)	Pause Mode		
3	FF(Next) >	Next Track	Fast Next Track	
4	REW(Previous) <			
5	UP ^	UI Change & Now Playing List		
6	DOWN V			
7	Right Wheel	Artist information Scroll		
8	Left Wheel	Artist information Scroll		
9	Power	Power On/Off	Reset	
10	Special Function	Popup Menu		
11	Rating Up			
12	Rating Down			

### 6)Add to Library

- Current track will be added to the Music Library.

### 7) Buy Track

- Current track will be purchased after a Resync.

### 4.FM Mode

### 1)Key Function

NI -	Vov Nome	Basic Function	Basic Function		
No.	Key Name	Short	Long		
1	Menu	Main Menu	Menu Mode(Resume)		
2	Play(OK)	Preset Add	FM Recording		
3	FF(Next) >	Frequency Up	Search FM Station (Up)		
4	REW(Previous) <	Frequency Down	Search FM Station (Down)		
5	UP ^	Preset Up	Fast Preset Up		
6	DOWN V	Preset Down	Fast Preset Down		
7	Right Wheel	Volume Up			
8	Left Wheel	Volume Down			
9	Power	Power On/Off	Reset		
10	Special Function	Popup Menu			
11	Rating Up				
12	Rating Down				

### 2)Timer Function

- Key Check

- Back Light Off : Two level

#### 3)UI

- ① Mode Icon
- **2** Battery Level
- **3 FM Frequency**
- **4** Preset Frequency
- **⑤** Preset
- **6** FM Stereo
- **7** Frequency Bar
- **8 Current Time**
- **10 RBDS PS(Program Service)**
- ① RBDS RT(Radio Text)
- **12 RBDS PTY(Program Type)**

### 4)Popup Menu

- 1 Stereo/Mono
- 2 Auto Scanning

### 5)Operation Description



### 5. Main Menu Mode

\* Graphical Menu will be called as Main Menu

### 1)Key Function

NI.	Var. Nama	Basic Function		
No.	Key Name	Short	Long	
1	Menu	Exit Main Menu Mode		
2	Play(OK)	Select Menu Item		
3	FF(Next) >			
4	REW(Previous) <			
5	UP ^			
6	DOWN ∨			
7	Right Wheel	Menu Item Right Move		
8	Left Wheel	Menu Item Left Move		
9	Power	Power On/Off	Reset	
10	Special Function	Toggle Main Menu Mode		
11	Rating Up			
12	Rating Down			

### 2)Timer Function

- Key Check
- Back Light Off
- Exit Menu Mode

### 3)UI



- Special Function key toggles through different Main Menu screens.

### 6. Menu Mode

### 1)Key Function

NI.	Key Name	Basic Function				
No.		Short		Long		
		Extensible Menu	End Menu			
1	Menu	Main Menu	Main Menu	Main Menu		
2	Play(OK)	List Extension	Popup List			
3	FF(Next) >	Next Items	Next Items			
4	REW(Previous) <	Previous Items	Previous Items			
5	UP ^	List Reduction	List Reduction			
3	DOWN V	List Extension	List Extension			
7	Right Wheel	Menu Item Up	Menu Item Up			
3	Left Wheel	Menu Item Down	Menu Item Down			
9	Power	Power On/Off		Reset		
10	Special Function	Popup Menu	Popup Menu			
11	Rating Up					
12	Rating Down					

### 2) Timer Function

- Key Check
- Back Light Off
- Exit Menu Mode

### 3) UI





\* Next Items: All Track => Artist => Album => Track => Previous Items: Track => Album => Artist => All Track =>

### 7. Library Mode

- Basic Key Function

NI.	Key Name	Basic Function		
No.		Short	Long	
	Menu	Exit Menu	Main Menu	
	Play(OK)	Play Track		
3	FF(Next) >	Next Items		
1	REW(Previous) <	Previous Items		
5	UP ^	List Reduction		
6	DOWN ∨	List Extension		
,	Right Wheel	Item Up		
3	Left Wheel	Item Down		
)	Power	Power On/Off	Reset	
0	<b>Special Function</b>	Popup Menu		
1	Rating Up			
12	Rating Down			



- \* Popup Menu
- 1 Play
- 2 Resume Play
- 3 Add Now Playing
- 4 Play All
- 5 Add All Now playing
- **6** Delete



### (1)Artist Library

- If you press FF key at the item which has extensible list, the top item at the extended list will be selected as list is extended.
- If you press Special Function key, Popup Menu will be displayed.
  - 1) If you select Play All at Popup Menu, all the Content will be registered on the Now Playing list and pass to the Play screen.
  - 2) If you select Add Now Playing at Popup Menu, the selected Content will be additionally registered on the Now Playing list and back to the previous List.
  - 3) If you select Play at Popup Menu, Selected Content will be registered on the Now Playing list and pass to the Play screen.

4) If you select Exit at Popup Menu, just back to the previous List.

Na	Key Name	Basic Function			
No.		Short		Long	
		Track	Non Track		
1	Menu	Cancel & Exit Popup Mer	ıu	Main Menu	
2	Play(OK)	OK & Exit Popup Menu	OK & Exit Popup Menu		
3	FF(Next) >				
4	REW(Previous) <				
5	UP ^	Cancel & Exit Popup Menu			
6	DOWN V				
7	Right Wheel	Item Up			
8	Left Wheel	Item Down			
9	Power	Power On/Off		Reset	
10	Special Function	Exit Popup Menu			
11	Rating Up				
12	Rating Down				



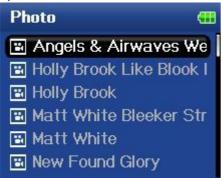
### 8. Photo View

### (1)Photo List

### 1)Kev Function

No.		Basic Function		
	Key Name	Short	Long	
1	Menu	Main Menu	Menu Mode	
2	Play(OK)	Decoding select photo file		
3	FF(Next) >			
4	REW(Previous) <			
5	UP ^			
6	DOWN ∨			
7	Right Wheel	List Down		
3	Left Wheel	List Up		
9	Power	Power On/Off	Reset	
10	<b>Special Function</b>	Popup Menu		
11	Rating Up			
12	Rating Down			

### 2)UI



### 3)Popup Menu

- 1 Background
- 2 Preview mode

### (2)Photo View

### 1)Key Function

	Key Name	Basic Function		
No.		Short	Long	
1	Menu	Main Menu	Menu Mode	
2	Play(OK)	Toggle between zoom in and zoom out		
3	FF(Next) >	Zoom out: Display the next JPEG file file on the selected JPEG file list. zoom in: move right		
4	REW(Previous) <	Zoom out: Display the previous JPEG file on the selected JPEG file list. Zoom in: move left		
5	UP ^	Zoom in : move up Default : Photo List		
3	DOWN V	Zoom in : move down		
7	Right Wheel	Volume +		
3	Left Wheel	Volume -		
9	Power	Power On/Off	Reset	
10	Special Function	Popup Menu		
11	Rating Up			
12	Rating Down			

### 2)UI

- Horizontal view : Default screen



- Vertical view : Picture rotated screen by Popup Menu – vertical image viewing



- Zoom In: Zoom in mode by pressing Play Key



- Screen will move if you press FF, REW, Up, Down key at Zoom Mode, presently shown position is displayed at the position icon below.

3)Popup Menu

- **1** Rotation Photo
- **2** Slide Show
- **3** Background

### 9. Video Play

### (1)Video List

# (2)Video Play 1)Key Function

No.	Key Name	Basic Function		
		Short	Long	
1	Menu	Main Menu	Menu Mode	
2	Play(OK)	Pause	Searching mode	
3	FF(Next) >	Next Movie	Fast Forward Skip	
4	REW(Previous) <	Previous Movie	Fast Backward Skip	
5	UP ^	Now Playing List		
6	DOWN V			
7	Right Wheel	Volume +		
8	Left Wheel	Volume -		
9	Power	Power On/Off	Reset	
10	Special Function	Popup Menu		
11	Rating Up			
12	Rating Down			

### 2)UI





- 3)Popup Menu ① Save Bookmark
- 2 Load Bookmark
- **3** Delete Now Playing

### 10. Audible

### 1)Key Function

NI.	Kov Nome	Basic Function			
No.	Key Name	Short		Long	
1	Menu	Main Menu		Menu Mode(Resume)	
2	Play(OK)	Play/Pause			
3	FF(Next) >	Next Track	Next Track Next Section		
4	REW(Previous) <	Previous Track (within 5Sec) Start of this track(after 5Sec)	Previous Section	Fast Backward Skip	
5	UP ^	Now Playing List			
ĵ	DOWN V	A- B Repeat A/B/Off			
7	Right Wheel	Volume +			
3	Left Wheel	Volume -			
9	Power	Power On/Off		Reset	
10	<b>Special Function</b>	Popup Menu			
11	Rating Up				
12	Rating Down				

### 2)Timer Function

- Track or Artist or Album title scroll
- Back Light Off: Two level

### 3)UI

- ① Mode Icon
- ② Track Name
- **3** Author Name
- **4** Current Track Number
- **5** Total Track Number
- **6** Section Information
- **7** Play Time
- **8 Total Time**
- 9 Battery Level
- 10 Repeat
- 11 Progress Bar
- **12** Book Title
- **3** Current Time
- **14** Next Track Information
- **(5)** Volume Level

**Bluetooth Status Icon** 

### 4)Popup Menu

- ① Section/Track Mode
- 2 Save Bookmark
- **3** Load Bookmark

### **Track Mode**



### **Section Mode**



- \* If you press FF, REW Key at Track Mode, Next or Previous Audible File will be played.
- \* If you press FF, REW Key at Chapter Mode, Chapter will be changed.

# 11.Settings Mode - Basic Key Function

No.	Key Name	Basic Function			
NO.		Short		Long	
		Main, Sub Setting End Setting			
1	Menu	Main Menu	Main Menu	Main Menu	
2	Play(OK)	List Extension	Save Setting (High Setting)		
3	FF(Next) >	Next Items			
4	REW(Previous) <	Previous Items			
5	UP ^	List Reduction	List (Don't save setting)	Fast Up	
6	DOWN V	List Extension		Fast Down	
7	Right Wheel	Item Up			
8	Left Wheel	Item Down			
9	Power	Power On/Off		Reset	
10	Special Function	Popup Menu			
11	Rating Up				
12	Rating Down				

- Settings Structure

.0 S	Settings Audio Bluetooth	Repeat		Off/1/Shuffle/All/All Shuffle	
		Audio	Equalizer		Off/Rock/Jazz/Classic/Pops/Custom
			A- B Repeat		Off/On
			Video Scan Mute		Off/On
			Resume		Off/On
			Enable		Off/On
			Search		
		Bluetooth	Device List	Connect	
				Disconnect	
				Delete	
		Display	Menu Style		Circle Style/ Matrix Style
			Background		Navy Blue/ Yellow Green/ Deep Magenta/Dark Gray/ Blue Mist
			Brightness		Level 1~8
			Rotation		Right- Hand/Left- Hand
			Backlight		Off/2/5/10/30Sec/1/3Min/Always On
			LCD		Off/On
			FM Preset Add		
			FM Preset Delete		
		FM & RBDS	FM Auto Scan		
			FM Stereo		Mono/Stereo
			RBDS Enable		Off/On
		Information			Firmware/Memory/System/License
		System	Language		English/French/Spanish
			Erase Internal Memory		Yes/No

	Erase External Memory	Yes/No
	Initialize	Yes/No
	Auto Power Off	Off/30Sec/1/3/5/10Min
Time	Sleep	Off/10/20/30/60/90/120Min
Time	Set Time	
	Slide Show	Off/2/5/10/30/60Sec

- Timer Function
- Key Check
- Back Light Off
- Exit settings menu

### (1) Settings

1) Audio Settings



### **1**Repeat



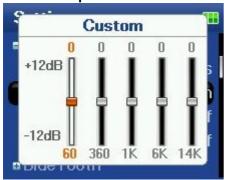
- a) Repeat Off, Shuffle Off
- b) 12 Repeat 1
- c) X Repeat Off, Shuffle On
- d) 🗘 Repeat All, Shuffle Off
- e) C Repeat All, Shuffle On

### ②Equalizer



- If you change EQ, properly set amount will be shown at Graphic Level part.
- If you select FF(Play) Key at Custom EQ Menu, Graphic Level part will be selected.

### - Custom Equalizer



- Play key : Save & Exit custom equalizer menu

- Menu Key: Don't save & Exit custom equalizer menu

- FF, REW Key: Frequency change (60~14KHz)

- Up, Down Key : Level Change (+12  $\sim$  -12dB)

- Wheel Key: Level Change (+12 ~ - 12dB)

### ③A-B Repeat



**4 Video Scan Mute** 

**⑤Resume** 

### 2) Bluetooth Settings



### ①Enable



### 2 Search



Searching for Bluetooth device pop-up window



List of found BT device(s)

### ③Device List



List of found BT device(s)





### 3) Display Settings

### 1)Main Menu



### **4**Brightness



Level 1 : The darkest Level 8 : The brightest

### **5**Rotation



### **6**Backlight



- In case 10 Second is set up :

If there is not any Key input, Backlight will be fade out getting darker to Brightness Level1

### LCD (Dim Backlight)

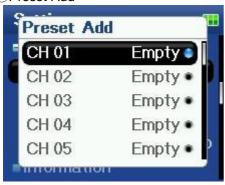


Off: Backlight Turns Off after time out.On: Backlight dims to Level 1 after time out.

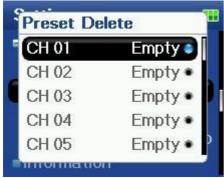
### 4) FM



#### 1)Preset Add



#### 2 Preset Delete



\* You can check if currently stored channel is properly operating by moving to the actual frequency after you change Preset channel by Up Down key.

### 3Auto Scan



- \* if you enter Auto Scanning Mode, you will enter FM Mode from Menu Mode.
- \* Current Frequency status of Frequency Bar is on going and increased Preset channel status is marked.
- \* Once Scanning is completed, make Preset Channel 1 move to Default Frequency if there is not Preset Channel you are looking for.

4 Stereo



- RBDS Enable
- PTY Search

### 5) Information









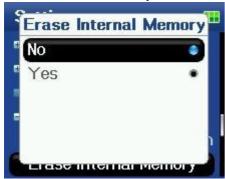
### 7) System



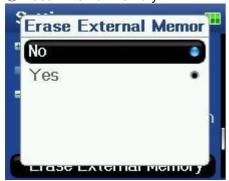
### 1 Language



### ②Erase Internal Memory



### ③Erase External Memory



### $\\ \textbf{4} \\ \textbf{Initialize}$



### 8)Time



### ①Auto Power Off



\* Auto Power Off: Automatically Power Off when there is no key pressing on Idle(pause) Mode

### 2Sleep



③Set Time



Play key : Save & Exit set time menu

Menu Key: Don't save & Exit set time menu

**4** Slide Show

### 12. Warring & Error Message

### (1)USB Connect

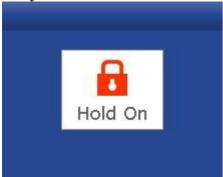






### (3)Etc

### 1)Key Lock



### 2)Booting Logo



### 3)Charging indicator

- While charging, battery icon is scrolled as white color.



- After completion of charging, battery icon is filled with light green color.



### 4)Power Off

Scroll Bar processing time is within 2 seconds.

#### **ATTACHED PAGE**

#### **Cautions**

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 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.

### **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 or more 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.