

## 7.7 Parental Controls

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	Parental Control Settings	Notes
1	System PIN Code Entry	
2	Locks	
3	Channel Locks	
4	USA TV	V-Chip
5	USA Movie	V-Chip
6	Canadian English	
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8	USA "System"	V-Chip
9	Block Unrated Shows	
10	Change PIN	
11	Reset Locks	

### 7.7.0 Parental Controls Requirements

Parental Controls Requirements	Notes
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1	Parental Controls allows user to lock content by ratings or lock by channels.	
2	Parental Controls only applies to content from the Tuner or composite input.	
3	Different from other settings, changes to Parental Controls are not annunciated on the TV.	

### 7.7.1 System Pin Code Menu Access

	Requirements	Notes
1	The System PIN must be confirmed or created to enter Parental Controls submenu.	
2	When Parental Controls is selected, if the System PIN Code has not been entered, then the System PIN pop up displays requiring PIN be set.	
3	If System PIN has been set, then System PIN confirmation pop up displays requiring a confirmation of the set PIN.	
4	If System PIN previously released during power session then confirmation pop up is not displayed again.	
5	If the correct PIN is entered, the Parental Controls menu displays and remains unlocked for the duration of the session (until the next DC cycle).	
6	If the incorrect PIN is entered, error checking indicates the incorrect PIN.	The user can try again or cancel the pop up.
7	After the PIN is entered, changes to parental controls are enabled upon DC cycle of the TV.	

#### 7.7.1.1 System PIN Code Locked Content

	Requirements	SubRequirements for #2	Notes
1	When the user tries to access a locked channel, the content is blanked and muted and a notification displays		Notification is "Channel locked" or "Program locked" and "Enter your 4 digit PIN to unlock."
2	The screen remains black with the notification displayed until:		
3		1.The correct code is entered in the System PIN Code confirmation pop up in the app.	Digits are entered directly from the IR remote, no need to press OK. Or the digit pad is used. Digits are immediately obscured: do not display digit entered. After 4 digits are entered, content released or error notification displays

4		2. The correct PIN is entered from the remote by pressing digits	
5		3. The channel is changed or a different source is selected.	
6		4. The CHANNEL Up/Down keys can be used to change to an unlocked channel.	
7		When PIN is entered the selected content is released, all other content remains locked.	Unlocks only for a specific locked channel or also unlocks specific content with rating?
8	If the incorrect PIN is entered, "Channel locked" or "Program locked", is replaced with "Incorrect PIN. Try again."		
9	Master PIN of 5351 overrides the user System PIN code and then the System Pin Code must be reset.		

#### 7.7.1.2 System PIN Code Locked Content Digit Pad Entry

	Digit Pad Entry Locked Content Condition	Digit Pad Entry Locked Content Requirements	Notes
1	On selection of System PIN, the Digit Pad Entry displays to support the entry of digits for a paired and connected Bluetooth Voice remote.		Also applies to skus that shipped with a Bluetooth Voice remote not yet paired and connected (no digits on the remote).
2	Parental control enabled, screen blanked due to <ul style="list-style-type: none"> <li>channel lock</li> <li>rating lock applies to content</li> </ul>	4 digit PIN displays with digit pad entry. <ul style="list-style-type: none"> <li>Title Channel Locked or Content Locked</li> <li>Instruction above 4 digit PIN is Enter your PIN</li> <li>Cancel button</li> </ul>	
3	All 4 digits in the first row are entered, obscured, and match the set system PIN.	Black screen is removed and the channel/content displays.	
4	All 4 digits in the first row are entered and obscured but do not match the set system PIN.	"Incorrect PIN, try again" notification displays above the PIN entry boxes  highlight returns to the PIN first digit.	

5	Cancel button highlighted.	Press OK, then Up/Down changes channels instead of navigating digit pad.	Notification below Cancel button "Press Up or Down to change the channel."
6	Cancel button highlighted.	If OK not pressed and focus is cancel then press up to go back to Digit pad.	
7	Cancel button highlighted.	If cancel selected so press of UP or Down changes the channel, if user changes channel to a locked channel then Up/Down applies to the digit pad.	

### 7.7.2 Parental Locks

	Parental Locks Setting	Parental Locks Setting Requirements	Notes formerly Locks
1	Off (default)	If Parental Locks is turned Off, then none of the security locks are active.	
2	On	If Parental Locks is turned On then <ul style="list-style-type: none"> <li>all locks which have been set up are enabled and active.</li> <li>content with checked ratings is locked</li> <li>locked content requires a passcode for viewing.</li> </ul>	

#### 7.7.2.1 Parental Locks Requirements

	Parental Locks Requirements	Notes
1	The Parental Locks setting is a master lock that provides a quick and easy way to enable or disable all selected locks.	Each rating and each channel can be locked, allowing the user to set up locks for channels or ratings.
2	If content or channel is locked then <ol style="list-style-type: none"> <li>Screen is blanked with PIN entry and instruction</li> <li>Program name in Info bar replaced with "Channel Locked" or "Program Locked"</li> </ol>	

### 7.7.3 Lock by Channels

	Lock by Channels Requirements	Notes formerly Channels Locks
1	If channels for tuner have been scanned, then every channel in the channel map can be locked.	
2	A list of all channels is displayed with default of unlocked.	A channel is locked if the lock icon to the right is locked. If the lock icon is unlocked, the channel is unlocked.

3	If channels have not been scanned, then channels are not available for locking	
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#### 7.7.4 Lock Shows by Rating

	TV Ratings	Children's Content label	General Audience Content label	Notes formerly USA TV
1	TV-Y	n/a		Identifies a program designed for children of all ages
2	TV-Y7	FV		Indicates a program is intended for children over the age of seven, who are better able to distinguish between make-believe and reality
3		FV		fantasy violence
4	TV- G		DLSV	designates that a program is appropriate for all ages
5	TV-PG		DLSV	indicates a program that warrants parental guidance
6	TV-14		DLSV	Indicates that a program contains material parents may find unsuitable for children under age 14
7	TV-MA		LSV	Denotes a program that is specifically designed for adults and may be unsuitable for children under age 17
8			D	Suggestive dialogue
9			L	Strong language
10			S	Sexual situations
11			V	Violence

##### 7.7.4.1 Lock Shows by Rating requirements

	Lock Shows by Rating requirements	Notes
1	Each rating and content label can be locked or unlocked.	Rating is locked if the lock icon is locked. If the lock icon is unlocked, the rating is unlocked.
2	The default is for all ratings and content labels is unlocked.	
3	When a rating is locked, all ratings with higher age restrictions are also locked.	<p>Examples:</p> <ol style="list-style-type: none"> <li>1. TV-PG is locked, then TV-14 and TV-MA are automatically locked and all associated content labels</li> <li>2. V label is locked for TV-PG (TV-PG is not locked), then the V label is also locked for TV-14 and TV-MA</li> <li>3. TV-PG is locked (therefore TV-14 and TV-MA are locked), if TV-14 is unlocked, then TV-PG is unlocked, TV-MA remains locked.</li> </ol>

### 7.7.5 Lock Movies by Rating

Lock Movies by Rating settings	Notes formerly USA Movie
G	
PG	
PG-13	
R	
NC-17	

#### 7.7.5.1 Lock Movies by Rating Requirements

	Lock Movies by Rating requirements	Notes
1	Each rating can be locked or unlocked.	Rating is locked if the lock icon is locked. If the lock icon is unlocked, the rating is unlocked.
2	Default for all ratings is unlocked.	
3	When a rating is locked, all ratings with higher age restrictions are also locked.	Examples:  1. R is locked, then NC-17 is automatically locked.  2. R is unlocked, then PG-13 is unlocked but NC-17 remains locked.

### 7.7.6 Canadian English

Canadian English Ratings	Notes
C	
C8+	
G	
PG	
14+	
18+	

#### 7.7.6.1 Canadian English Requirements

	Canadian English requirements	Notes
1	Each rating can be locked or unlocked.	Rating is locked if the lock icon is locked. If the lock icon is unlocked, the rating is unlocked.
2	Default for all ratings is unlocked.	
3	When a rating is locked, all ratings with higher age restrictions are also locked.	Examples:  1. 14+ is locked, then 18+ is automatically locked.

	2. 14+ is unlocked, then PG is unlocked but 18+ remains locked.
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### 7.7.7 Canadian French

Canadian French Ratings	Notes
G	
8 ans+	
13 ans+	
16 ans+	
18 ans+	

#### 7.7.7.2 Canadian French Requirements

	Canadian French requirements	Notes
1	Each rating can be locked or unlocked.	Rating is locked if the lock icon is locked. If the lock icon is unlocked, the rating is unlocked.
2	Default for all ratings is unlocked.	
3	When a rating is locked, all ratings with higher age restrictions are also locked.	Examples:  1. 16 ans+ is locked, then 18 ans+ is automatically locked.  2. 16 ans+ is unlocked, then 13 ans+ is unlocked but 18 ans+ remains locked.

### 7.7.8 "SystemName" (DRRT) TV setting only (not included SmartCast Mobile)

	DRRT Requirements	Notes
1	Content broadcast over TV can include Region Rating Table 5 (RRT5) also known as Downloadable Regional Rating Table (DRRT).	
2	Parental control tables for USA and Canada are known and fixed so these tables are always available.	These ratings are included in Parental Controls
3	Due to a patent, only one DRRT system is allowed at a time.	
4	A DRRT can only display if the DRRT system applies to the currently tuned channel. If no DRRT system, then no setting is displayed.	No DRRT system is the most common use case.
5	For "SystemName", the name of the DRRT System is used. For example, for table 03 Taiwan, the DRRT system name of "Taiwan" is used for "SystemName". If 05 USA is the available DRRT, then "SystemName" is the DRRT system name. For example, if for 05 USA the system name is Southwest, then "SystemName" is "Southwest".	

6	If the user locks ratings for the current DRRT, the settings are saved until another DRRT is detected AND a rating locked.	
7	Once a rating is changed for the second DRRT then all data for the first DRRT is deleted.	
8	DRRT can include up to 255 dimensions, each with 15 ratings possible. A scroll bar is added as needed.	The dimension is a descriptor and has no action.
9	A maximum of 6 ratings can display before the next dimension is displayed.	Ratings display before the dimension header.
10	In practice, DRRT is not in use. Test streams have been limited to a couple dimensions with a limited number of ratings.	
11	Each rating can be locked or unlocked independently of other ratings. Default is unlocked.	
12	DRRT is included only in TV sidebar settings, not SmartCast Mobile.	

### 7.7.9 Block Unrated Shows

	Block Unrated Shows Setting	Locks Setting Requirements	Notes
1	Off (default)	If Off, then unrated TV broadcasts and movies are not locked	
2	On	If On then unrated TV broadcasts and movies are locked.	

### 7.7.10 Reset Locks

	Reset Locks Requirements	Notes
1	The Reset Locks setting allows reset of all locks to defaults, clearing all channel or ratings locks to the unlocked state.	