MediaFLO USA

Automotive Interaction Design

Interactive Wireframes | Audiovox

Wed Apr 22 2009

MUX

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MediaFLO User Experience

// Instructions

The following document represents an in-car FLO TV system with headrest rear displays consisting of RCU controls.

This document is clickable and meant to serve as a lo-fi prototype that can communicate roughly how someone would use the in-car system. In order to navigate this document, use your mouse to click on controls.



// Audiovox Headrest Screen

The in-car video package consists of two headrest 7" monitors both containing a built-in DVD player and accessible via remote control. Viewers can watch FLO TV on one or both screens, although two different channels cannot be viewed simultaneously.



Screen flips down for DVD player.



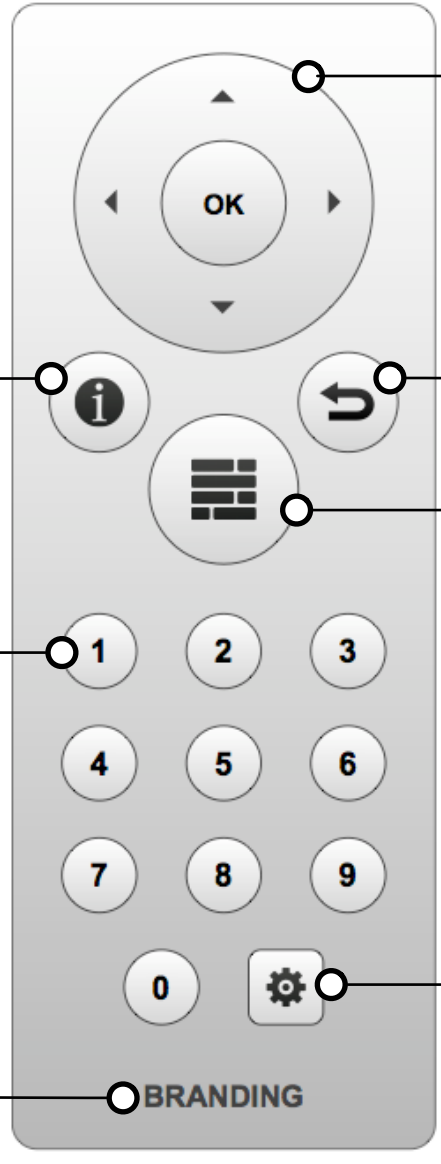
Type TFT Active Matrix LCD
Resolution 1440 (W) x 234 (H)
Pixels 336,960
Video Display System NTSC/PAL

// Audiovox Headset

The wireless headset is used by rear seat passengers to listen to TV audio without distracting others in the car. It is packaged with either an FM transmitter or a direct line out audio connection to the automobile's aux audio in, which is how the driver can play TV audio throughout the cabin of the automobile.



// FLO TV Remote Control Unit | Wireless



D-Pad can be used for channel change (up/down), navigating menus, and selecting items.

Info button allows the user to toggle on/ off channel information and show information. First state is Channel Information, second state is Show Description, and third state is back to TV.

Back button takes the user back one screen when in the Menu, Show Information, Show Description, or Guide. Path ends at full screen TV.

Guide button allows viewer to toggle on/off the FLO TV Program Guide.

Number keys are used for invoking a favorite channel and PIN entry.

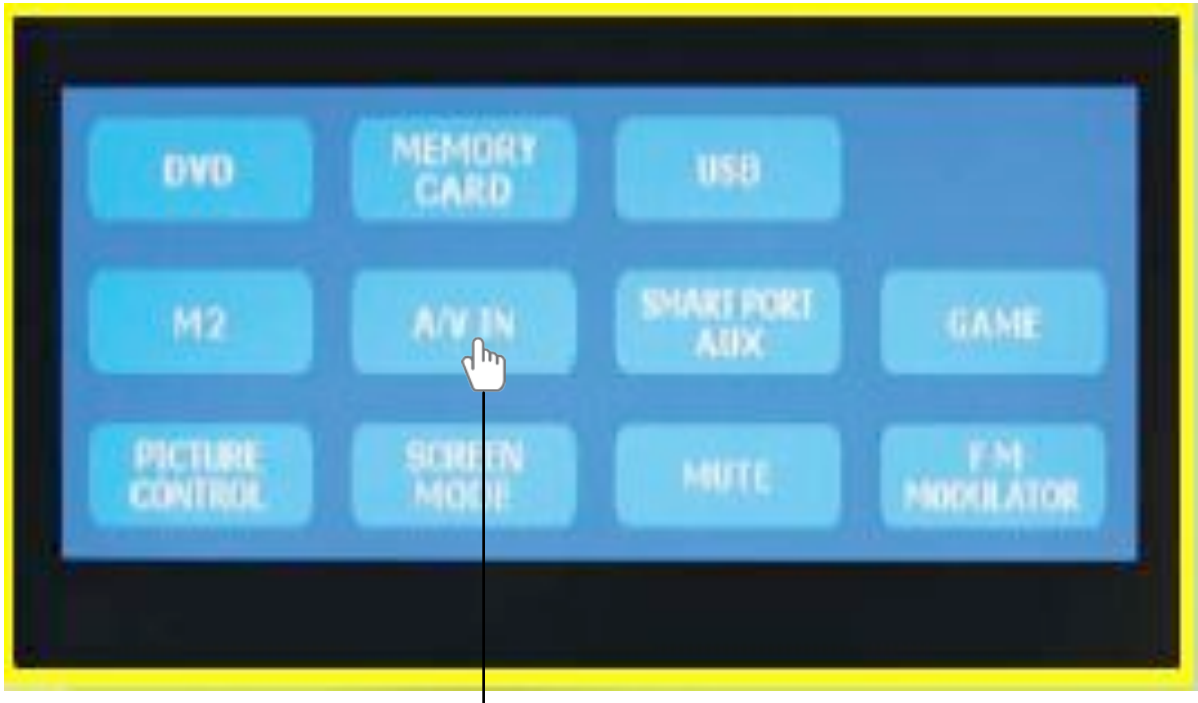
Settings button allows the viewer to toggle on/off the FLO TV settings menu.

Brandable area.

* As currently designed, the tethered RCU duplicates the wireless RCU functionality.

TV

// TV | Launch

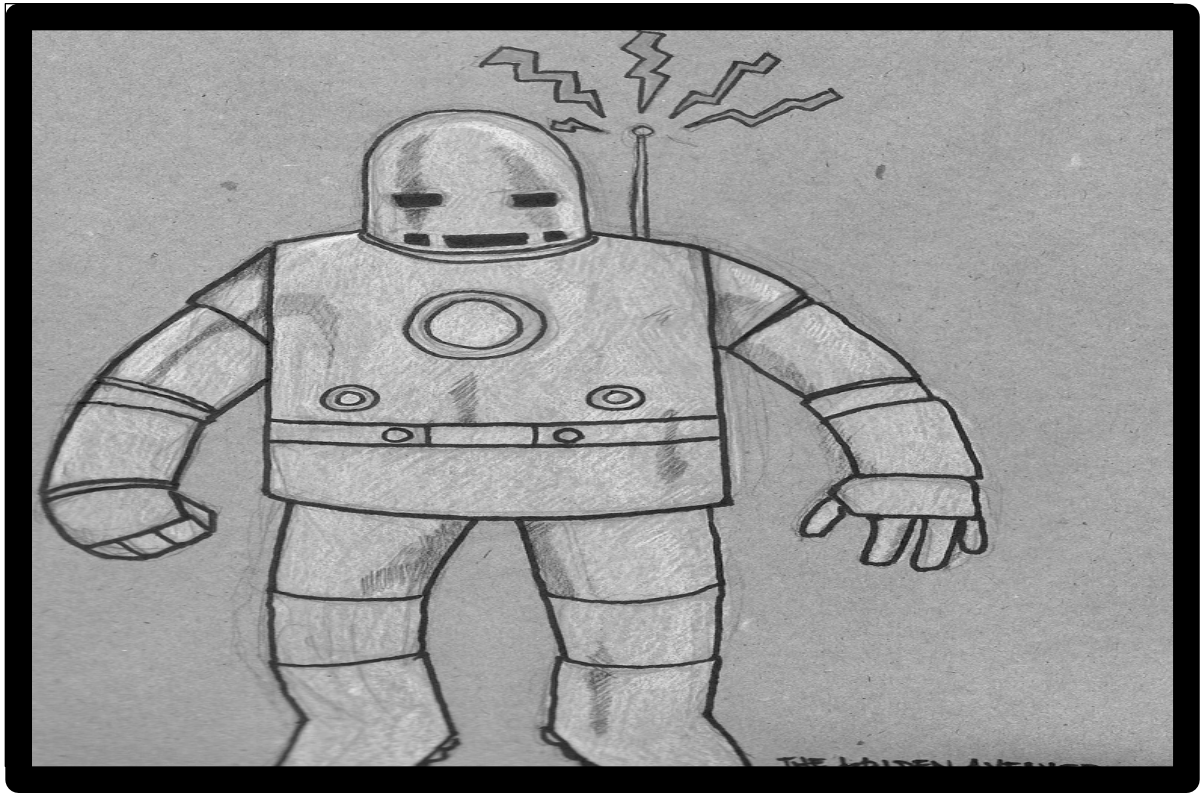


Enter TV Mode

Audiovox Menu Options

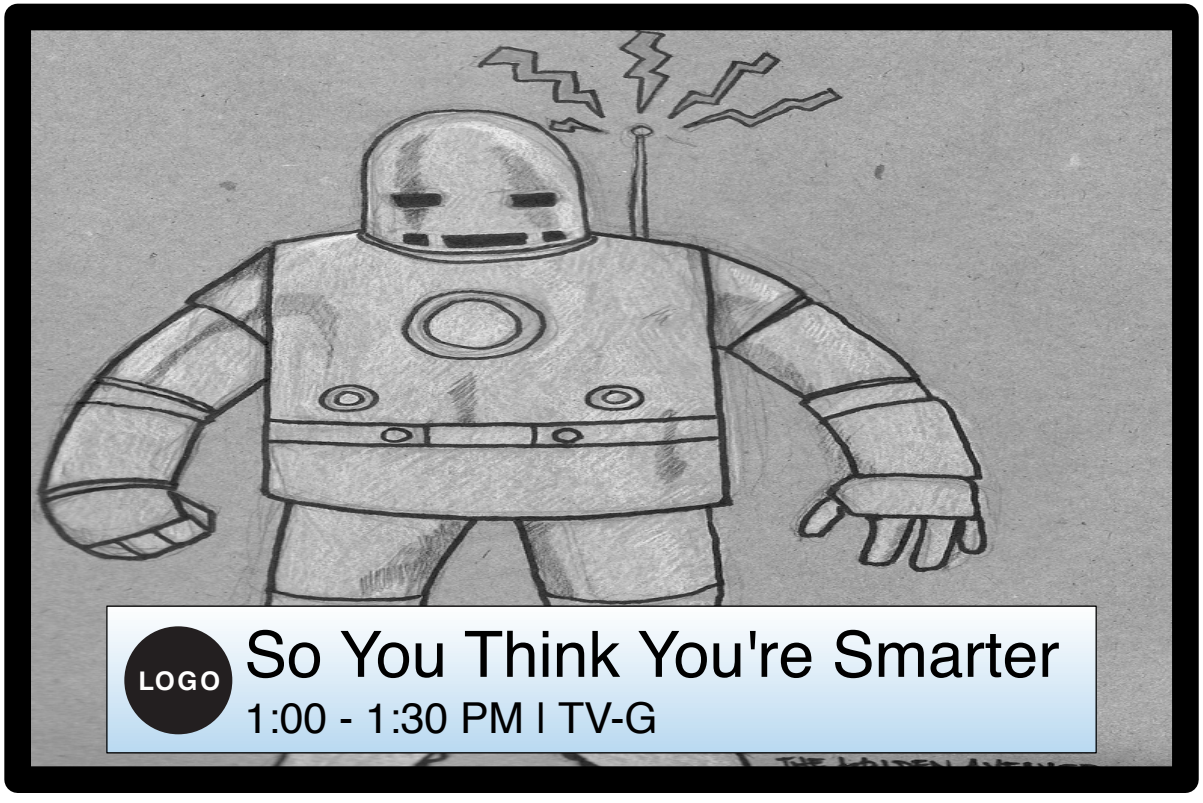
DVD
Memory Card
USB
M2
A/V In
Smart Port Aux
Game
Picture Control
Screen Mode
Mute
FM Modulator

// TV | NBC | Watch Show





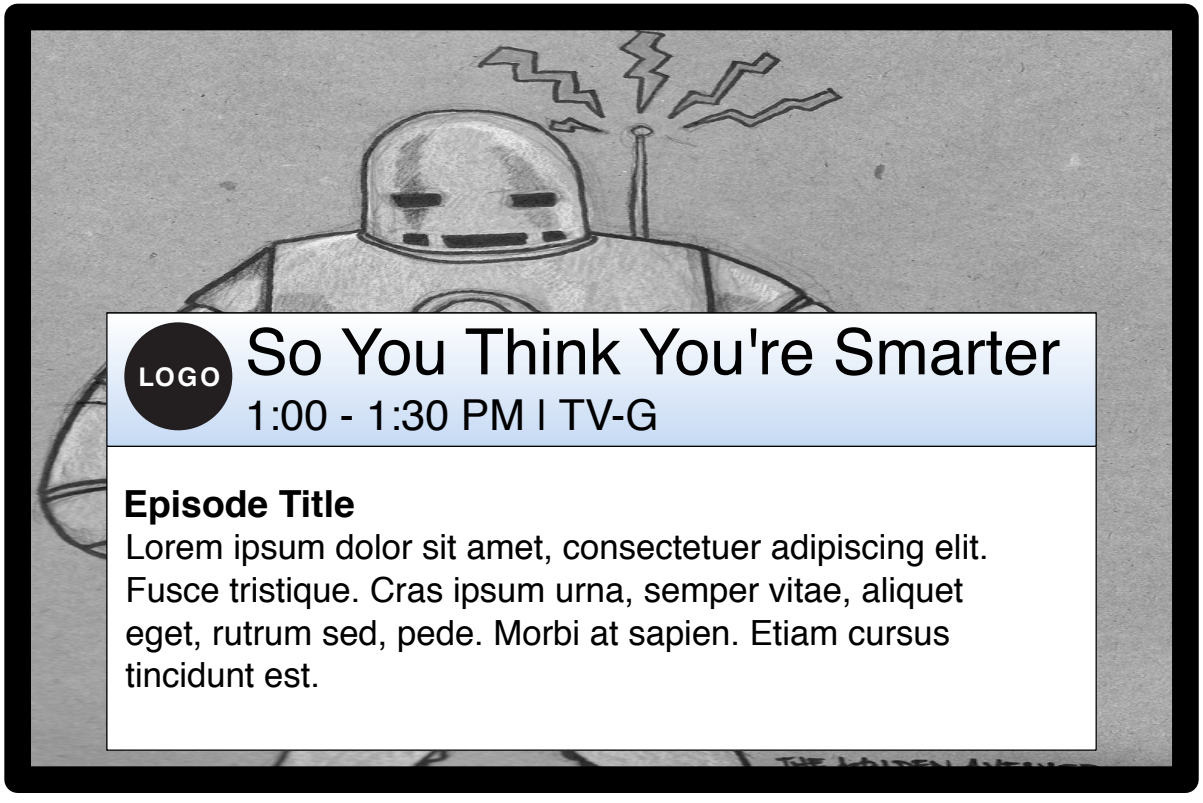
// TV | NBC | Channel Info



Overlay Times Out

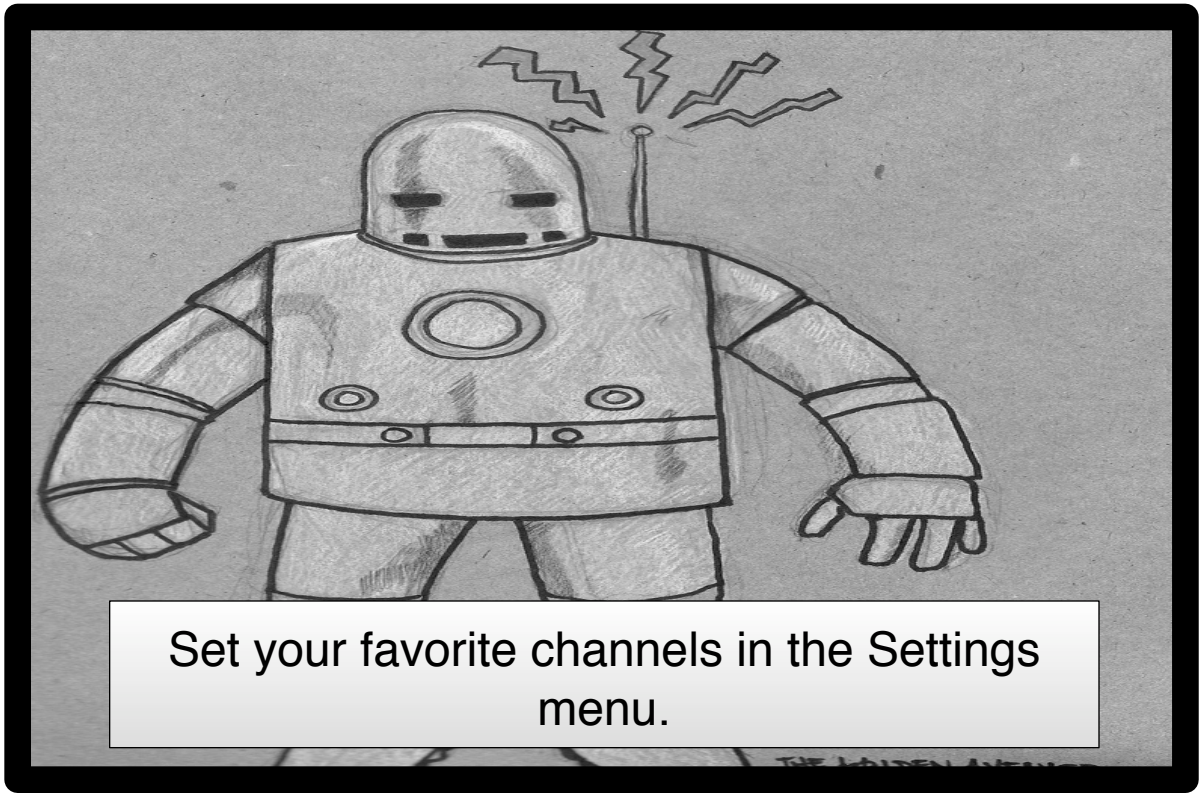


// TV | NBC | Show Info





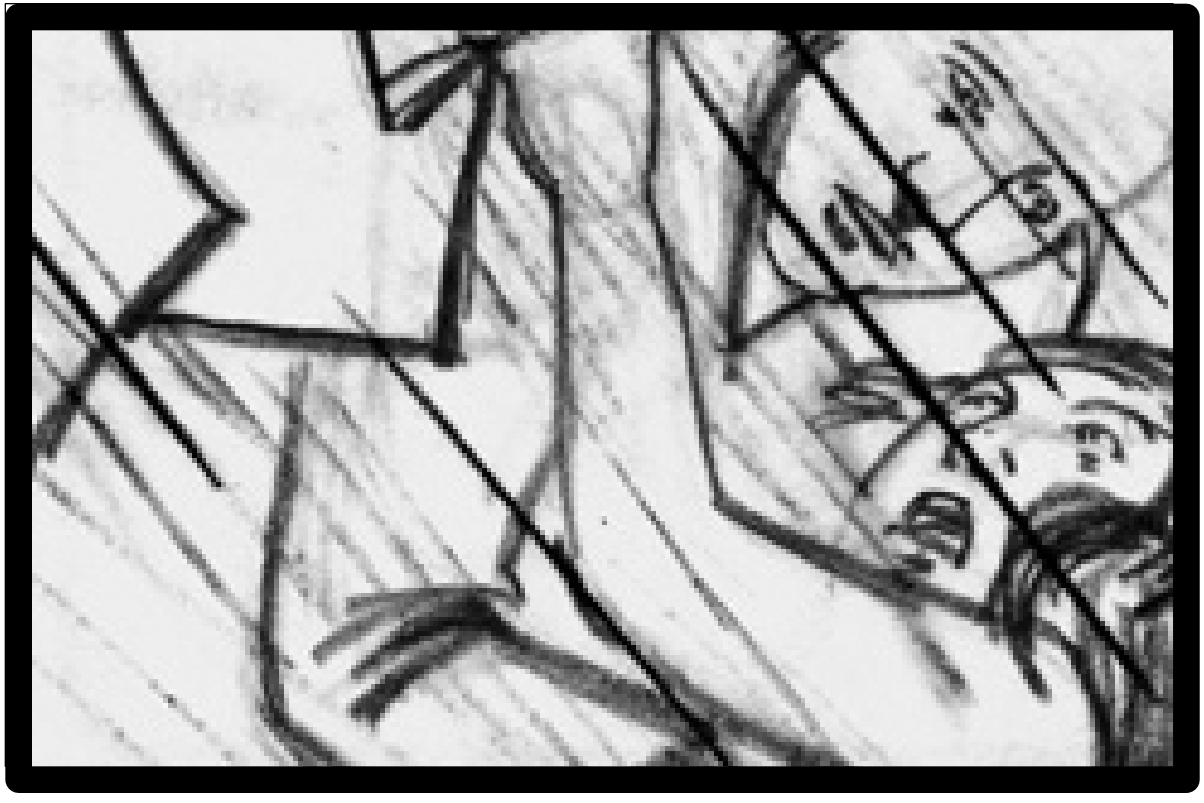
// TV | NBC | Favorite Hint



Overlay Times Out

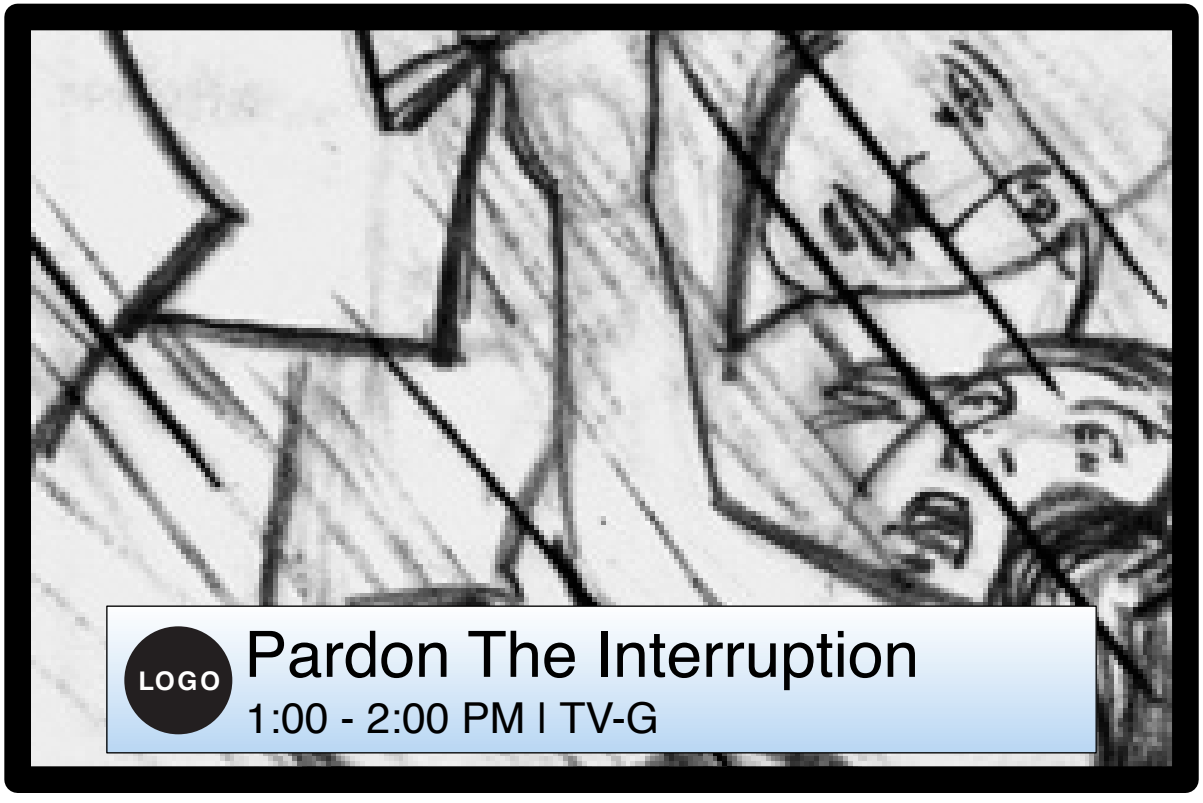


// TV | CBS | Watch Show





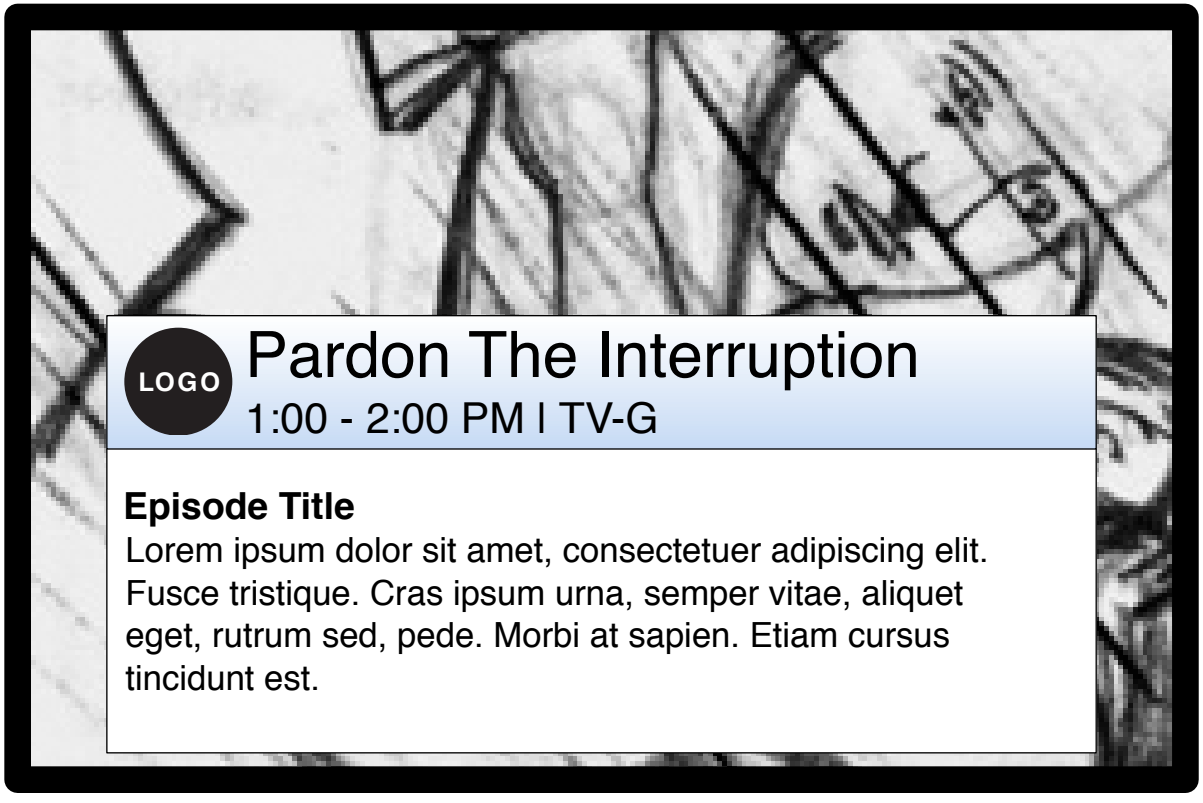
// TV | CBS | Channel Info



Overlay Times Out

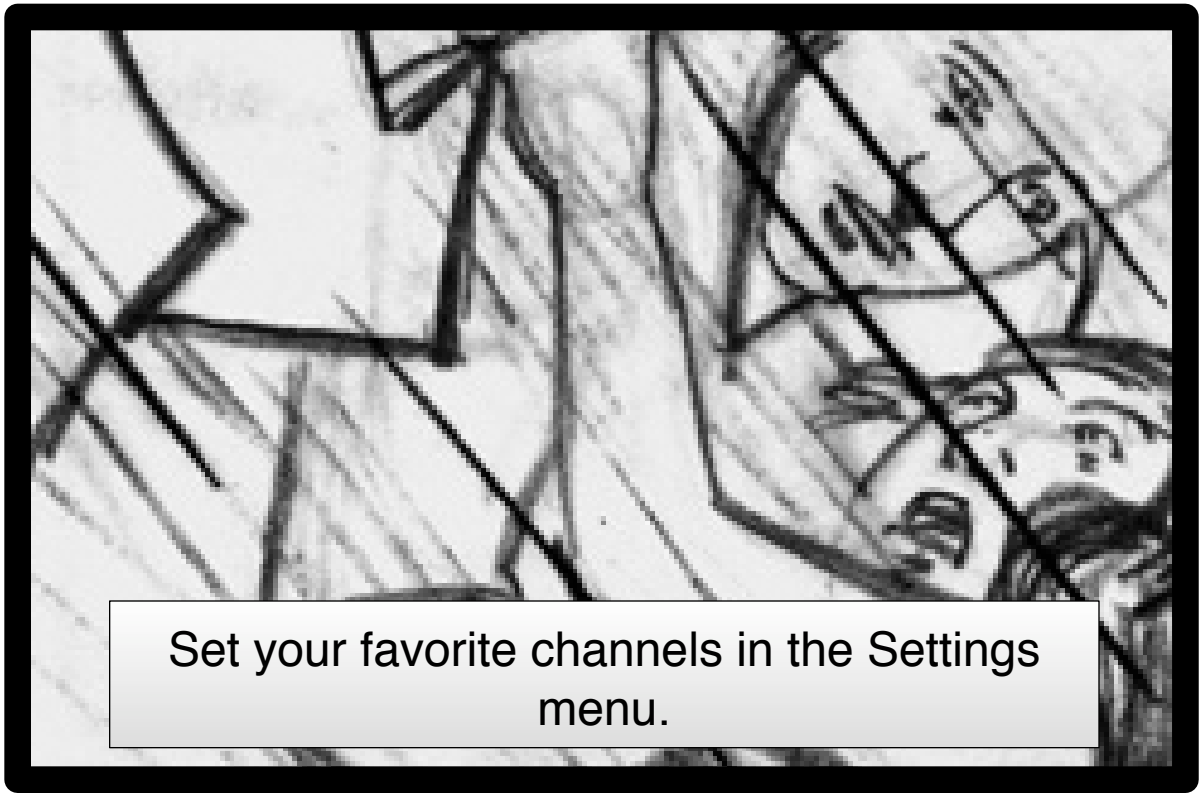


// TV | CBS | Show Info





// TV | CBS | Favorite Hint



Overlay Times Out



// TV | FOX | Watch Show





// TV | FOX | Channel Info



Overlay Times Out

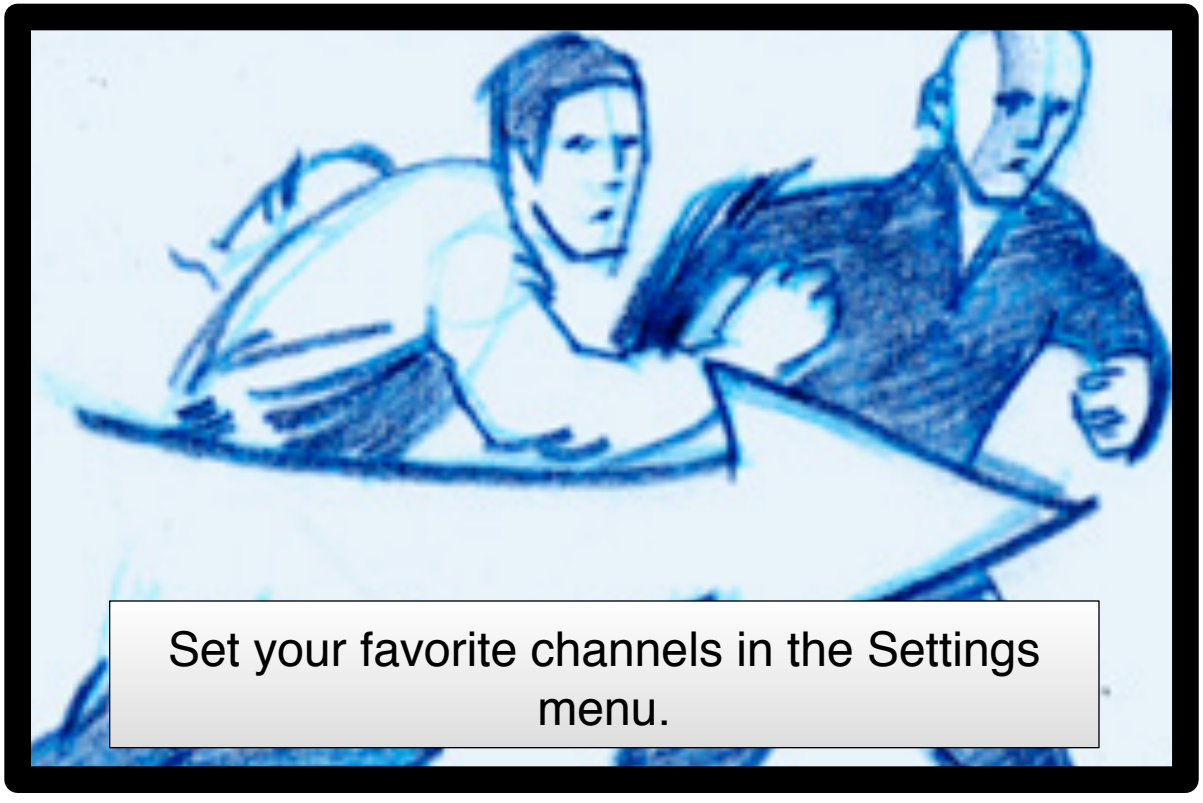


// TV | FOX | Show Info





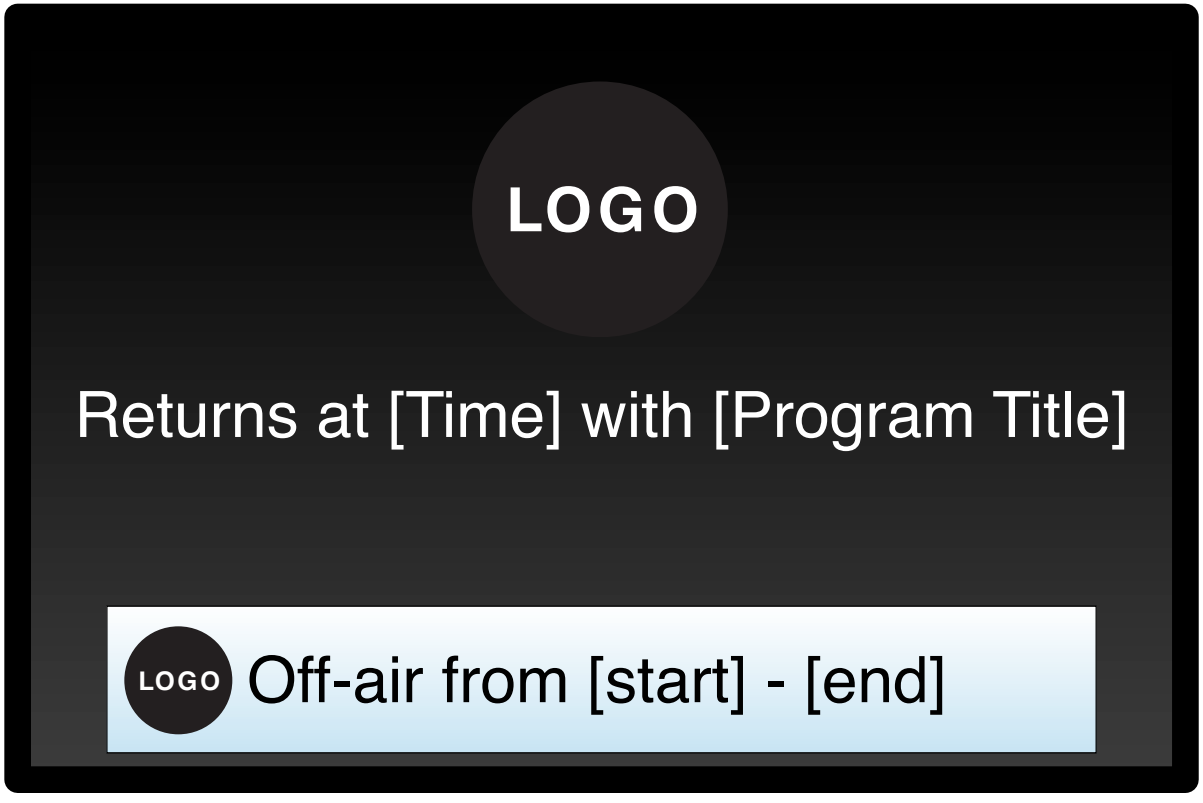
// TV | FOX | Favorite Hint



Overlay Times Out



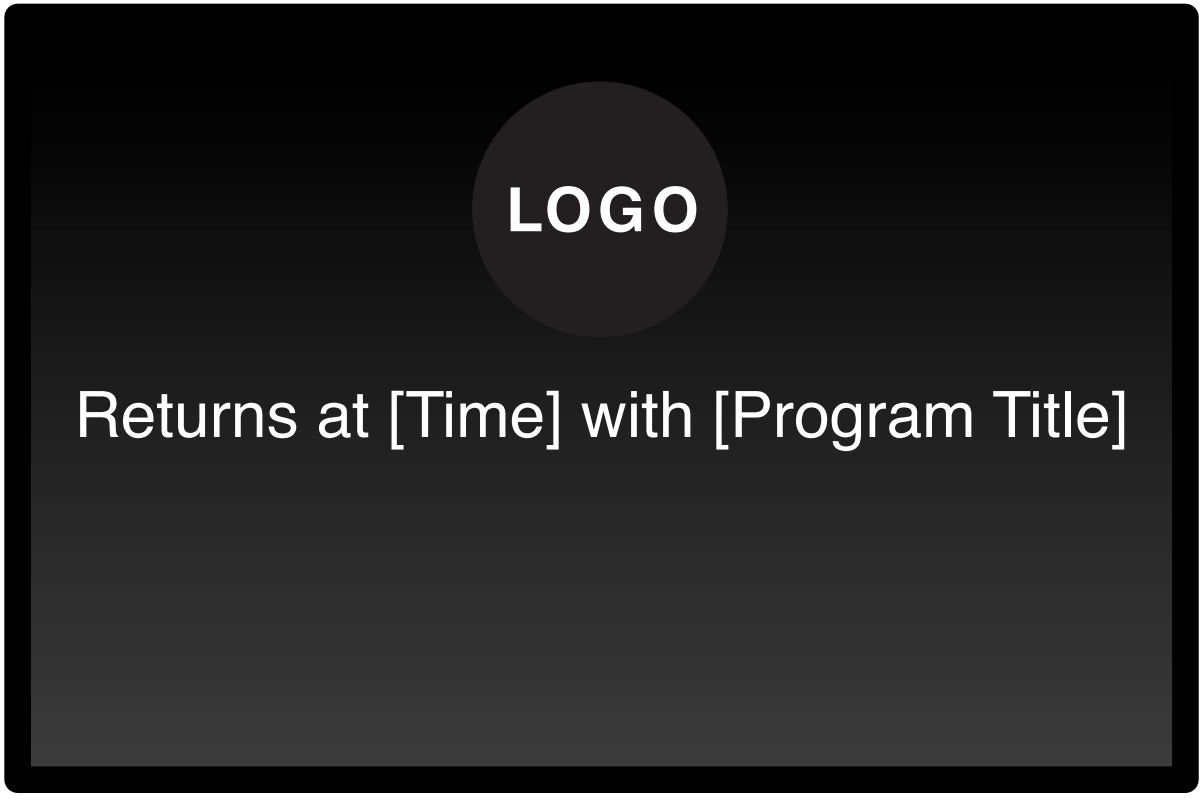
// TV | Off-Air | Channel Info



Overlay Times Out

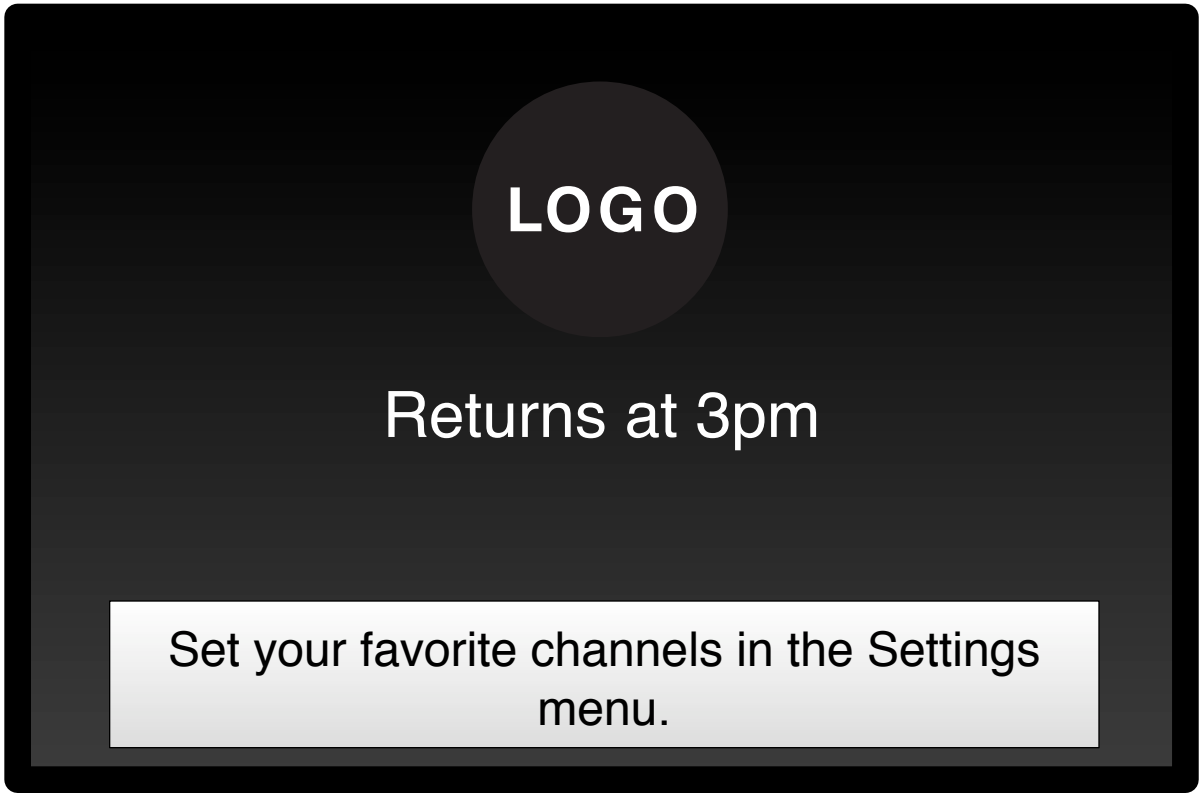


// TV | Off-Air


LOGO
Returns at [Time] with [Program Title]


OK
1
2
3
4
5
6
7
8
9
0
BRANDING

// TV | Off-Air | Favorite Hint

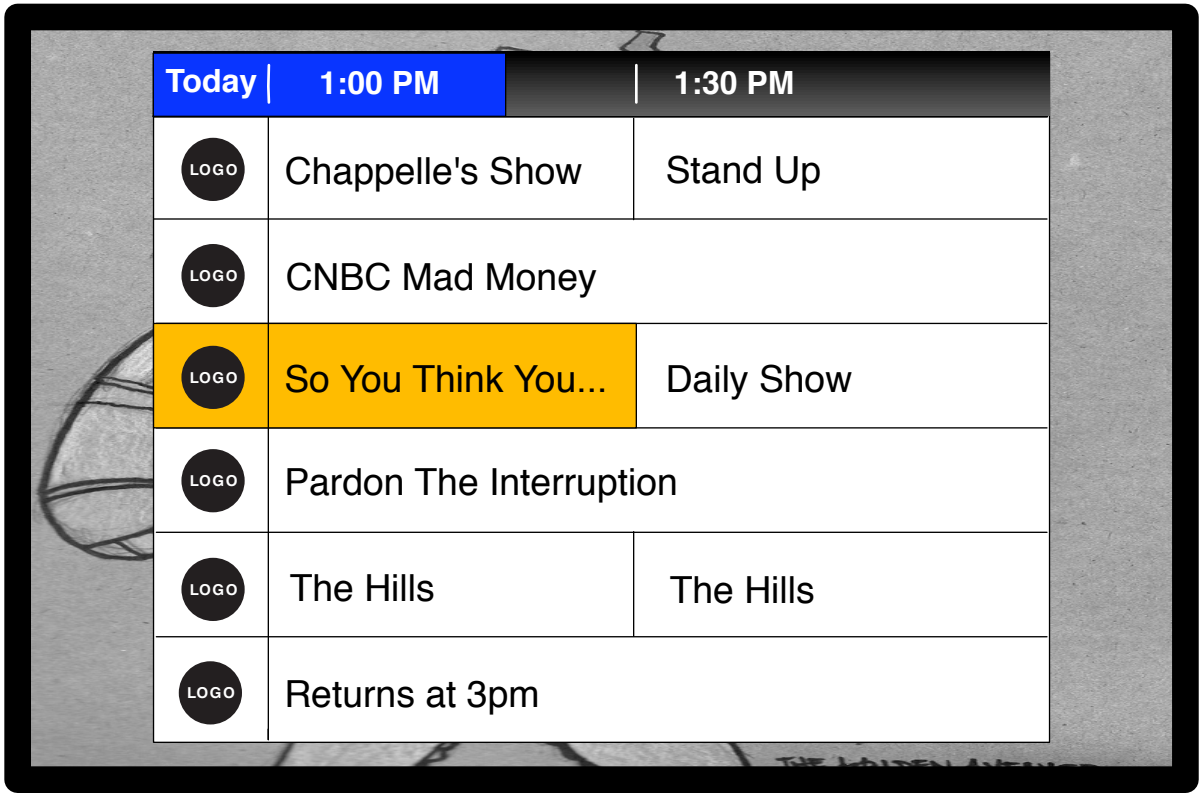






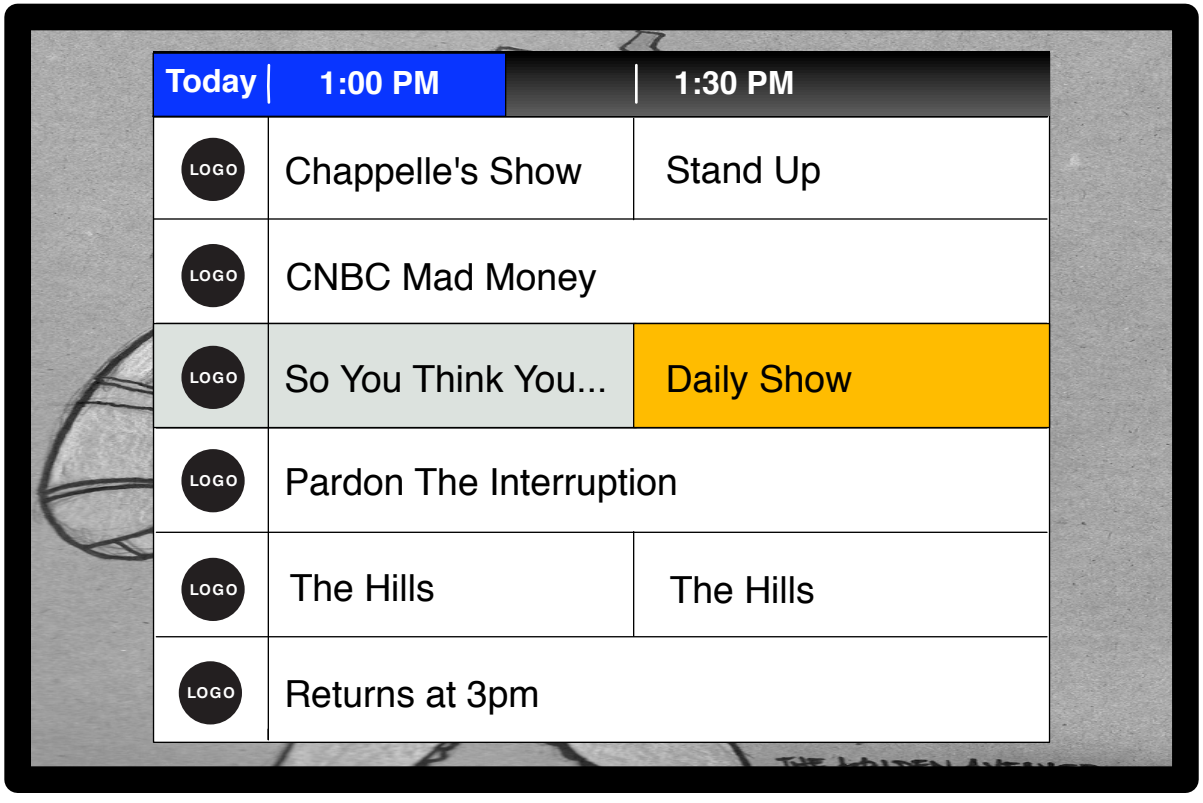
Electronic Program Guide

// TV | EPG


Today
1:00 PM
1:30 PM
LOGO
Chappelle's Show
Stand Up
LOGO
CNBC Mad Money
LOGO
So You Think You...
Daily Show
LOGO
Pardon The Interruption
LOGO
The Hills
The Hills
LOGO
Returns at 3pm


OK
1
2
3
4
5
6
7
8
9
0
BRANDING

// TV | EPG Future Show



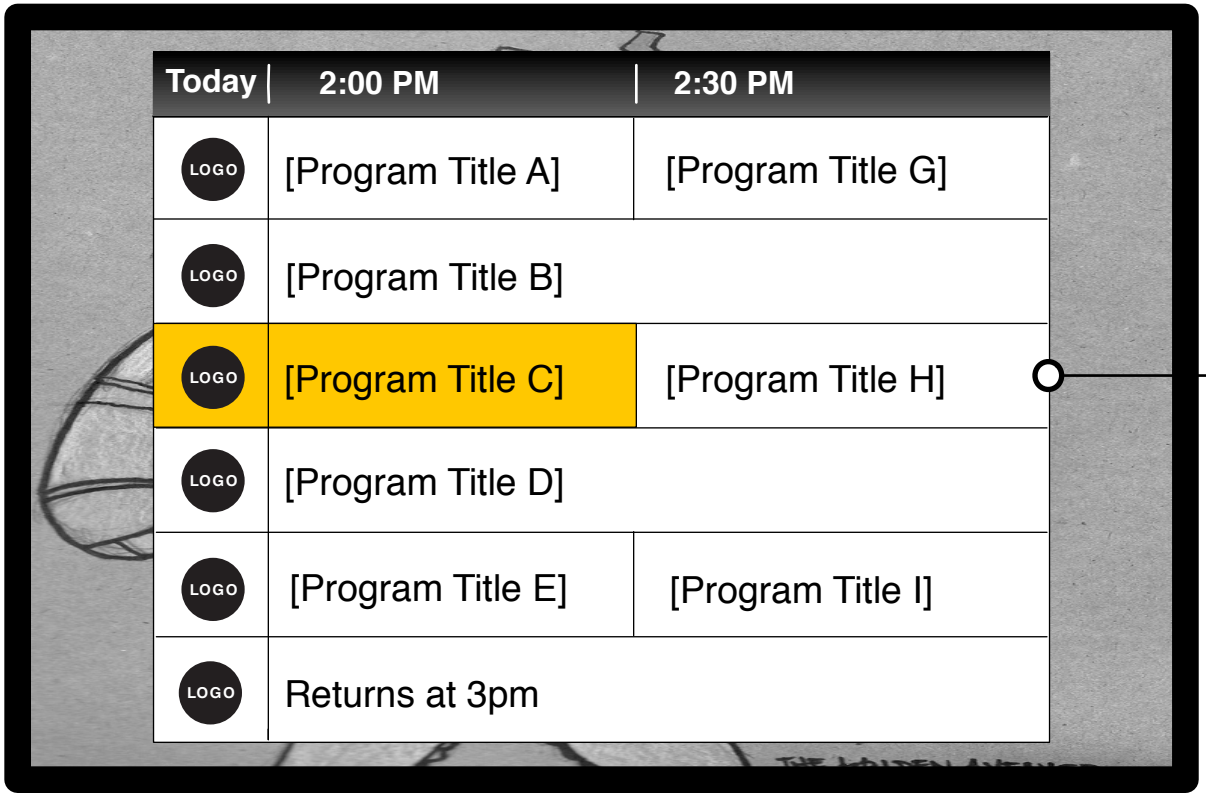


// TV | EPG Future Show Description





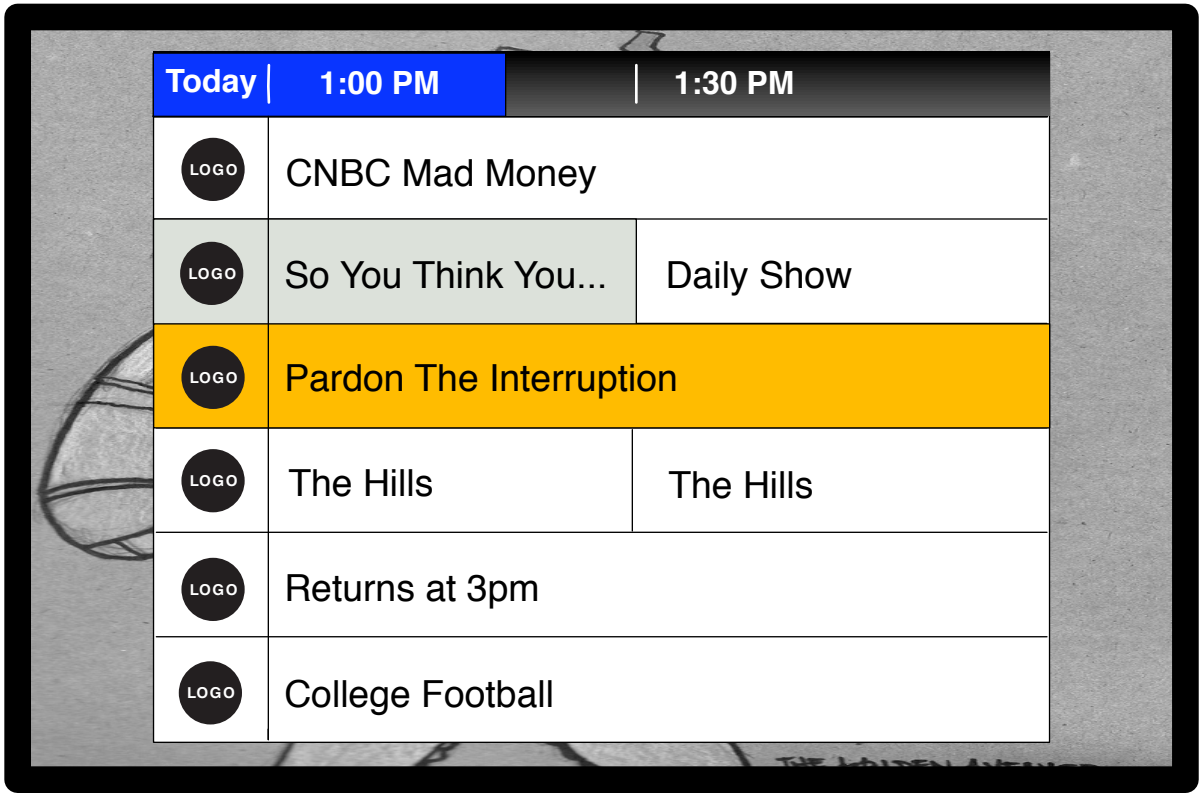
// TV | EPG More Guide Data



EPG data requirements are the same as PTV and user can continue to scroll forward into the future.

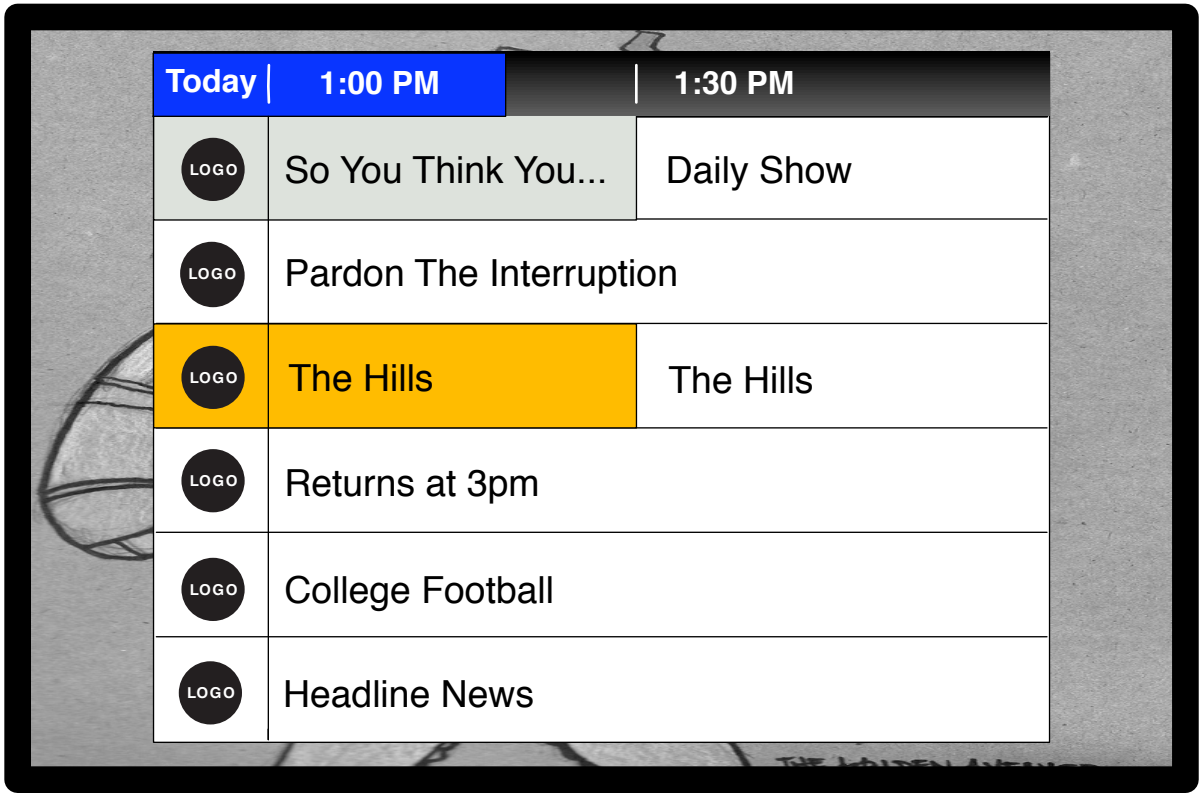


// TV | EPG 1


Today
1:00 PM
1:30 PM
LOGO
CNBC Mad Money
LOGO
So You Think You...
Daily Show
LOGO
Pardon The Interruption
LOGO
The Hills
The Hills
LOGO
Returns at 3pm
LOGO
College Football

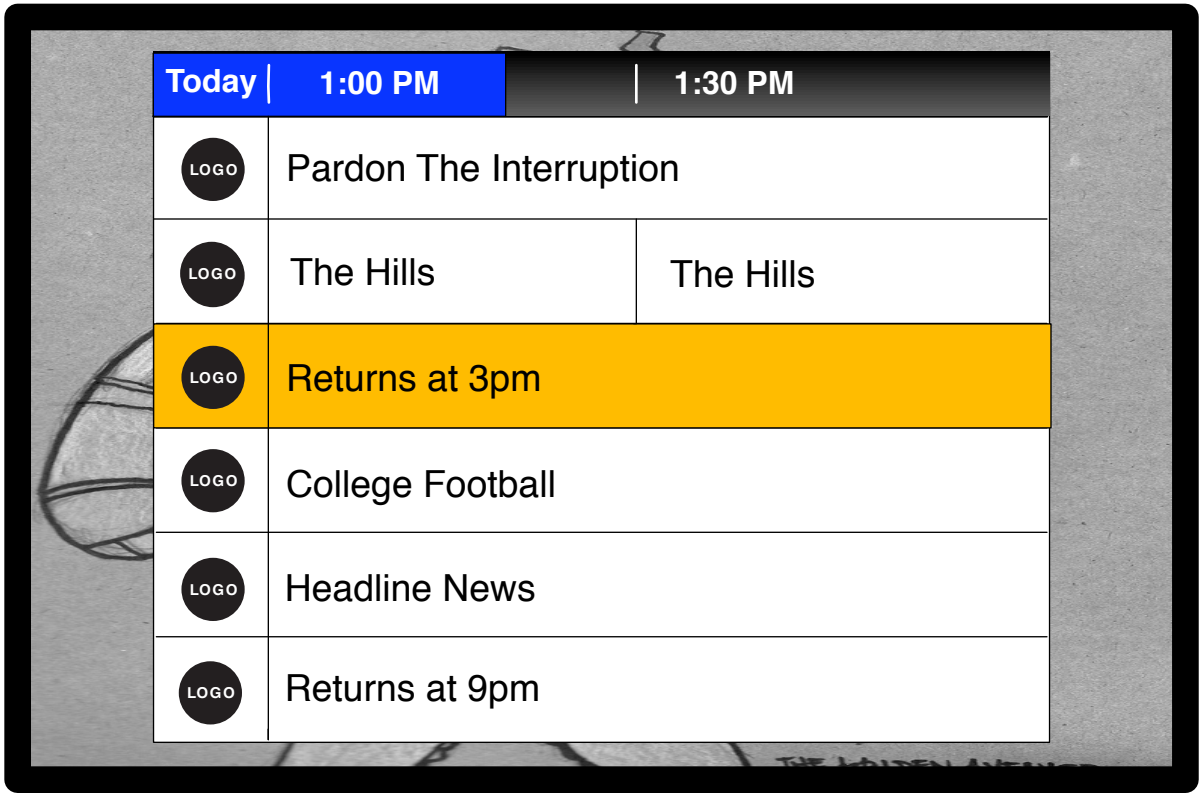

OK
1
2
3
4
5
6
7
8
9
0
BRANDING

// TV | EPG 2


Today
1:00 PM
1:30 PM
LOGO
So You Think You...
Daily Show
LOGO
Pardon The Interruption
LOGO
The Hills
The Hills
LOGO
Returns at 3pm
LOGO
College Football
LOGO
Headline News


OK
1
2
3
4
5
6
7
8
9
0
BRANDING

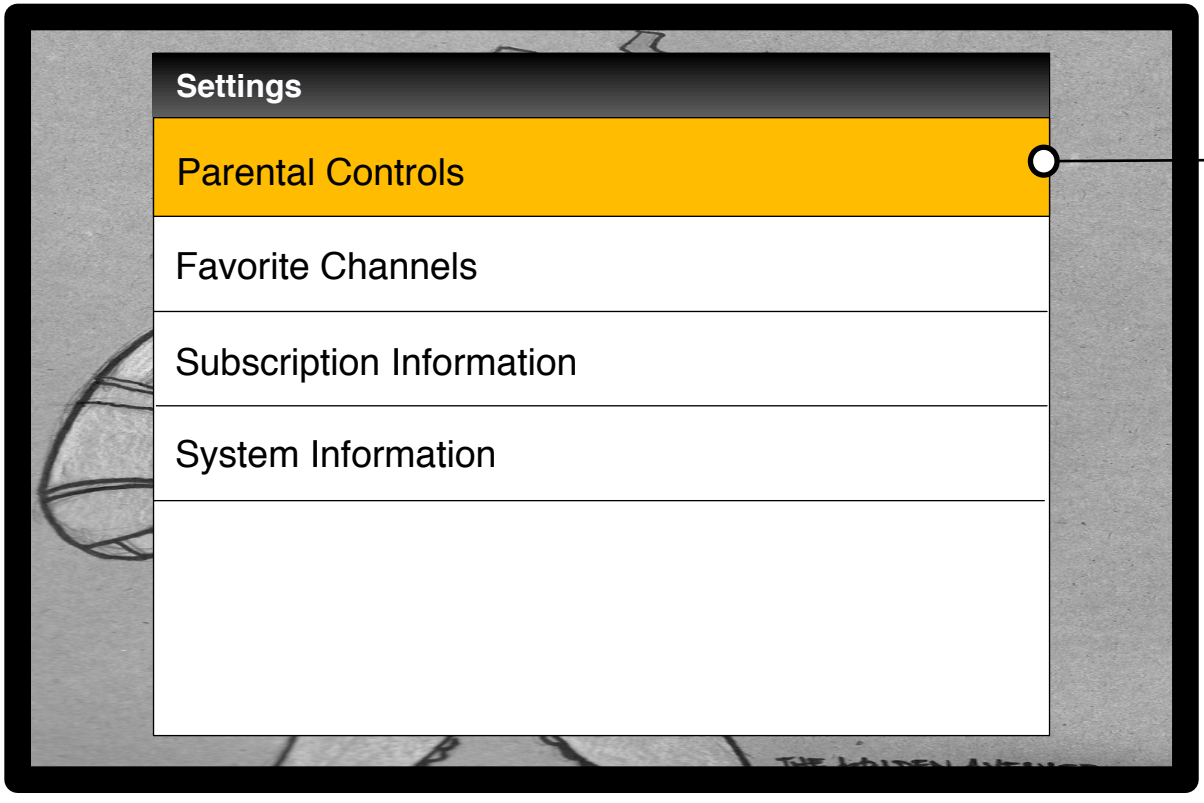
// TV | Off Air Channel





Settings Menu

// Settings Menu | Top | Parental Controls



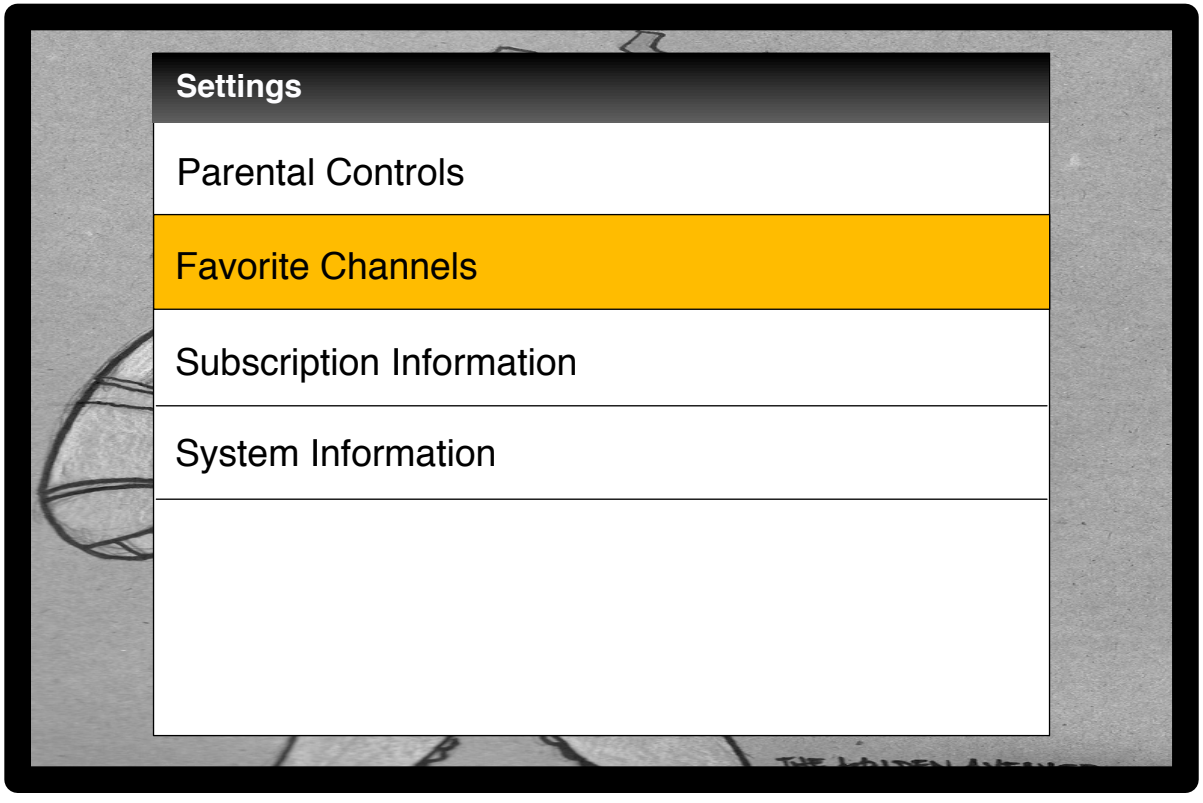


User has a PIN set

Simulates behavior of no PIN set.

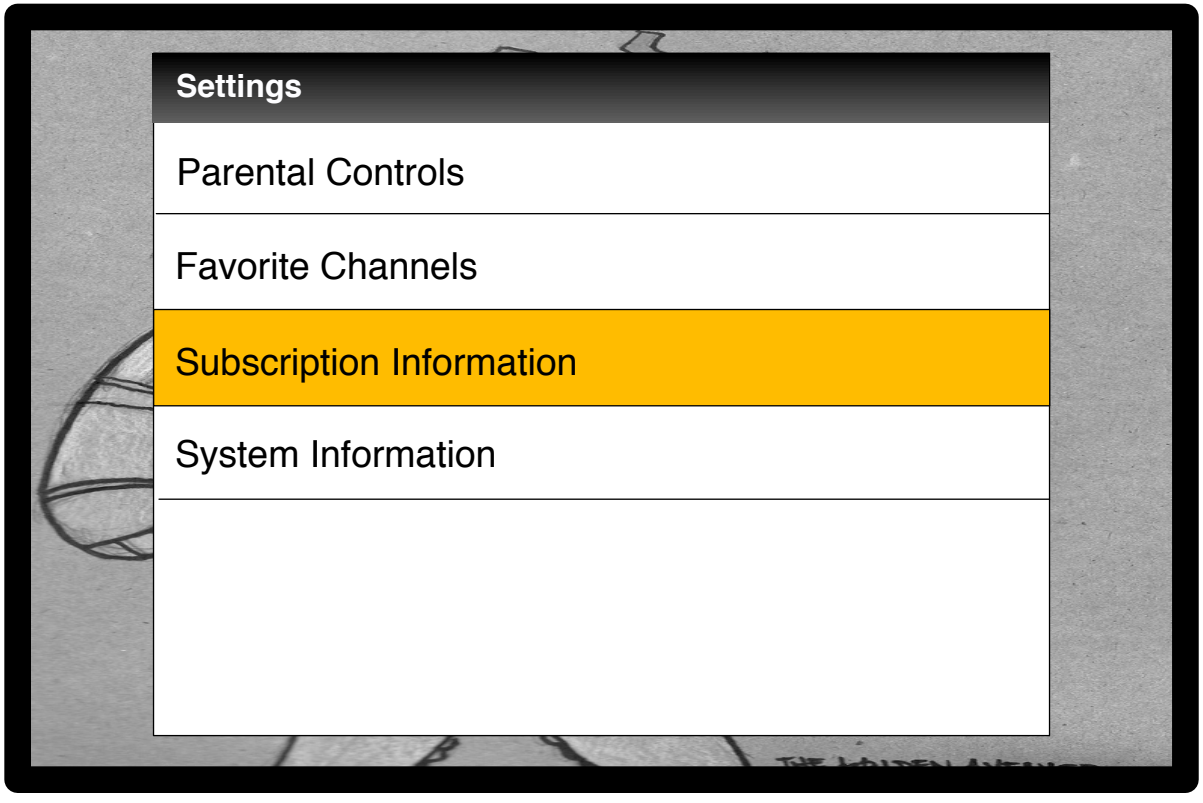
If PIN is set, then prompt for PIN entry.

// Settings Menu | Top | Favorite Channels



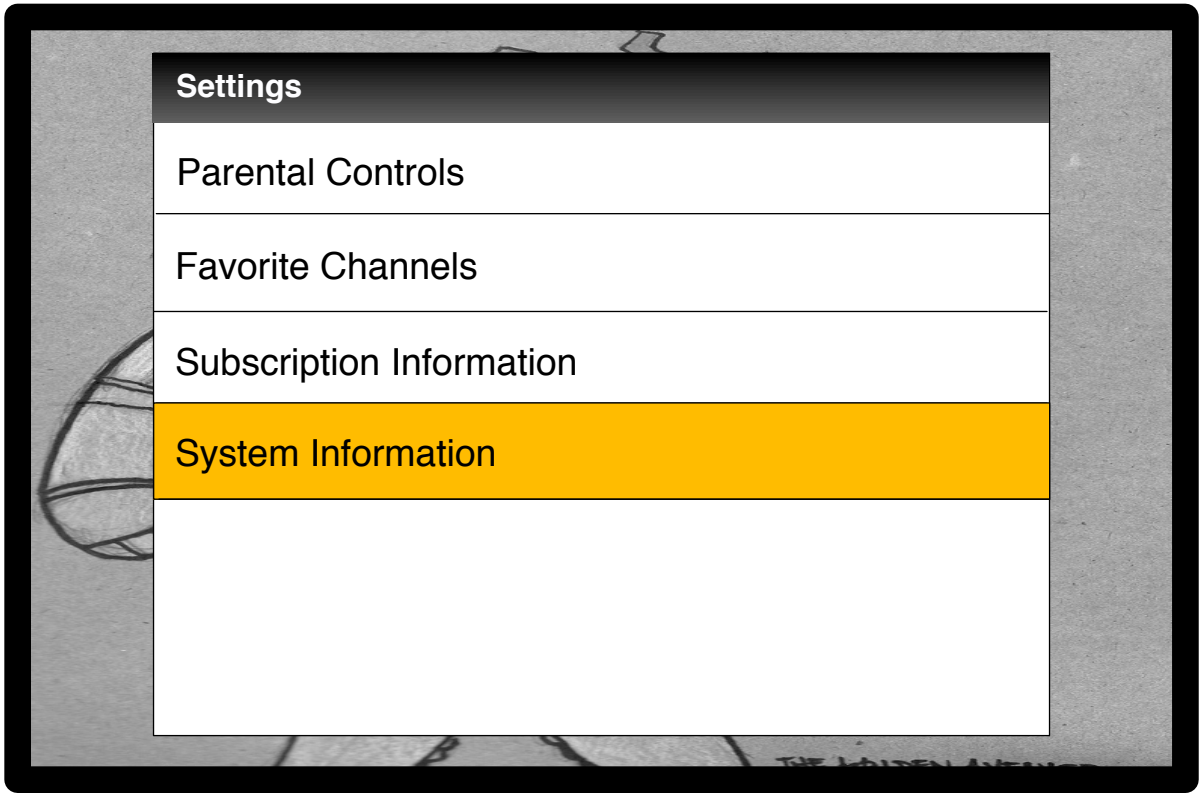


// Settings Menu | Top | Subscription Information



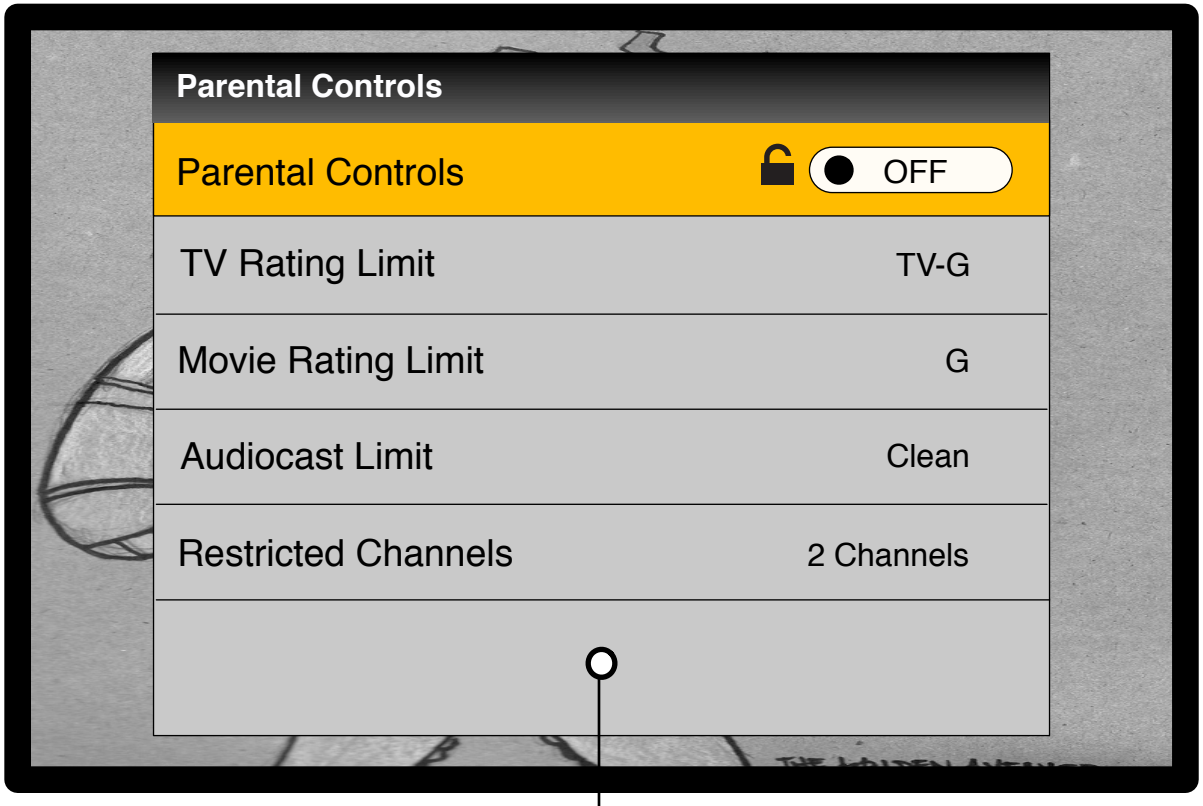


// Settings Menu | Top | System Information





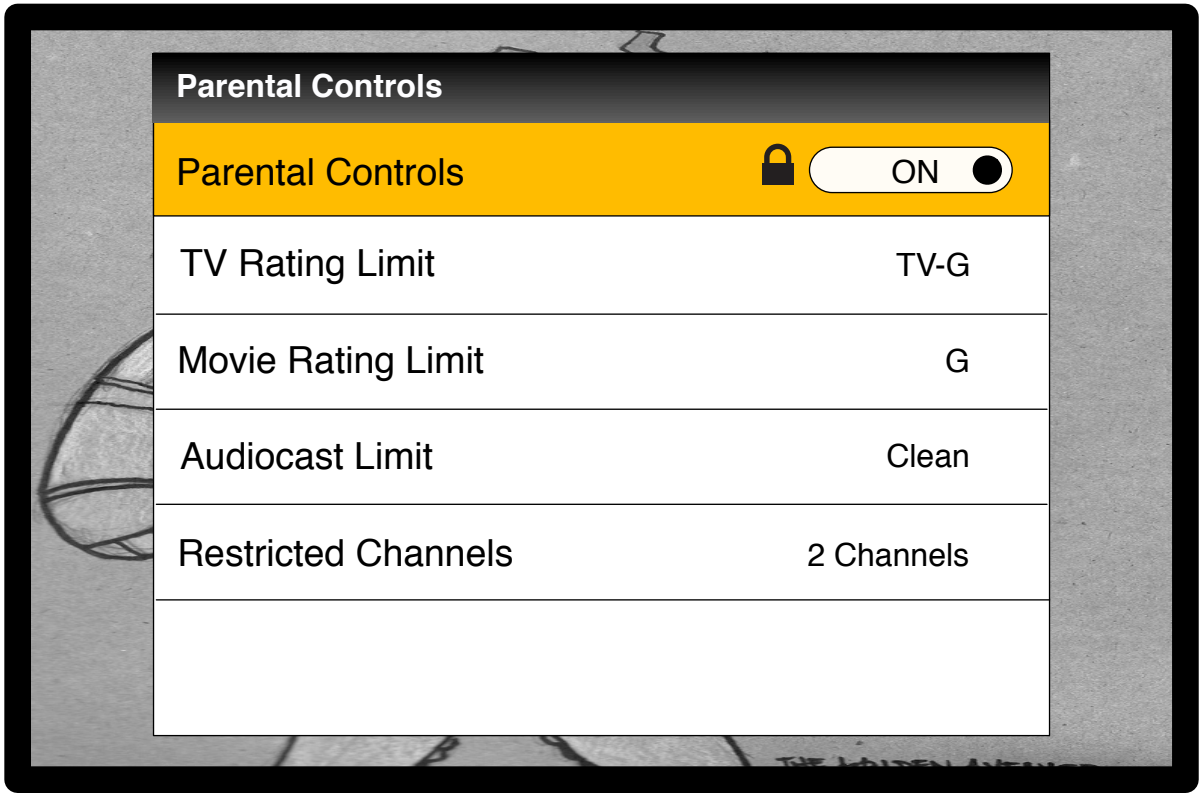
// Settings Menu | Parental Controls | Off



Controls grayed out unless Parent Controls are in the On state.

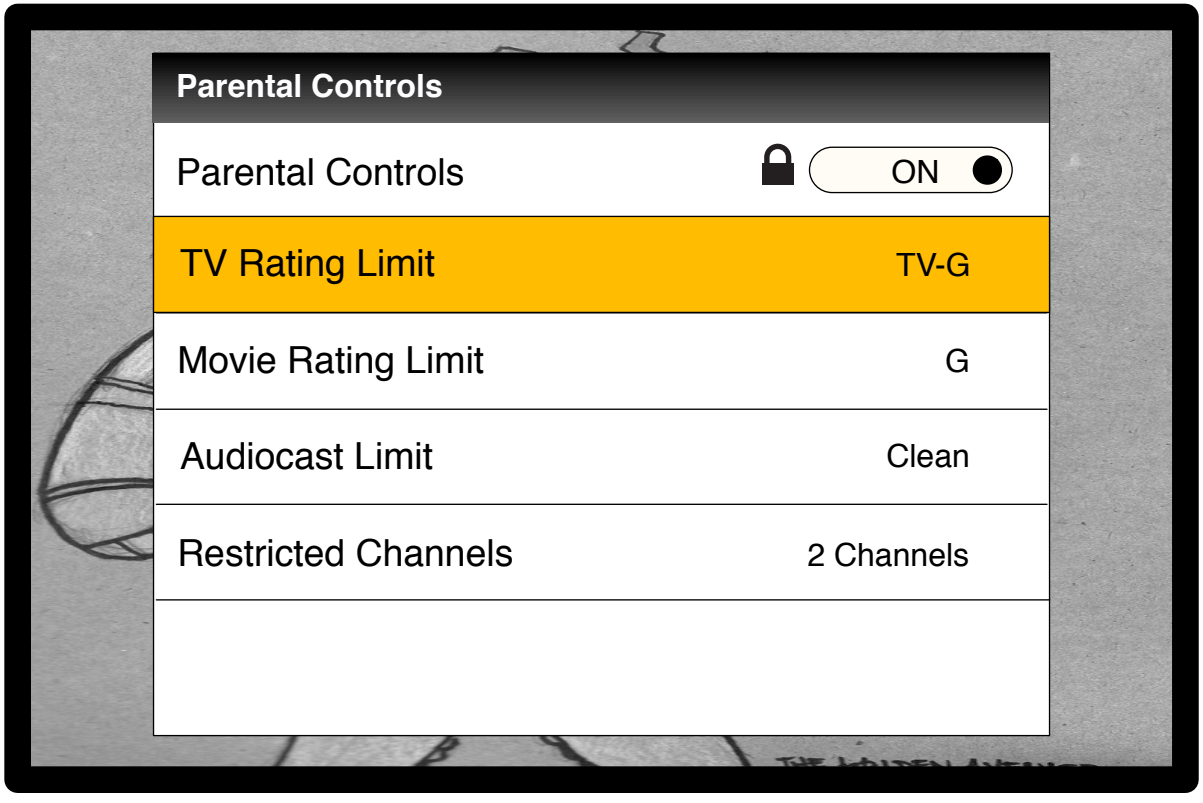


// Settings Menu | Parental Controls | On



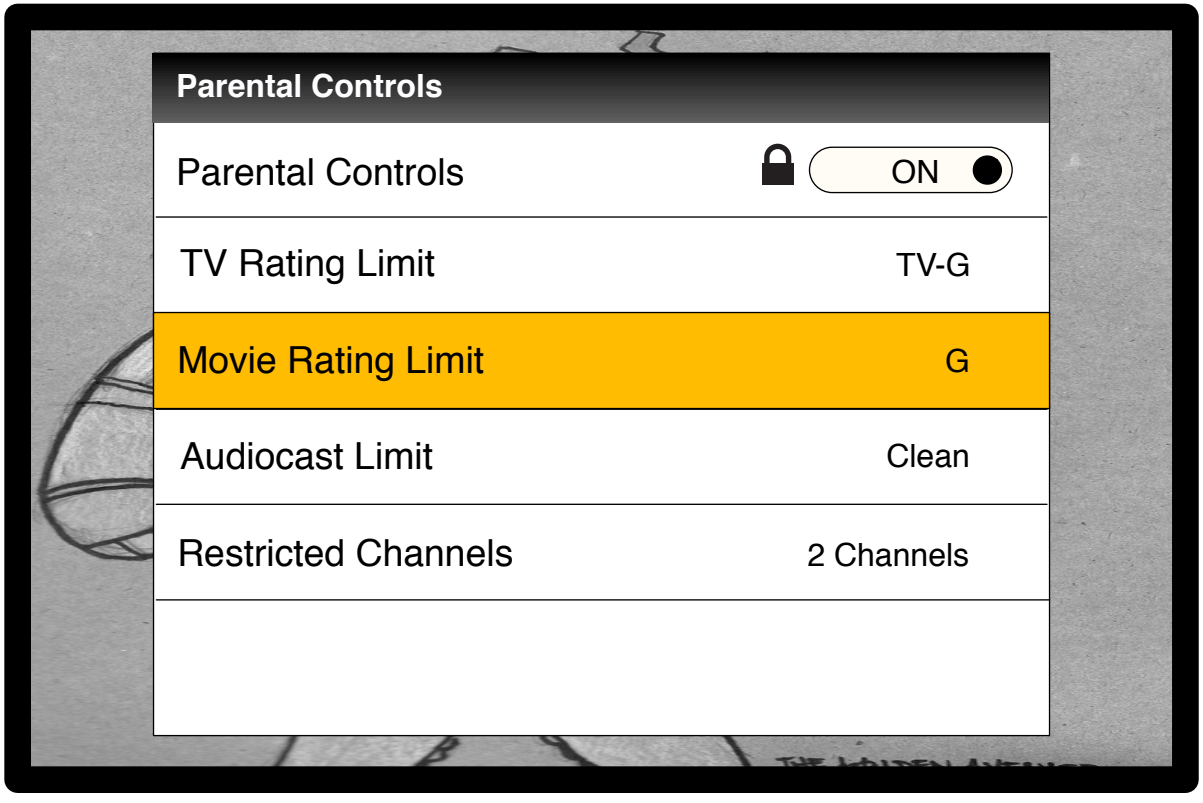


// Settings Menu | Parental Controls | TV Rating Limit



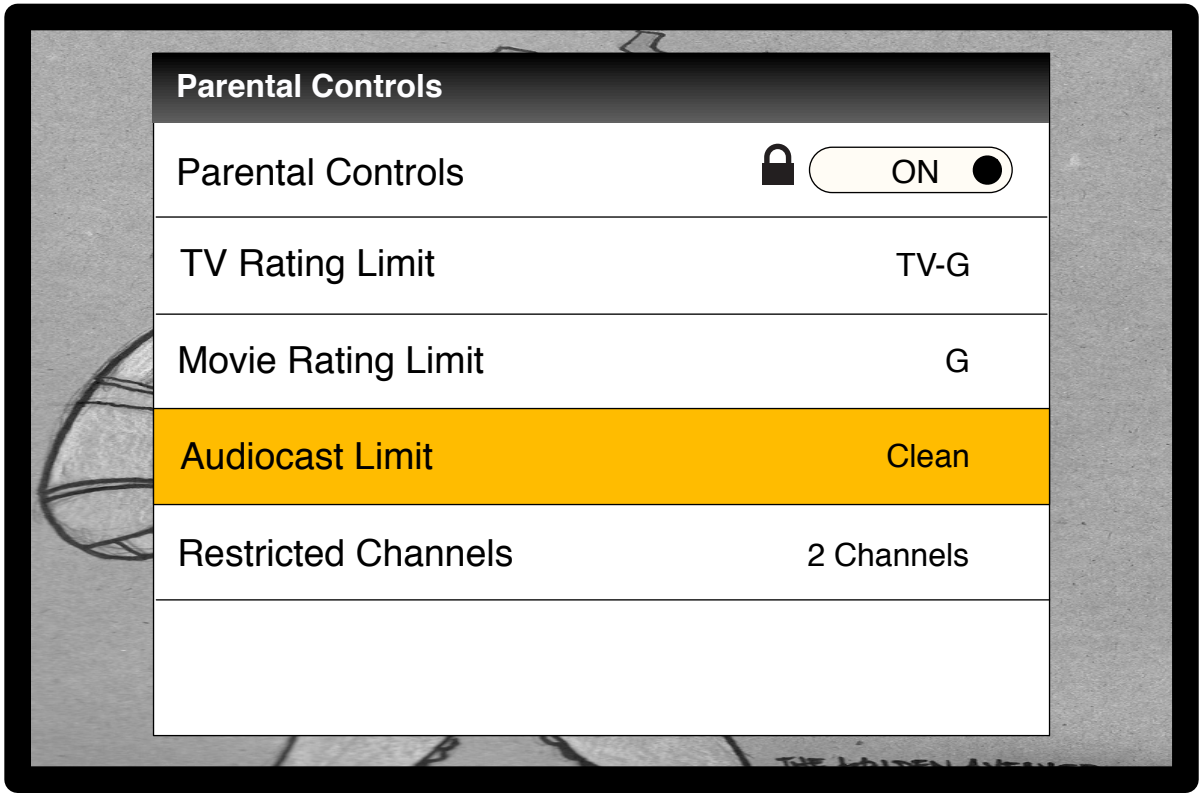


// Settings Menu | Parental Controls | Movie Rating Limit



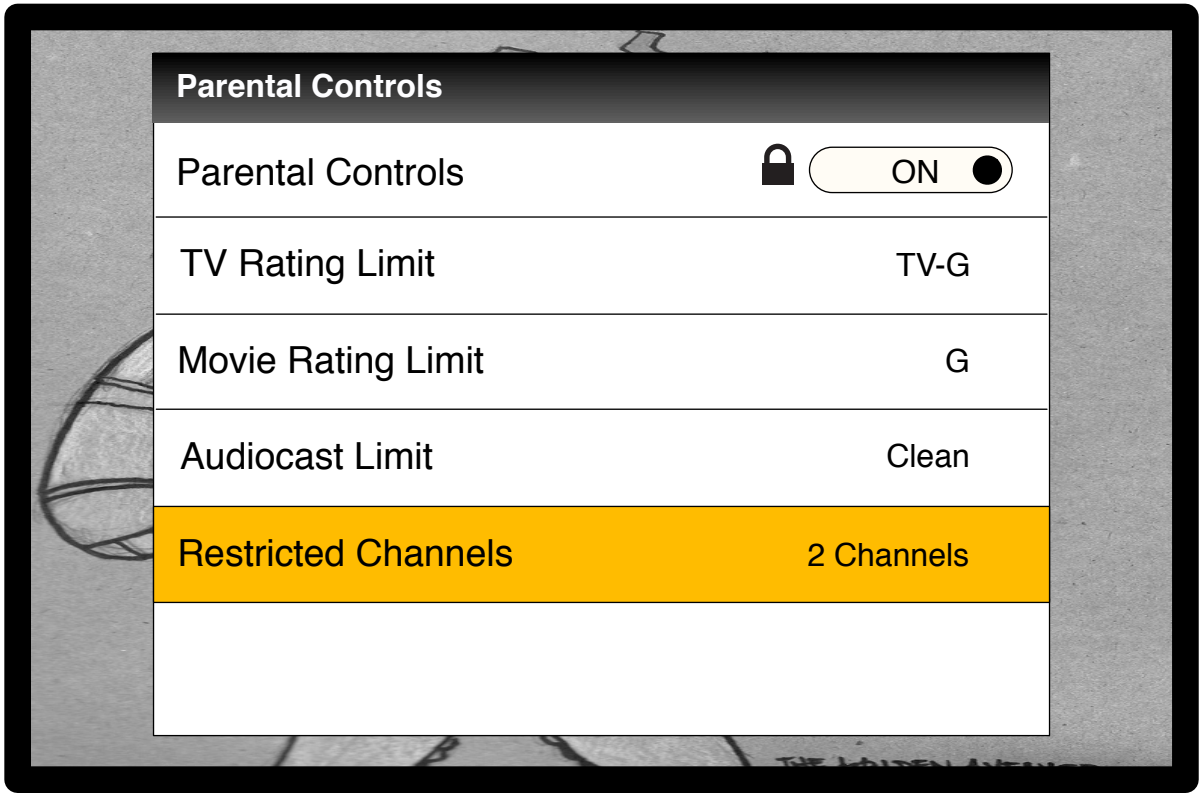


// Settings Menu | Parental Controls | Audiocast Limit





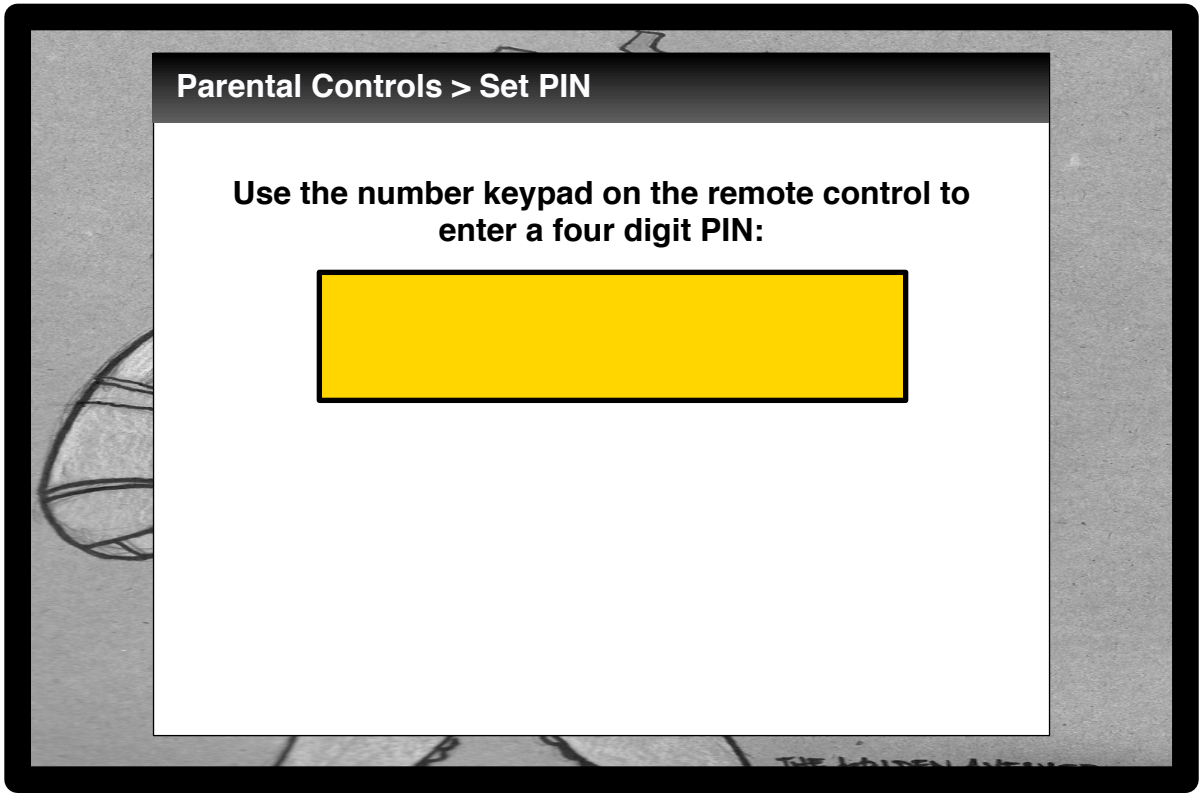
// Settings Menu | Parental Controls | Restricted Channels





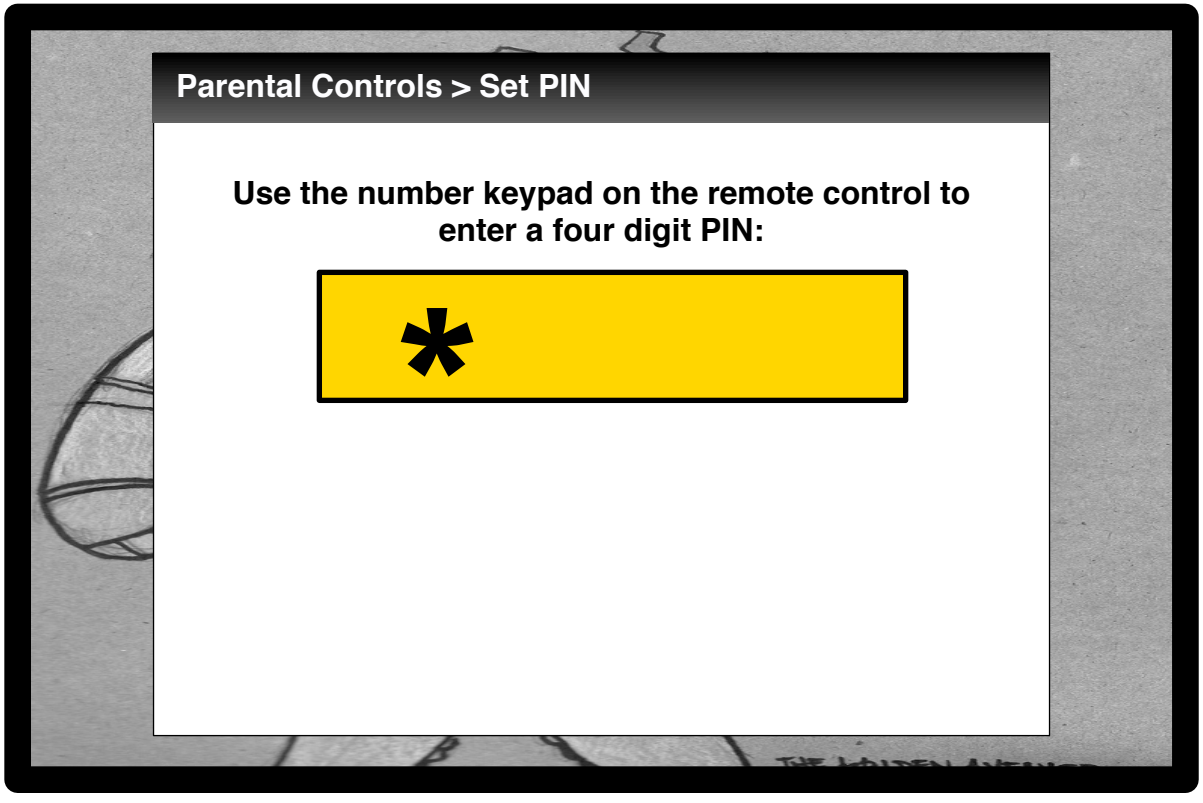
Set PIN

// Parental Controls | Set PIN



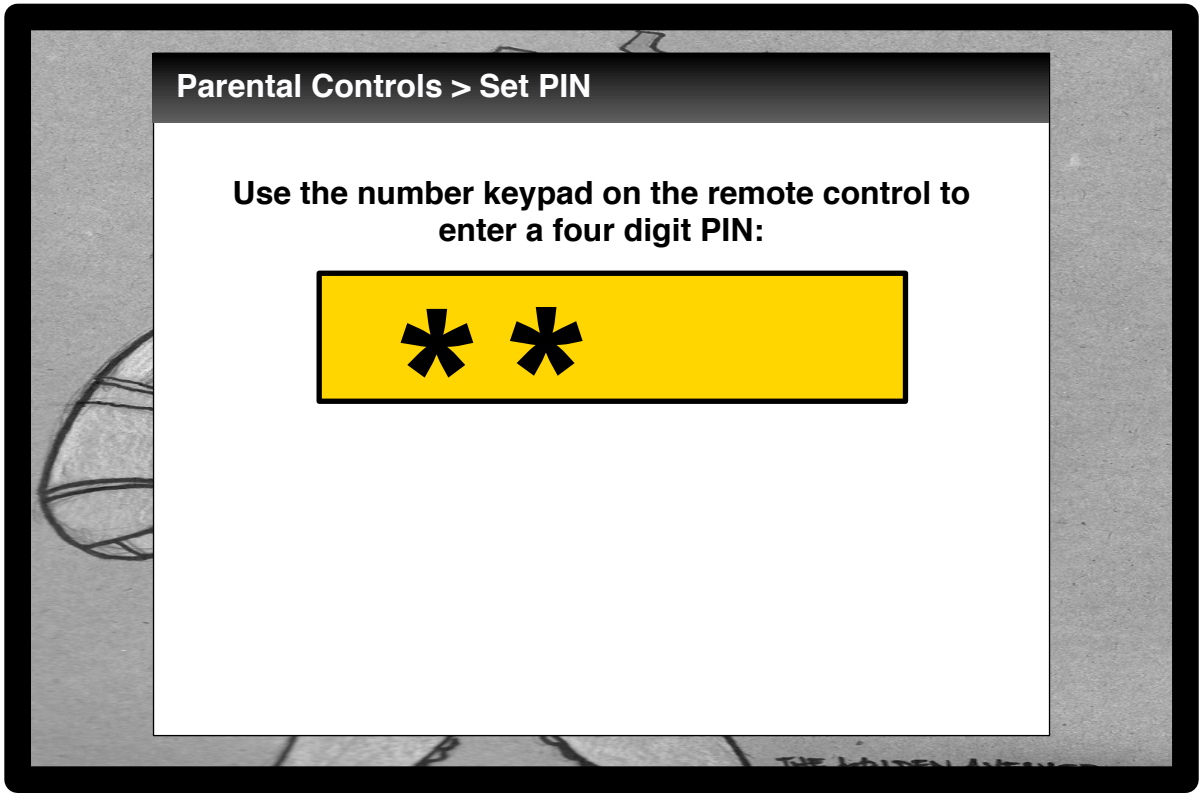


// Parental Controls | Set PIN 1



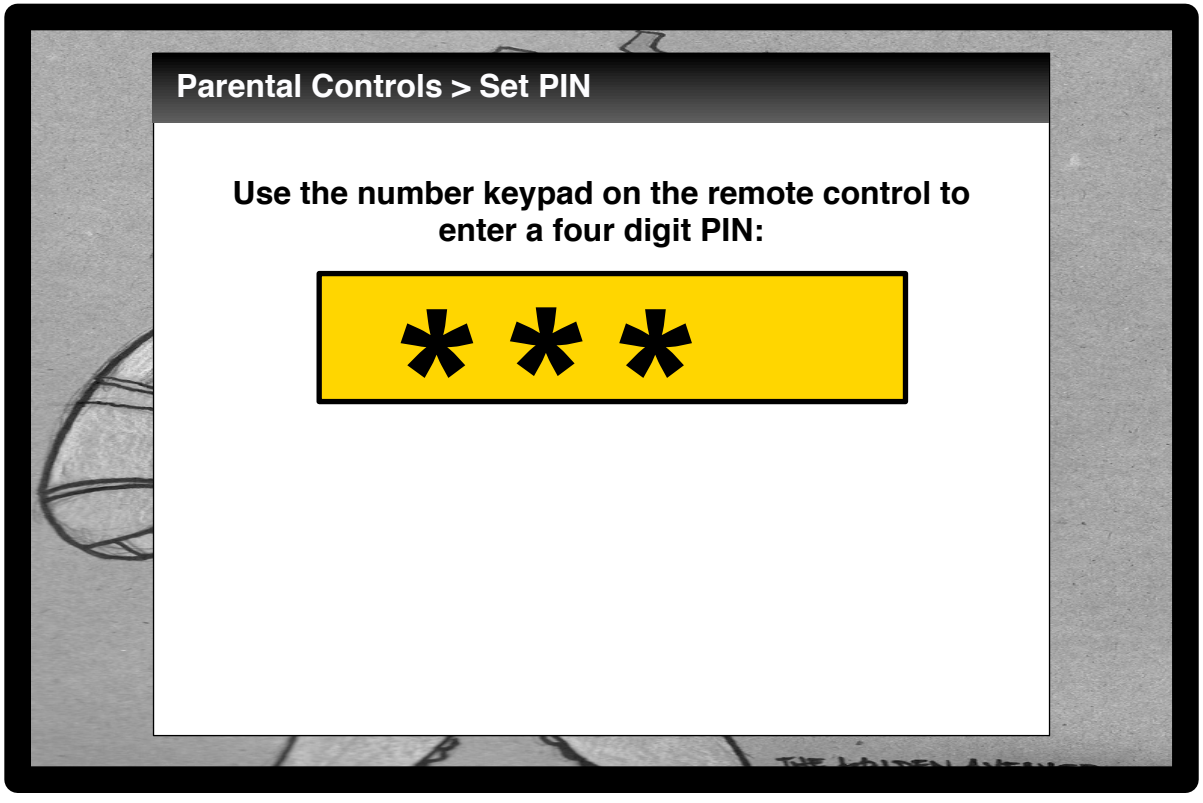


// Parental Controls | Set PIN 2



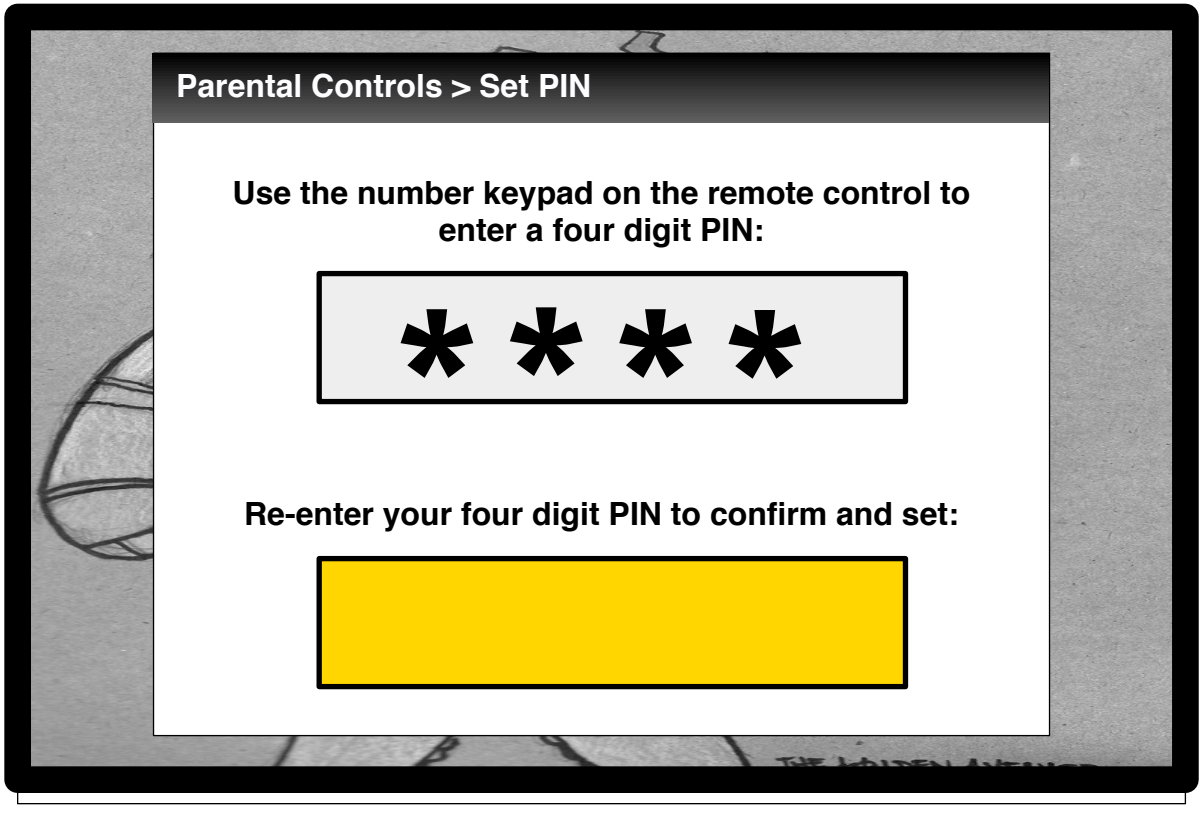


// Parental Controls | Set PIN 3



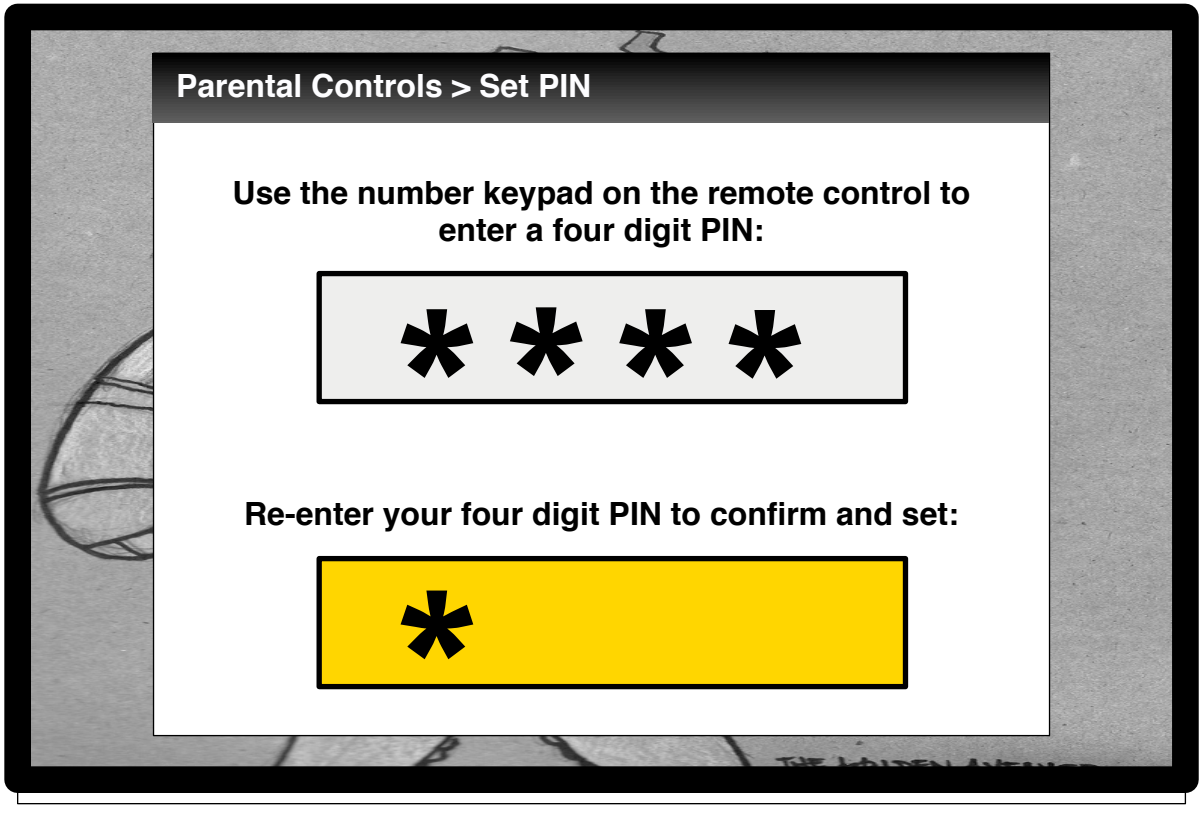


// Parental Controls | Set PIN Confirmation



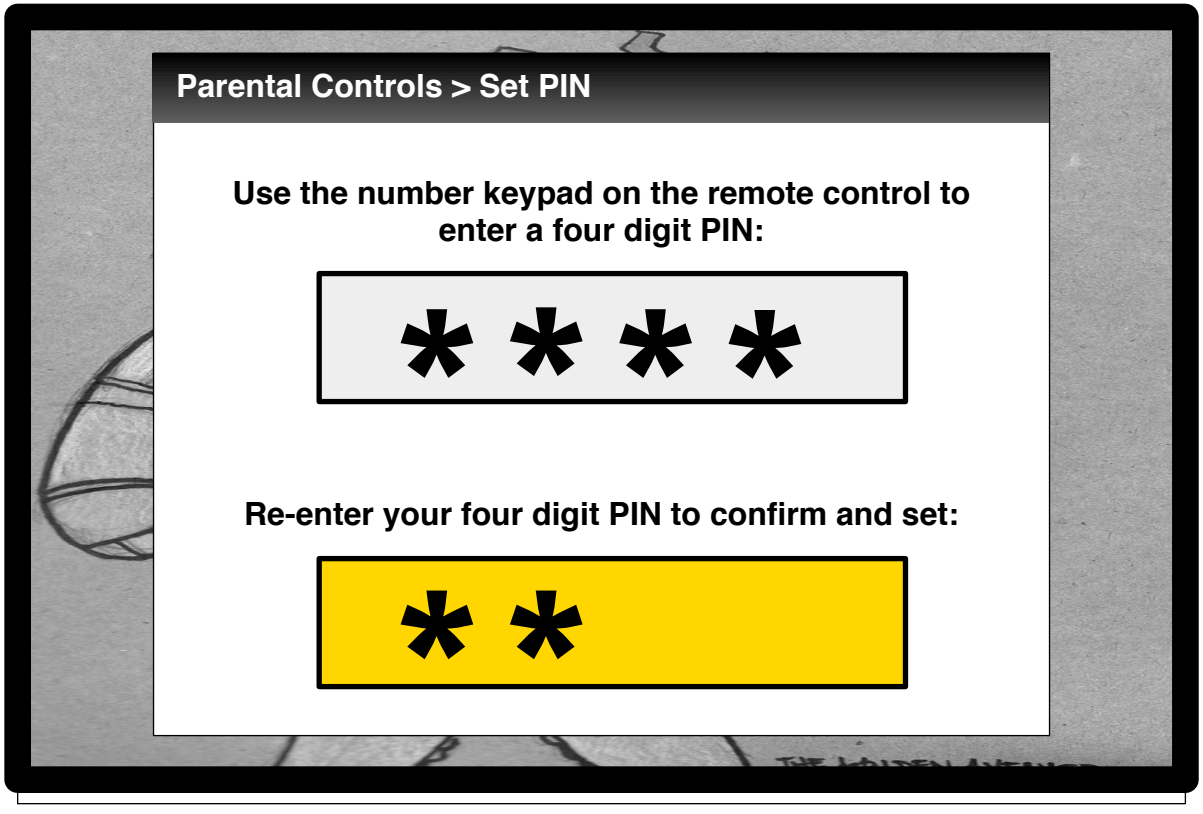


// Parental Controls | Set PIN Confirmation 1



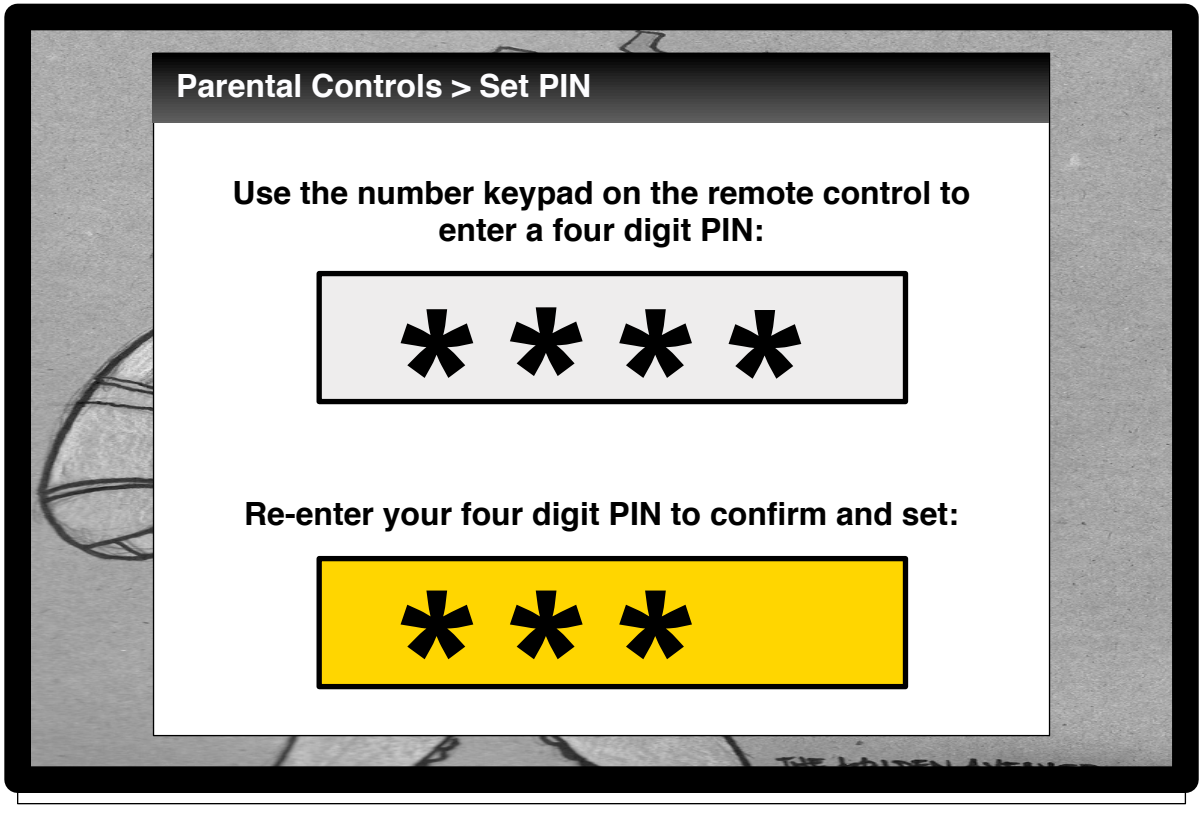


// Parental Controls | Set PIN Confirmation 2



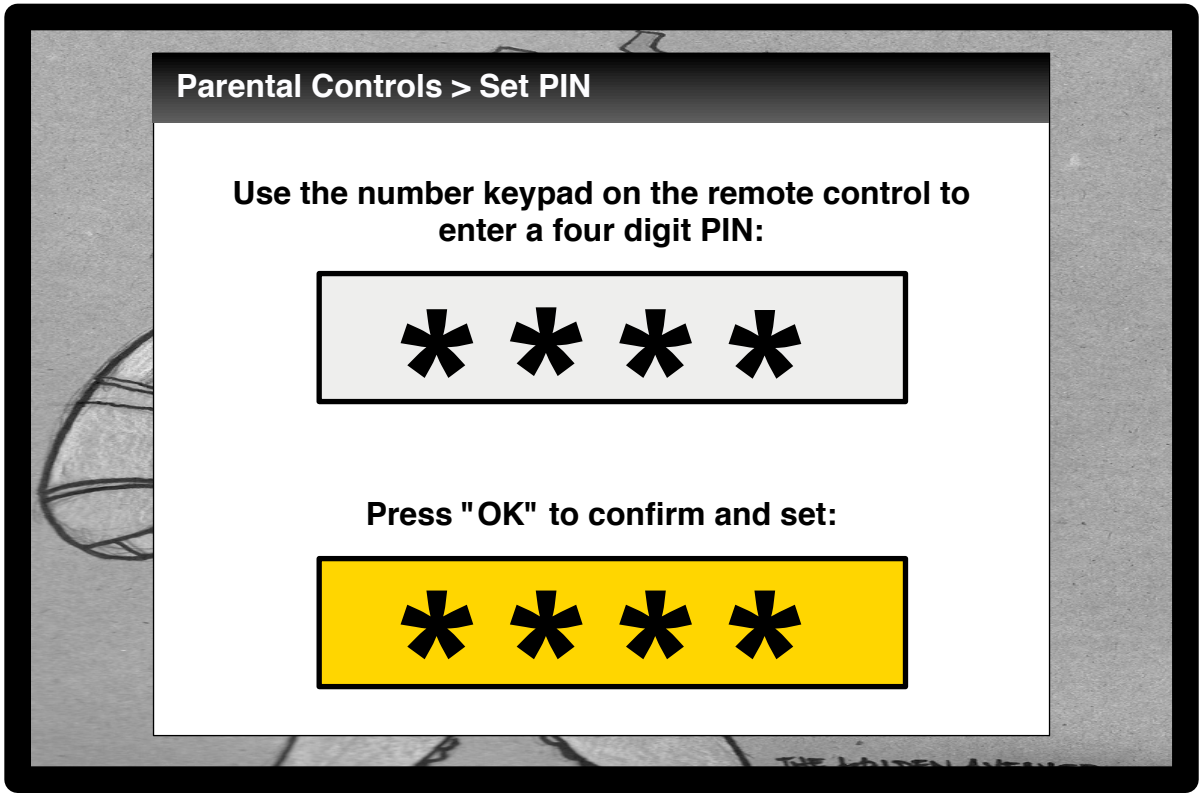


// Parental Controls | Set PIN Confirmation 3



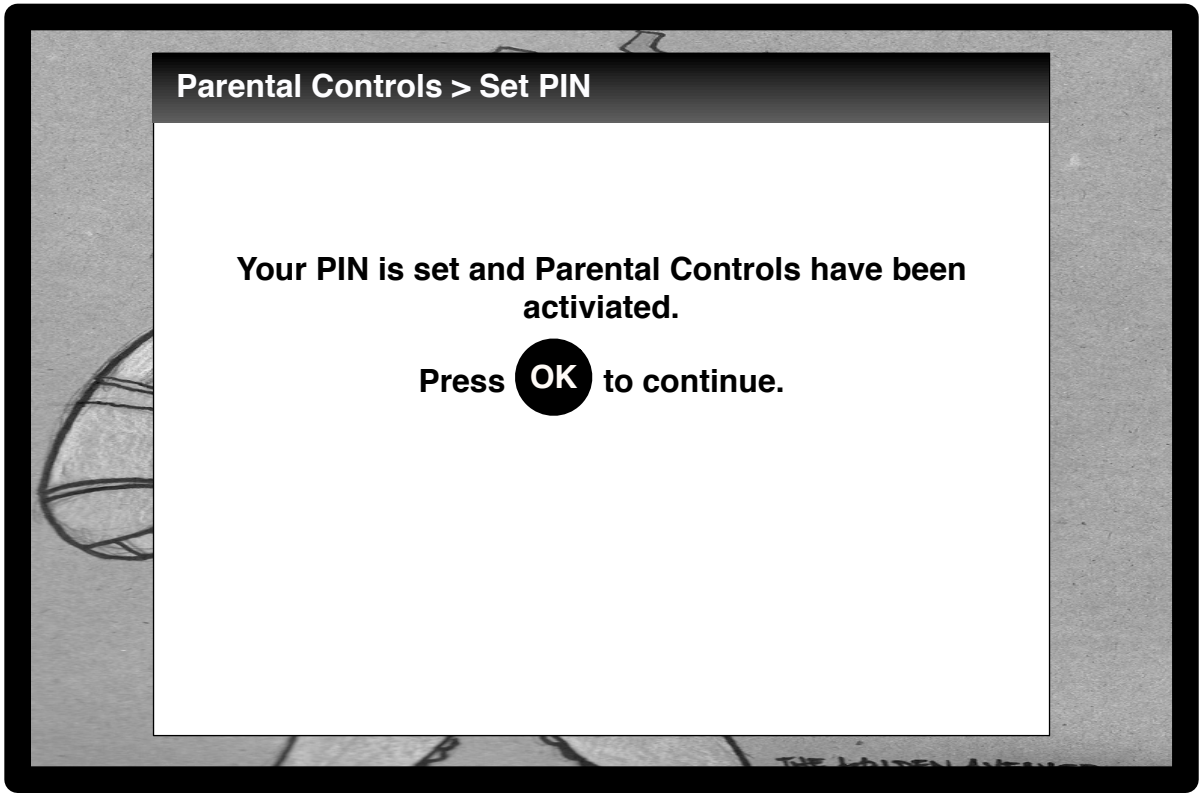


// Parental Controls | Set PIN Confirmation 4



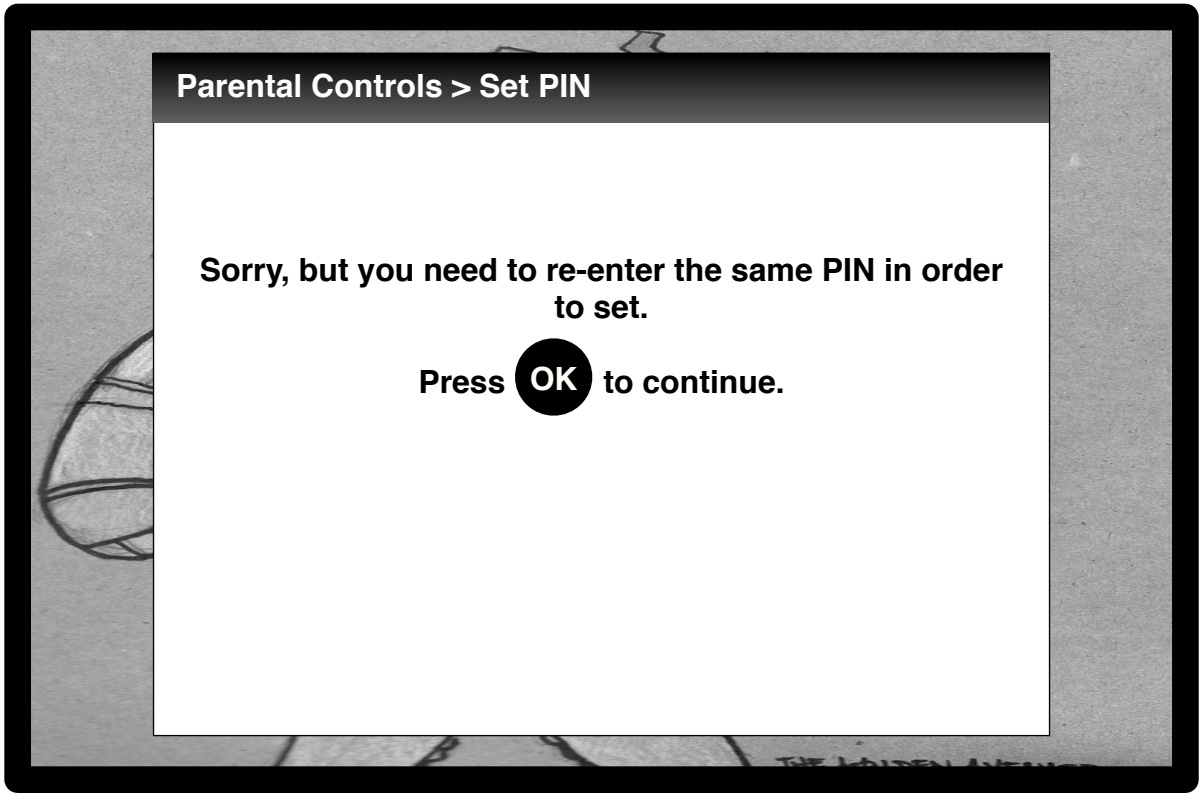


// Parental Controls | Set PIN Confirmation Message





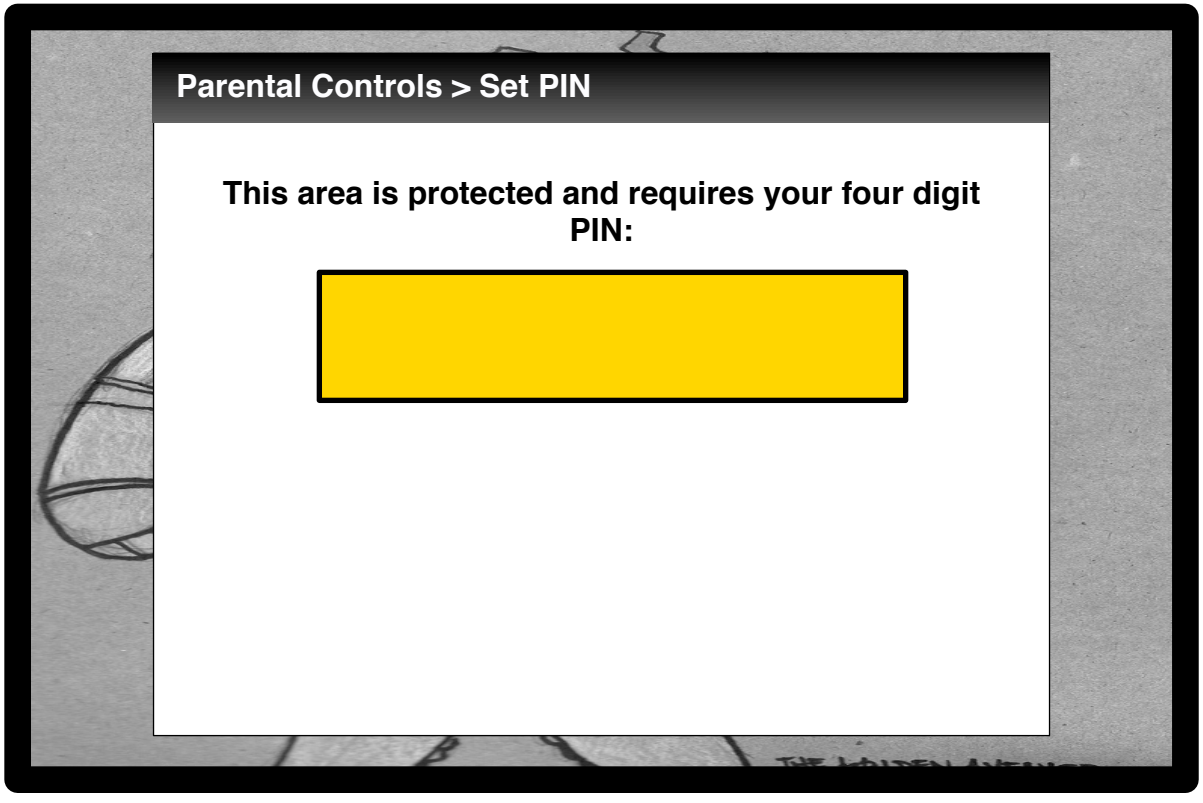
// Parental Controls | Set PIN Error Message





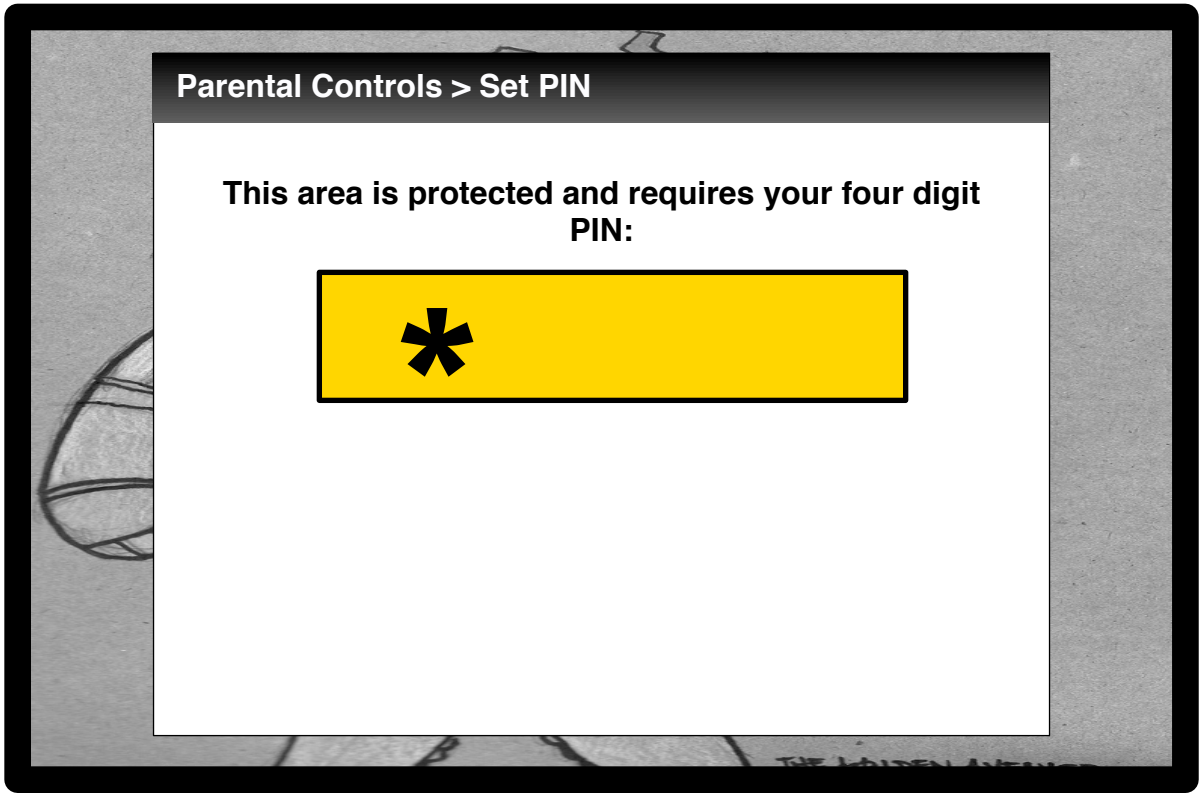
Enter PIN | Enter Parental Controls

// Enter PIN


Parental Controls > Set PIN
This area is protected and requires your four digit PIN:

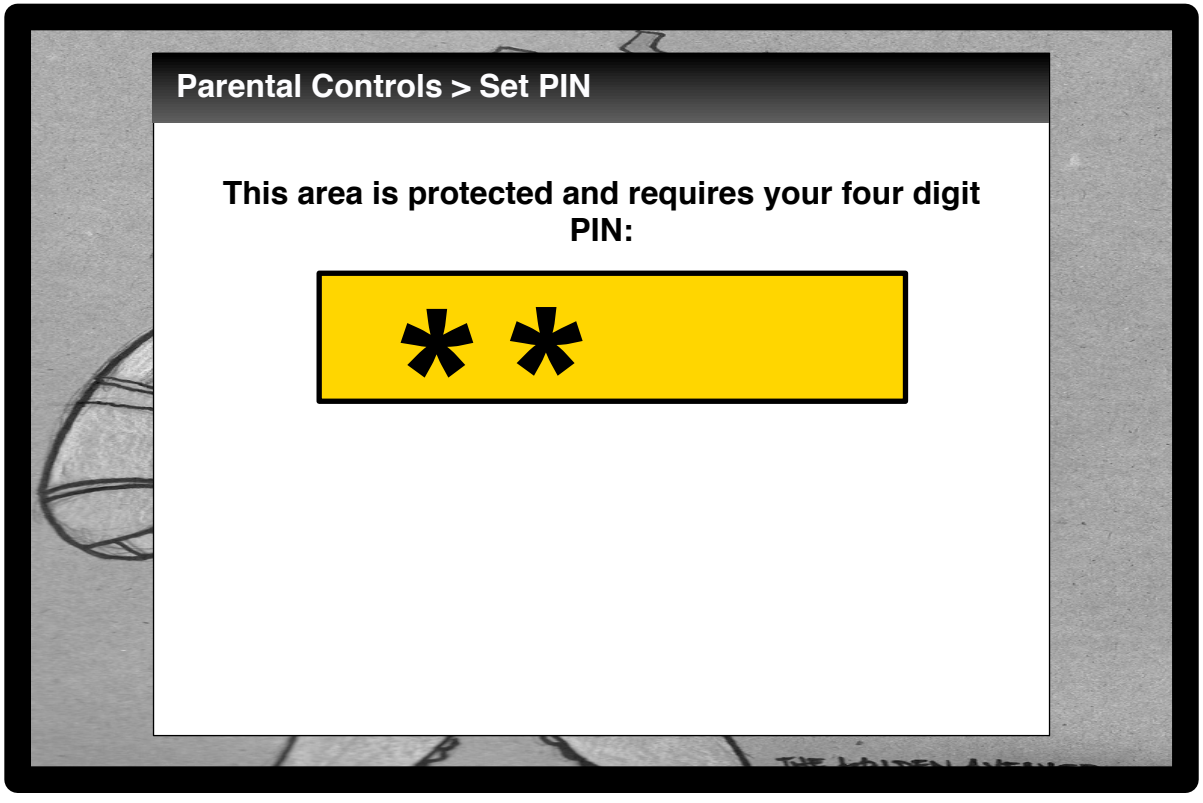

OK
1
2
3
4
5
6
7
8
9
0
BRANDING

// Enter PIN 1


Parental Controls > Set PIN
This area is protected and requires your four digit PIN:
*

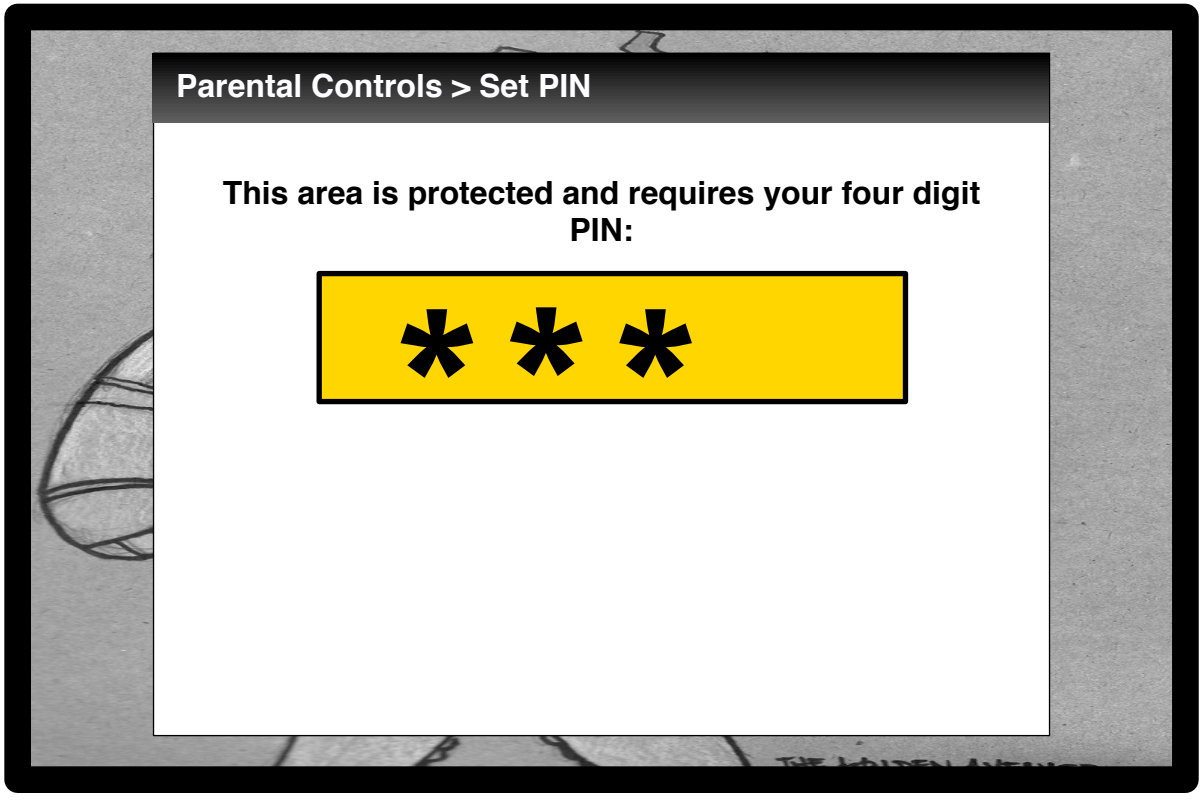

OK
1
2
3
4
5
6
7
8
9
0
BRANDING

// Enter PIN 2


Parental Controls > Set PIN
This area is protected and requires your four digit PIN:
* *

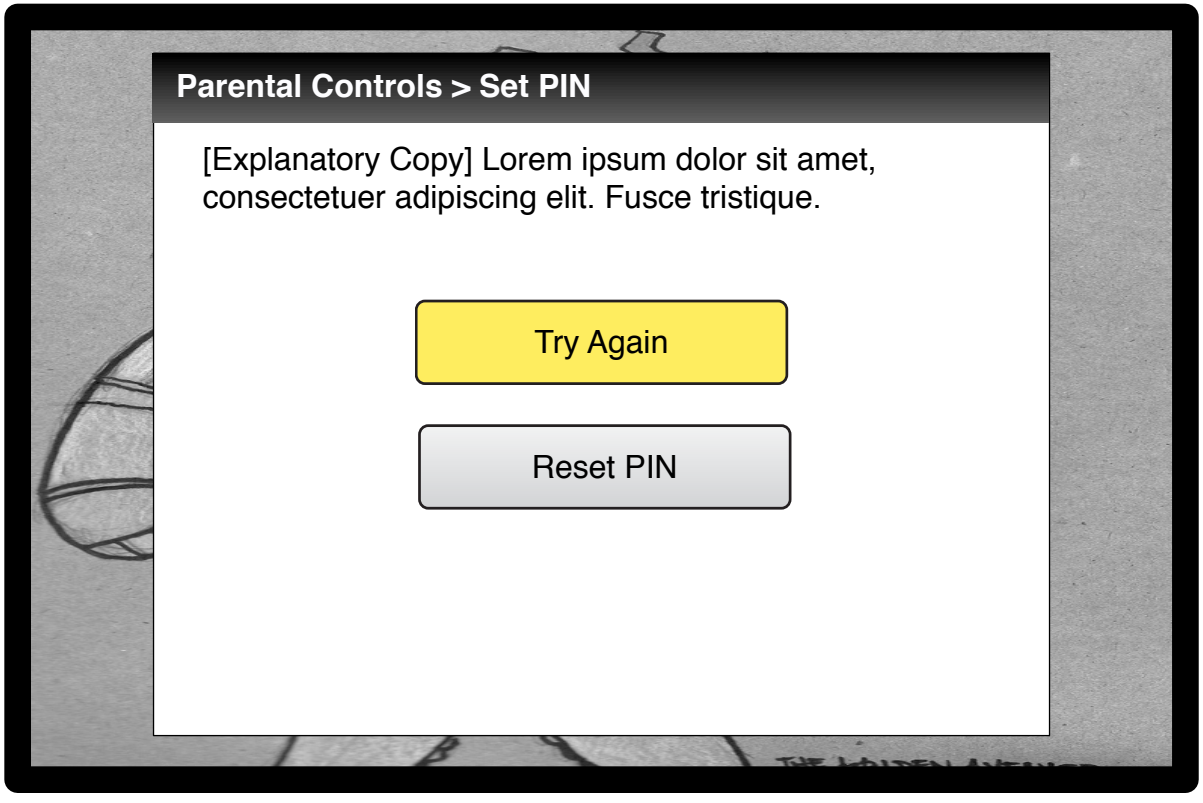

OK
1
2
3
4
5
6
7
8
9
0
BRANDING

// Enter PIN 3


Parental Controls > Set PIN
This area is protected and requires your four digit PIN:
***

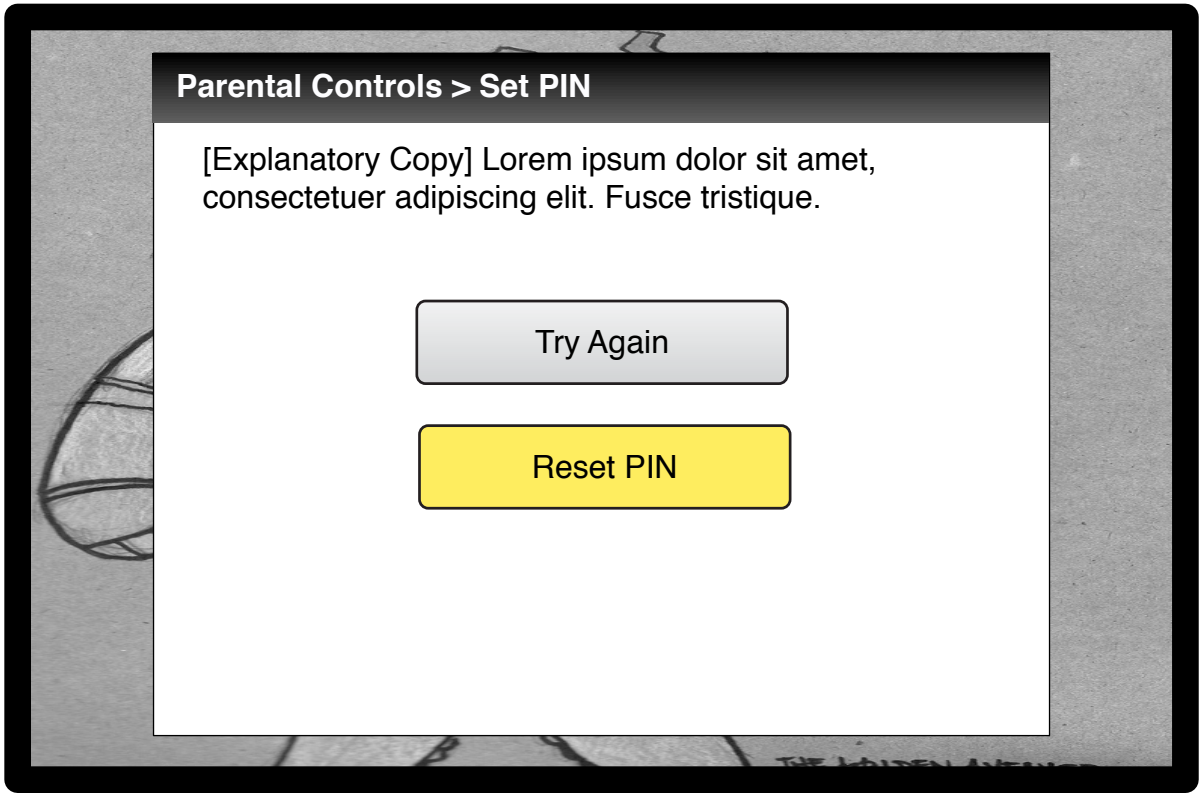

OK
1
2
3
4
5
6
7
8
9
0
BRANDING

// PIN Failure | Try Again



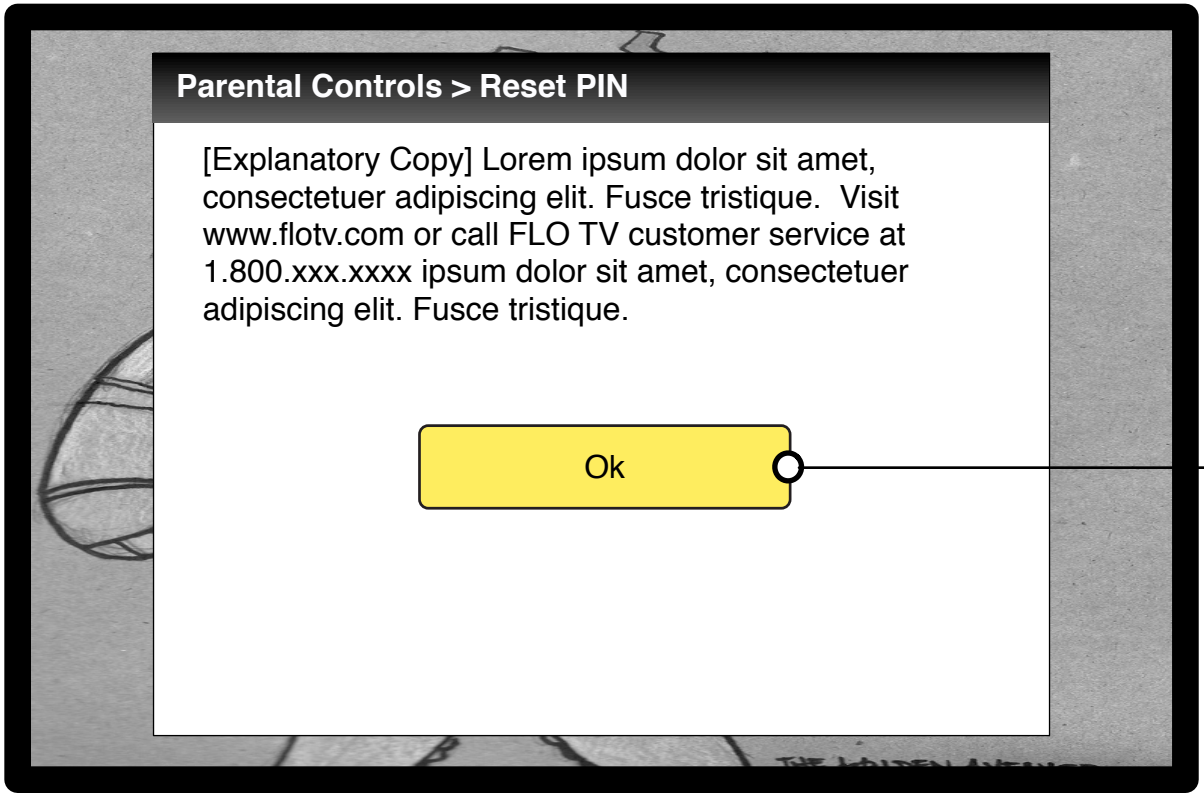


// PIN Failure | Reset PIN





// PIN Failure | Reset PIN Directions

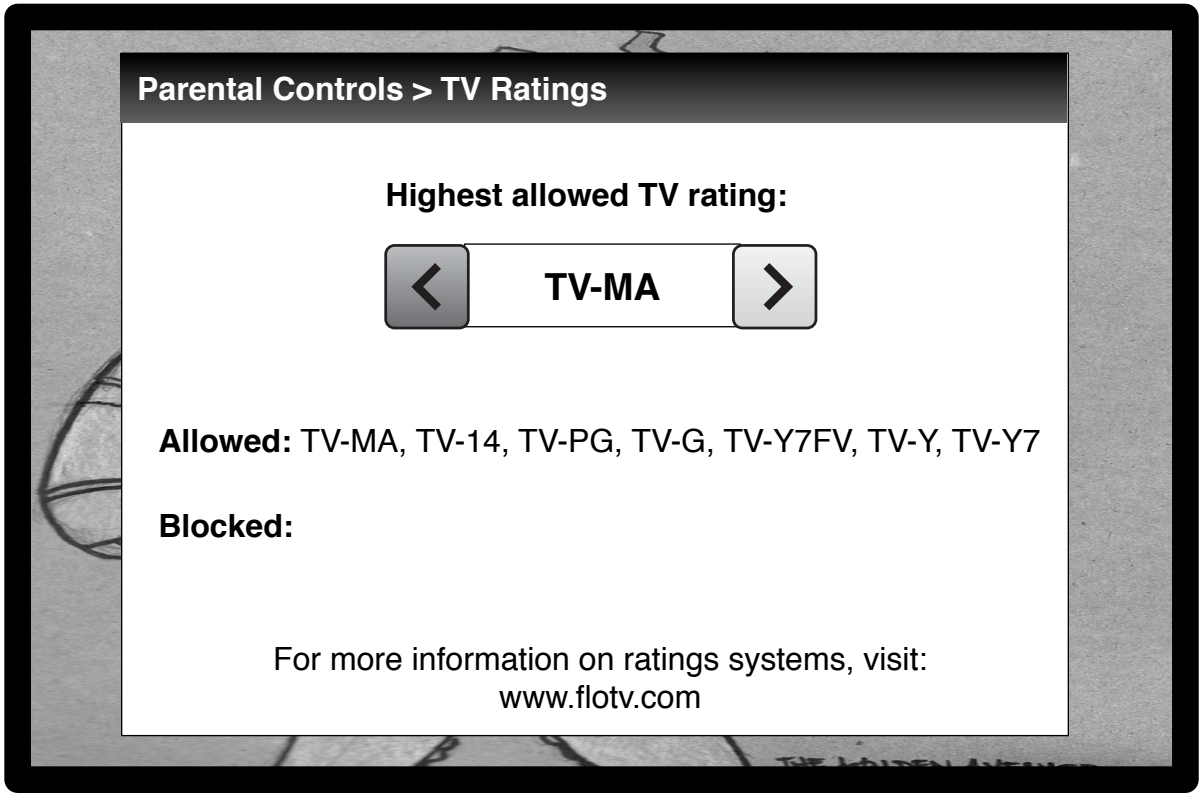


Returns user to the screen of origin prompting PIN entry.



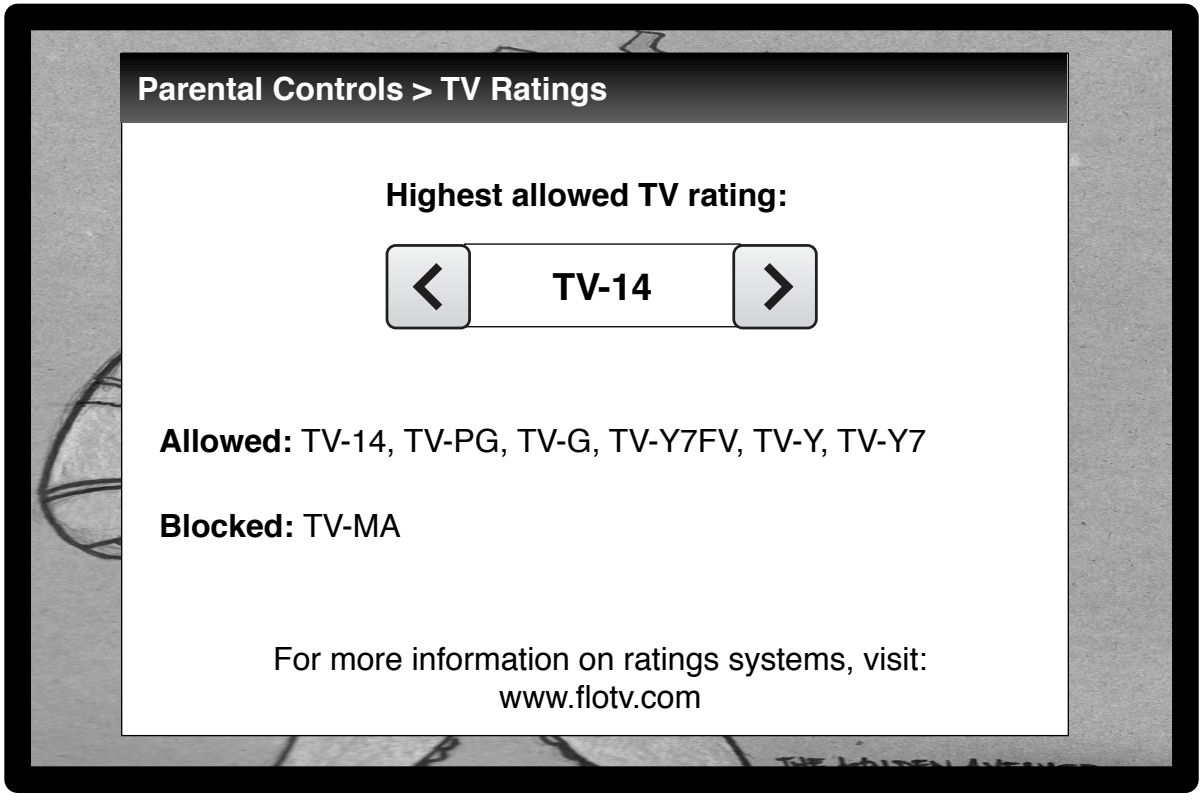
TV Ratings

// TV Ratings Settings | TV-MA



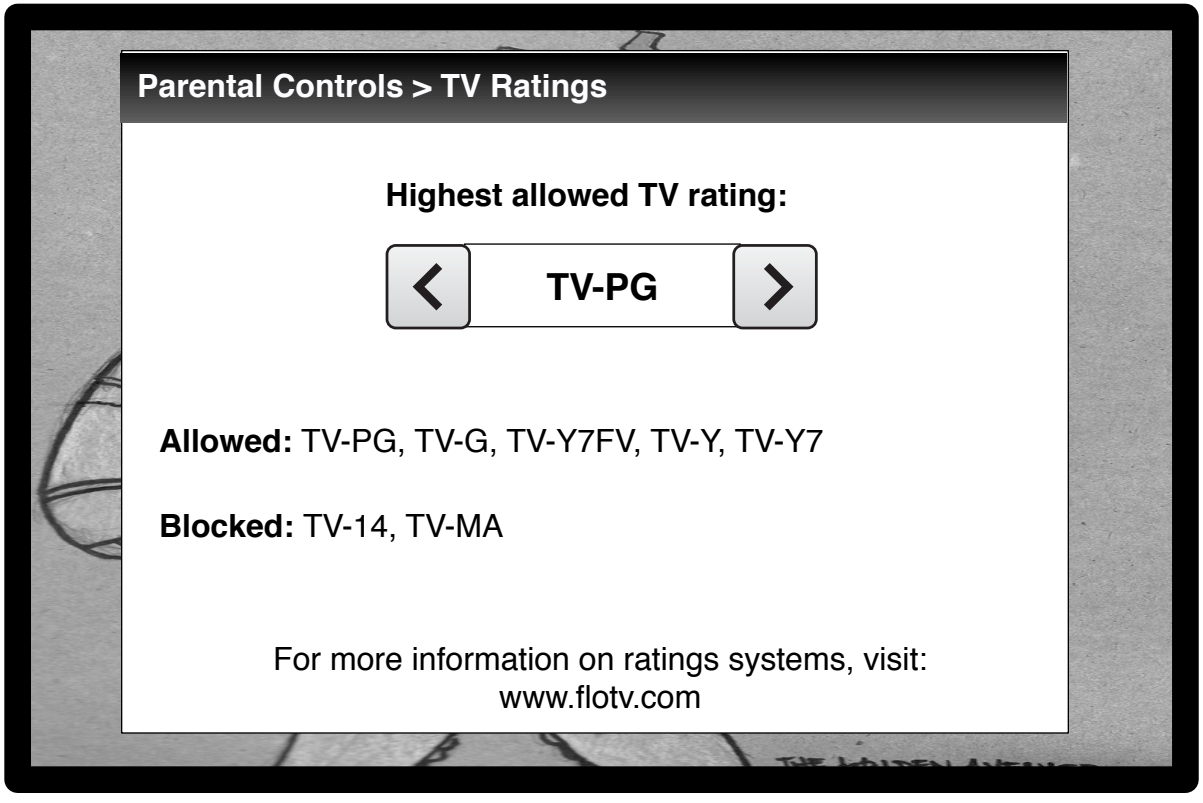


// TV Ratings Settings | TV-14



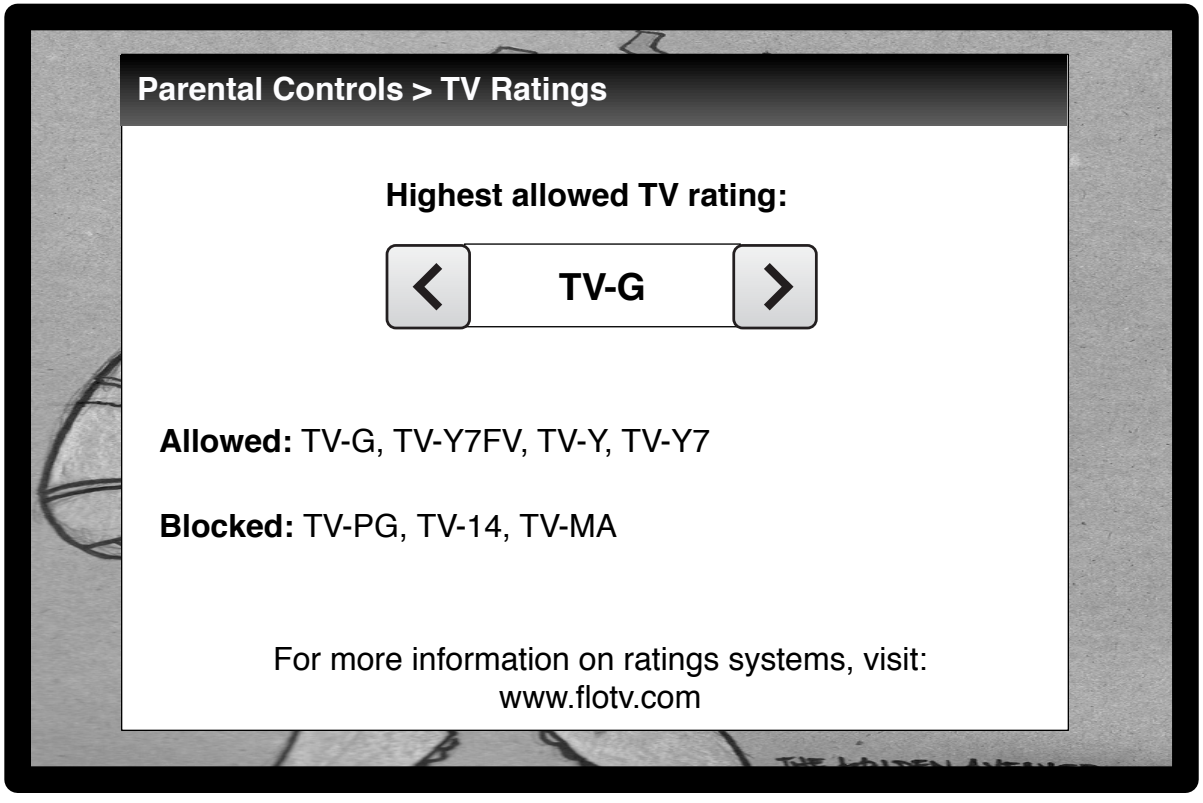


// TV Ratings Settings | TV-PG



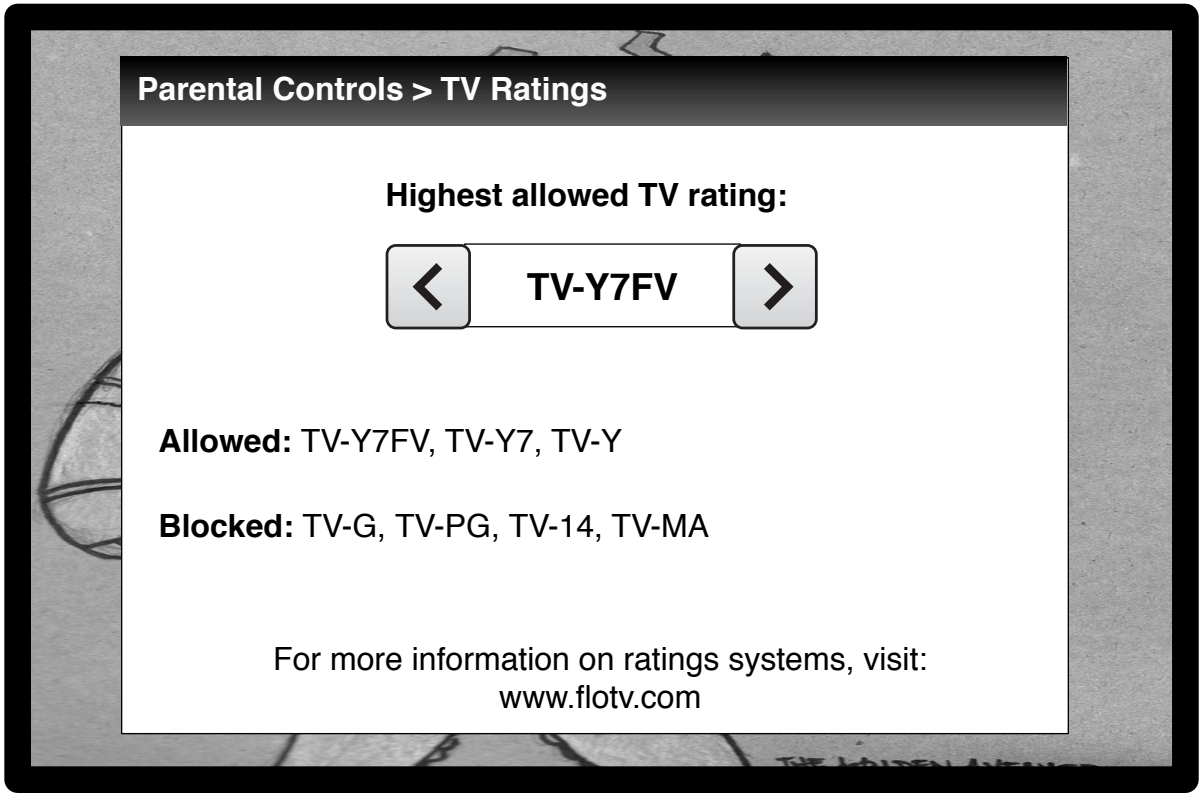


// TV Ratings Settings | TV-G



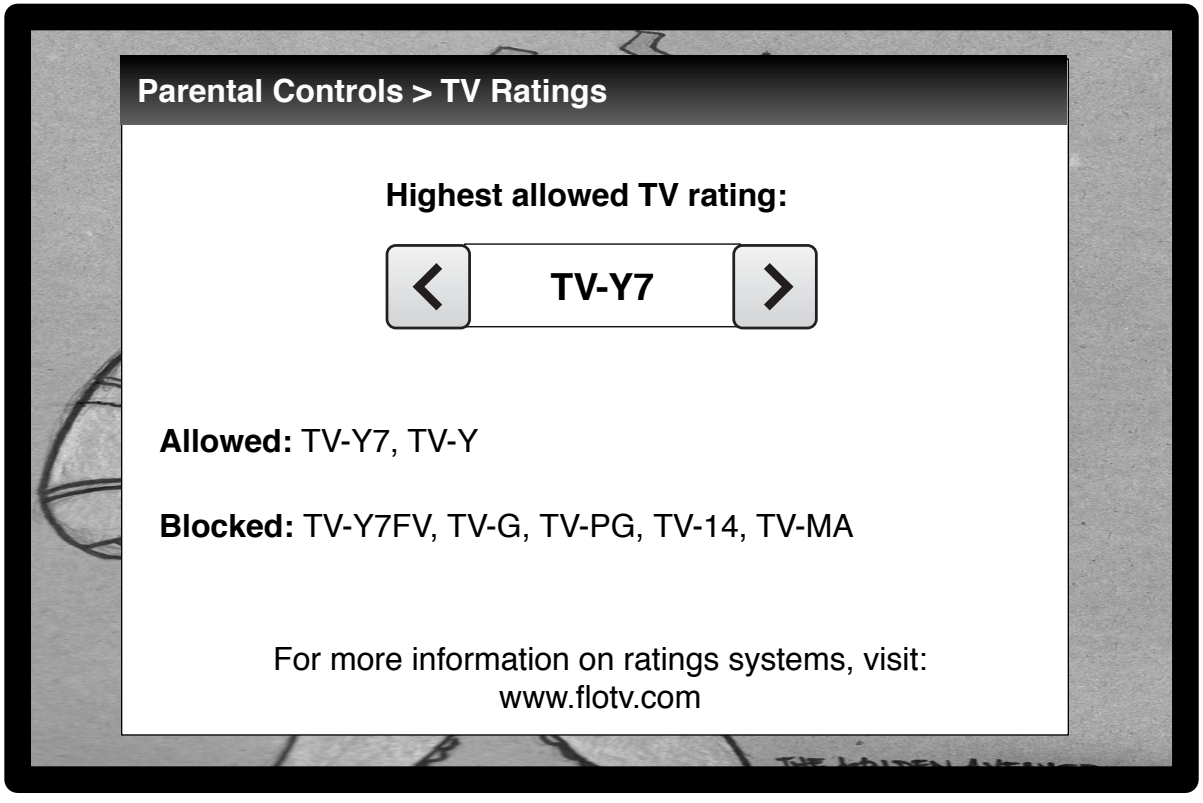


// TV Ratings Settings | TV-Y7FV



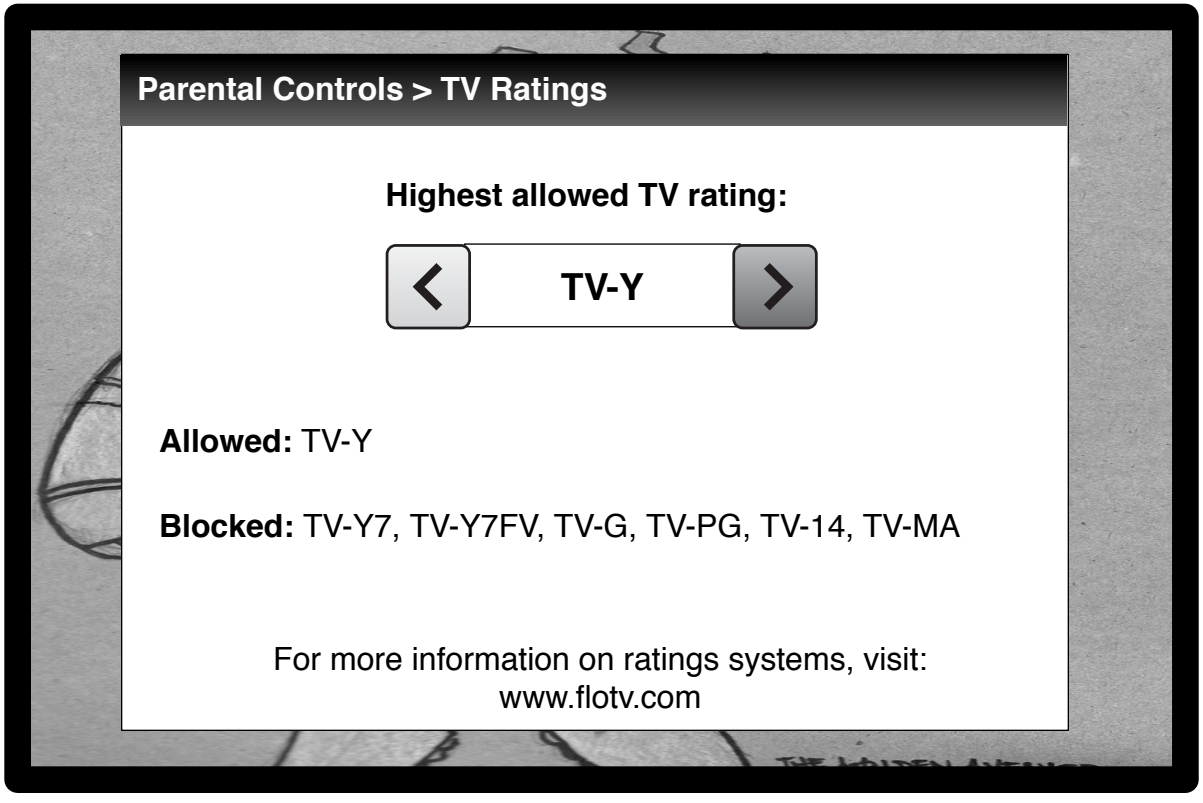


// TV Ratings Settings | TV-Y7





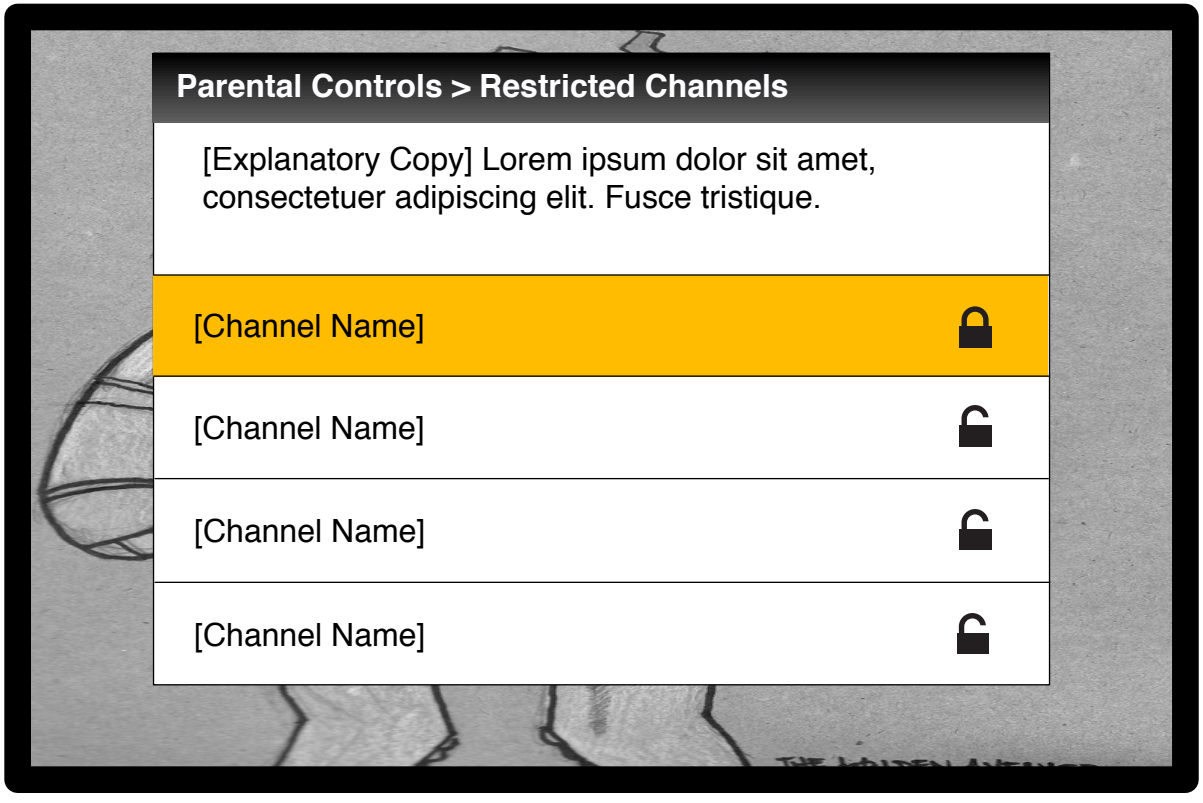
// TV Ratings Settings | TV-Y





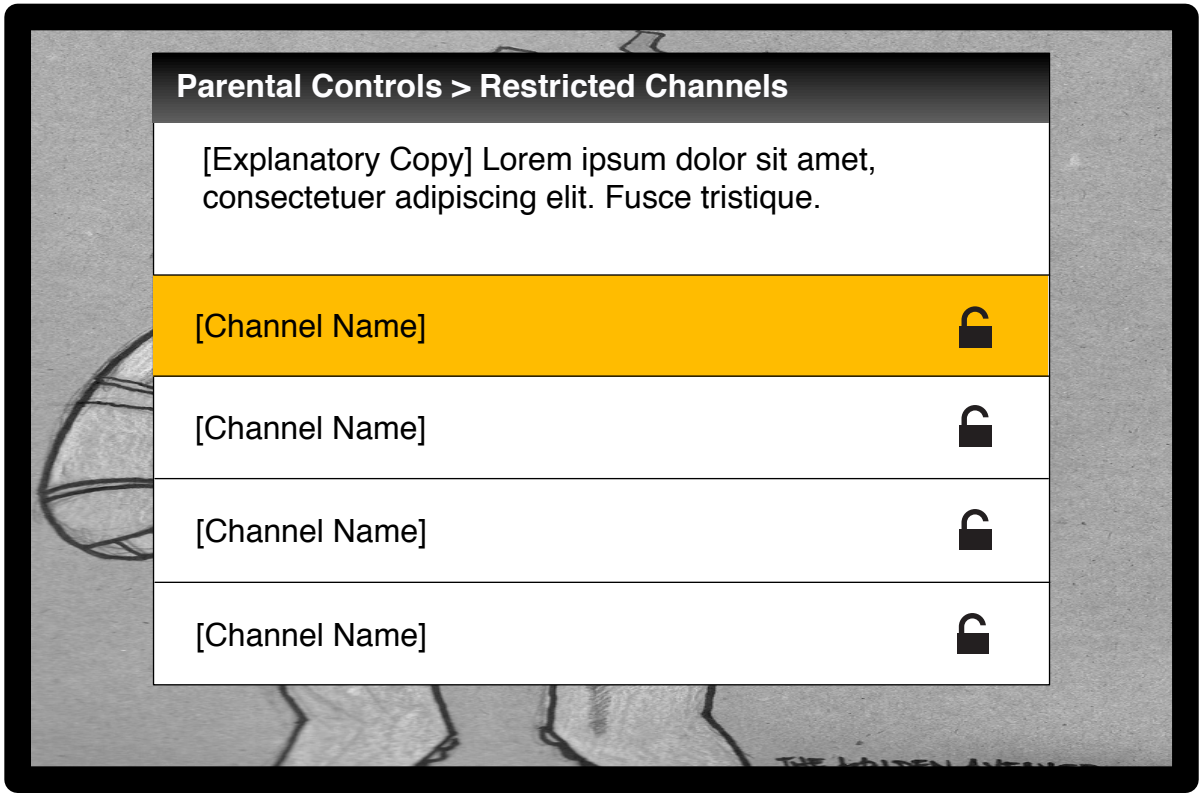
Blocked Channels

// Restricted Channels | Channel Locked





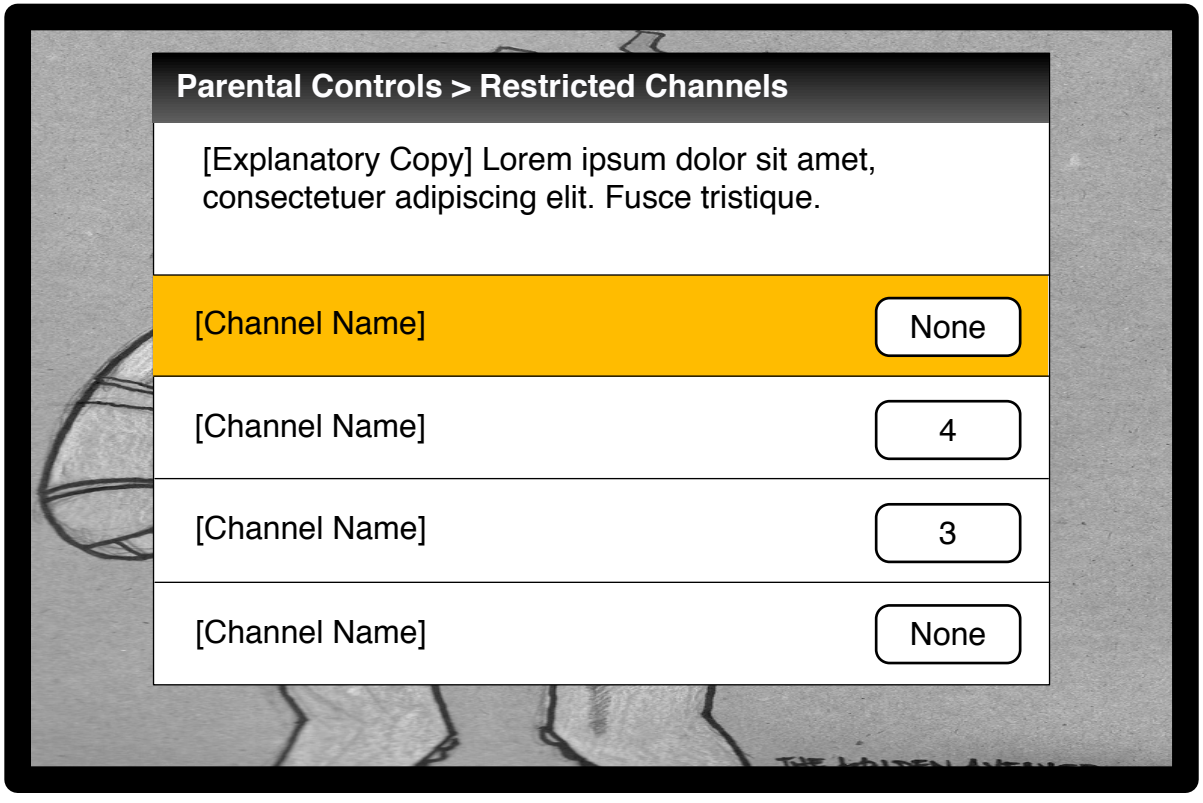
// Restricted Channels | Channel Unlocked





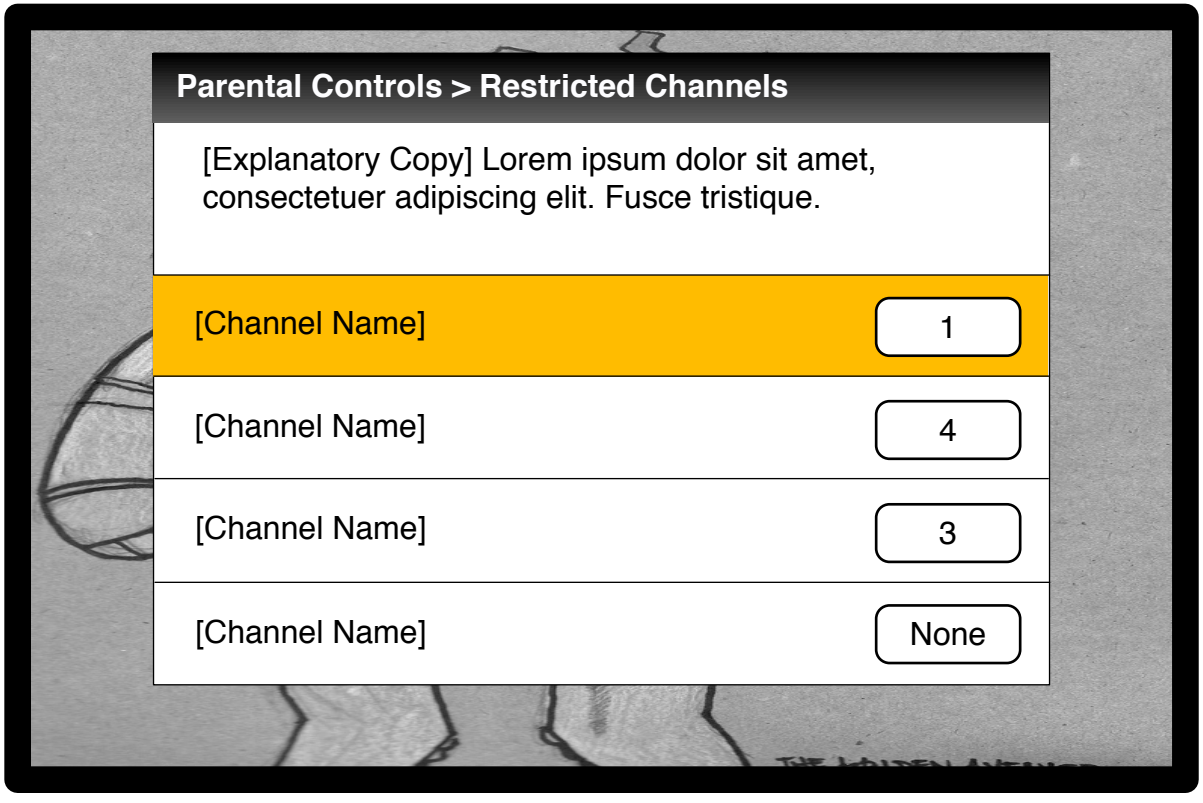
Favorite Channels

// Favorite Channels | View





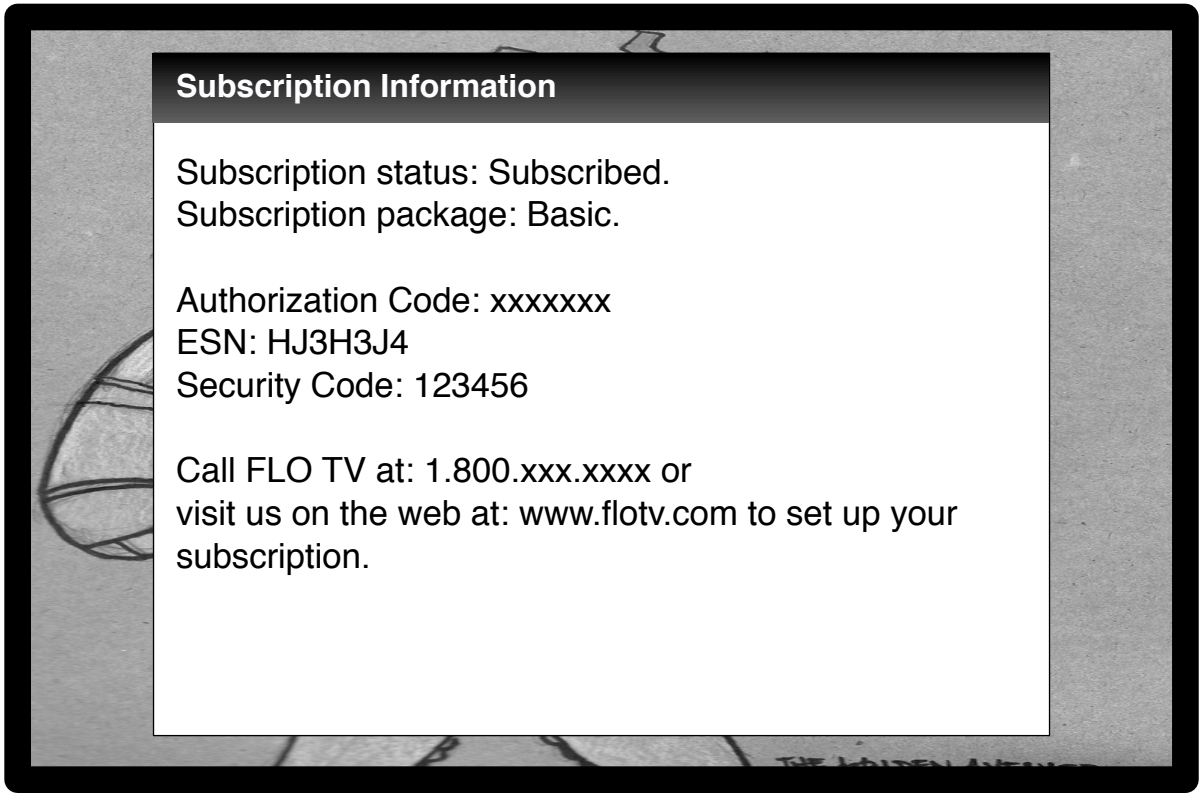
// Favorite Channels | Set





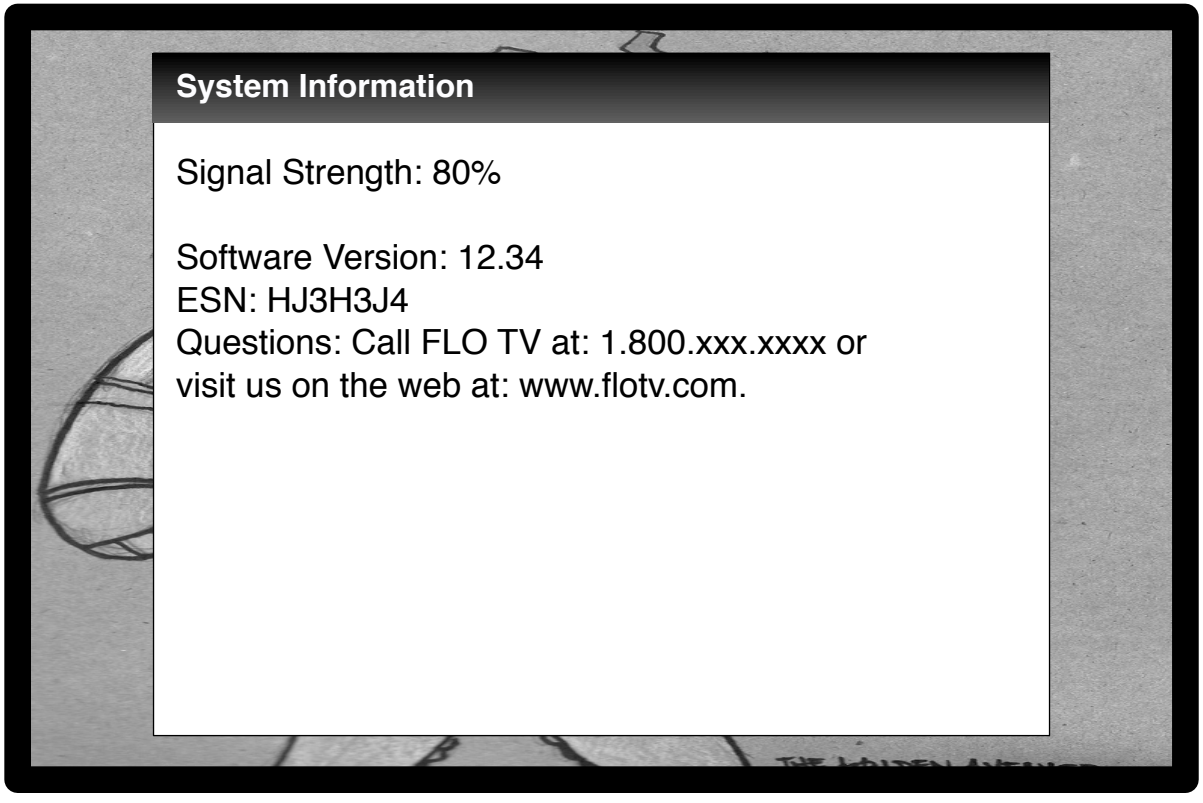
System & Subscription Information

// Subscription Information





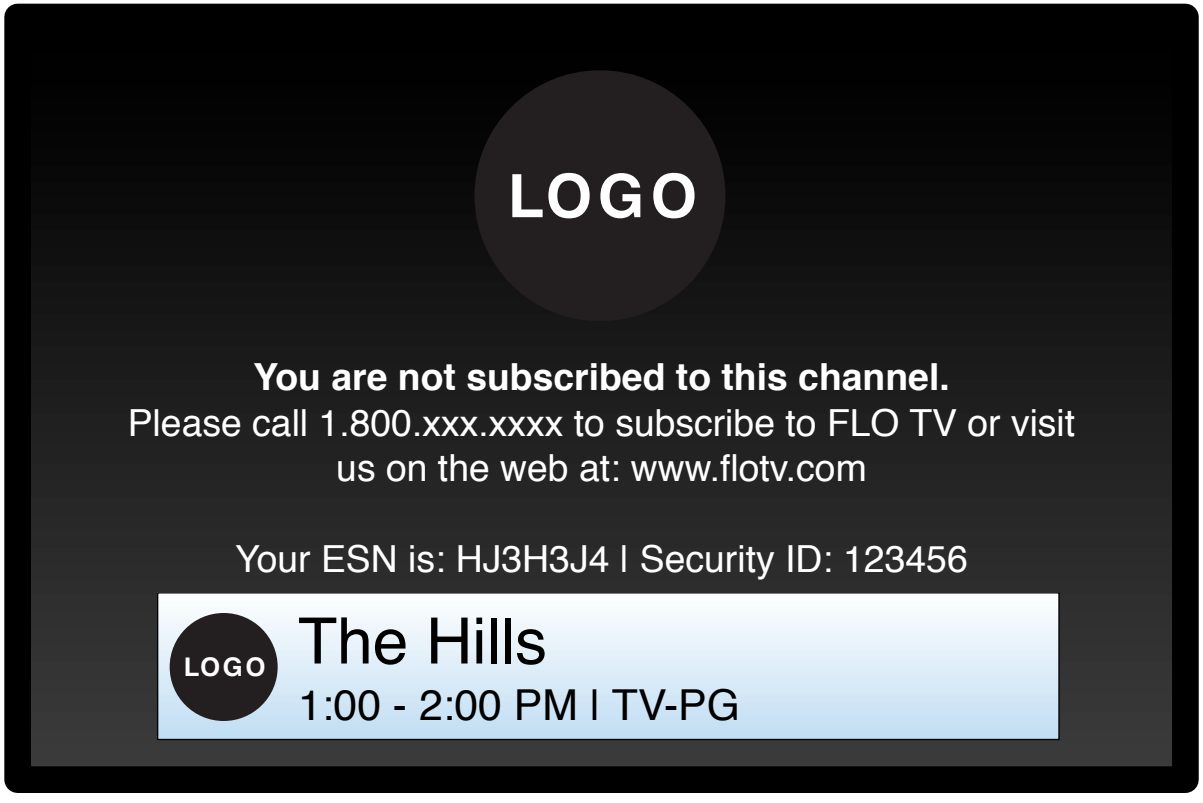
// System Information





Unsubscribed

// TV | Unsubscribed | Channel Info



Overlay Times Out



Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed | Show Description





Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed

LOGO

You are not subscribed to this channel.
Please call 1.800.xxx.xxxx to subscribe to FLO TV or visit us on the web at: www.flotv.com

Your ESN is: HJ3H3J4 I Security ID: 123456



Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed | Favorite Hint

LOGO

You are not subscribed to this channel.
Please call 1.800.xxx.xxxx to subscribe to FLO TV or visit us on the web at: www.flotv.com

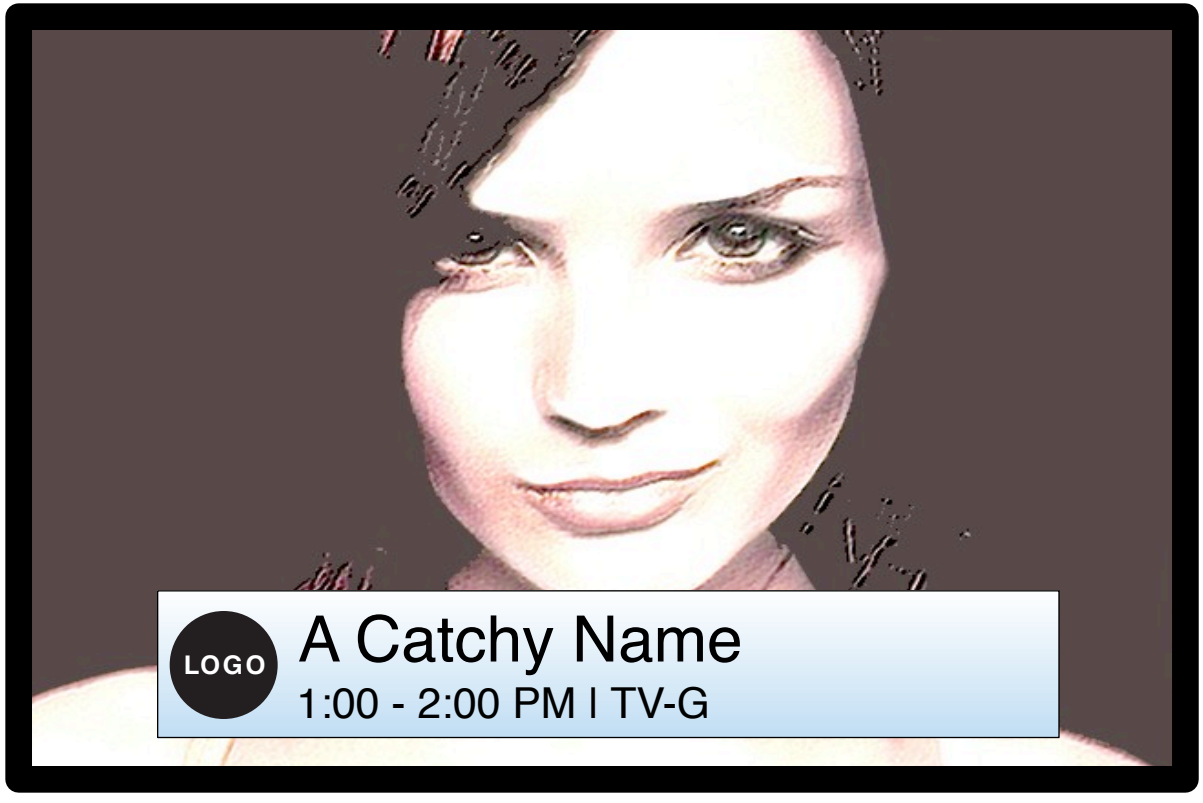
Your ESN is: HJ3H3J4 I Security ID: 123456

Set your favorite channels in the Settings menu.



Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed | FLO TV Channel Info



Overlay Times Out



Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed | FLO TV Show Description





Menu settings remains the same for subscribed and unsubscribed.

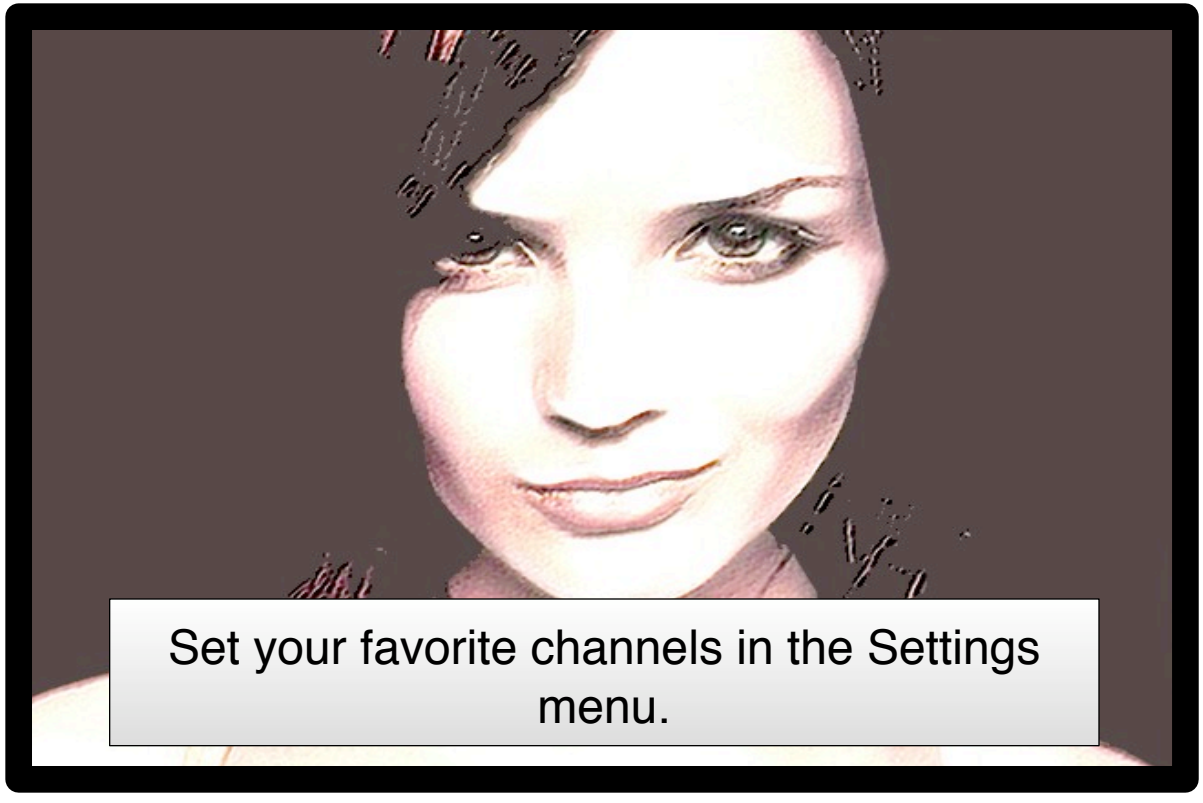
// TV | Unsubscribed | FLO TV Channel





Menu settings remains the same for subscribed and unsubscribed.

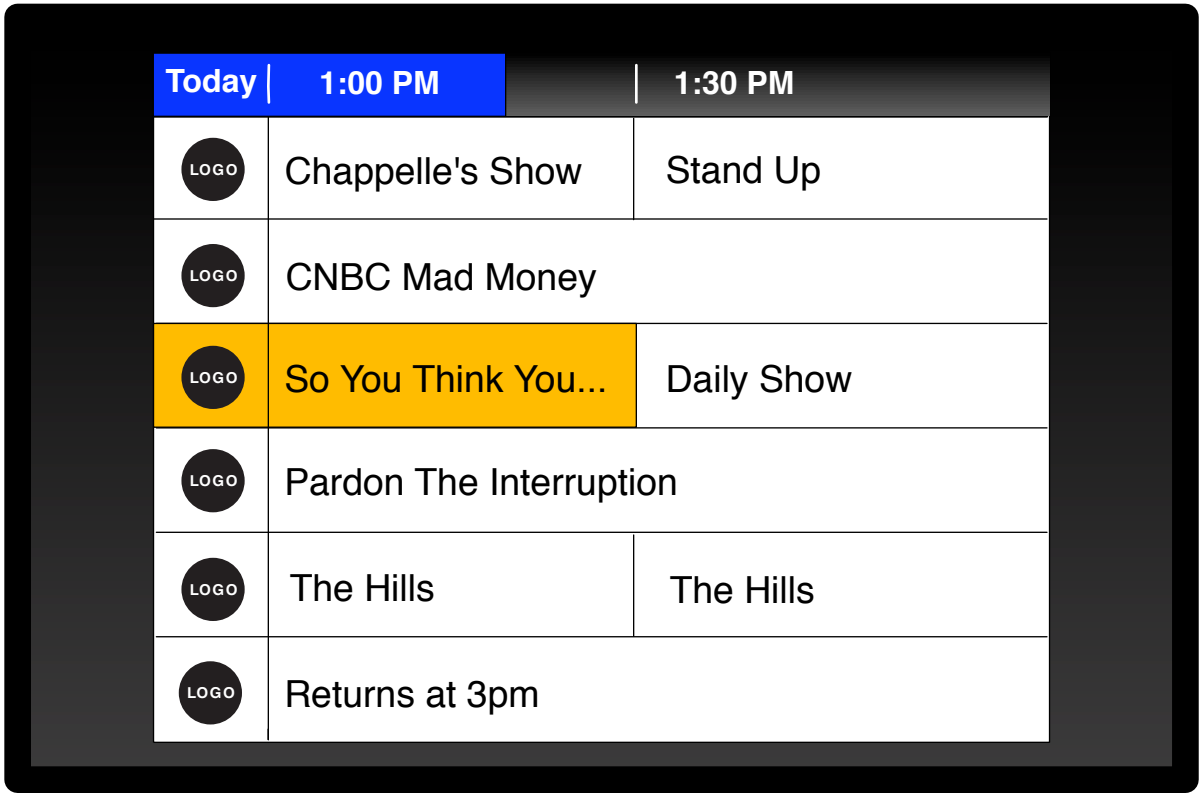
// TV | Unsubscribed | FLO TV Channel | Favorite Hint





Menu settings remains the same for subscribed and unsubscribed.

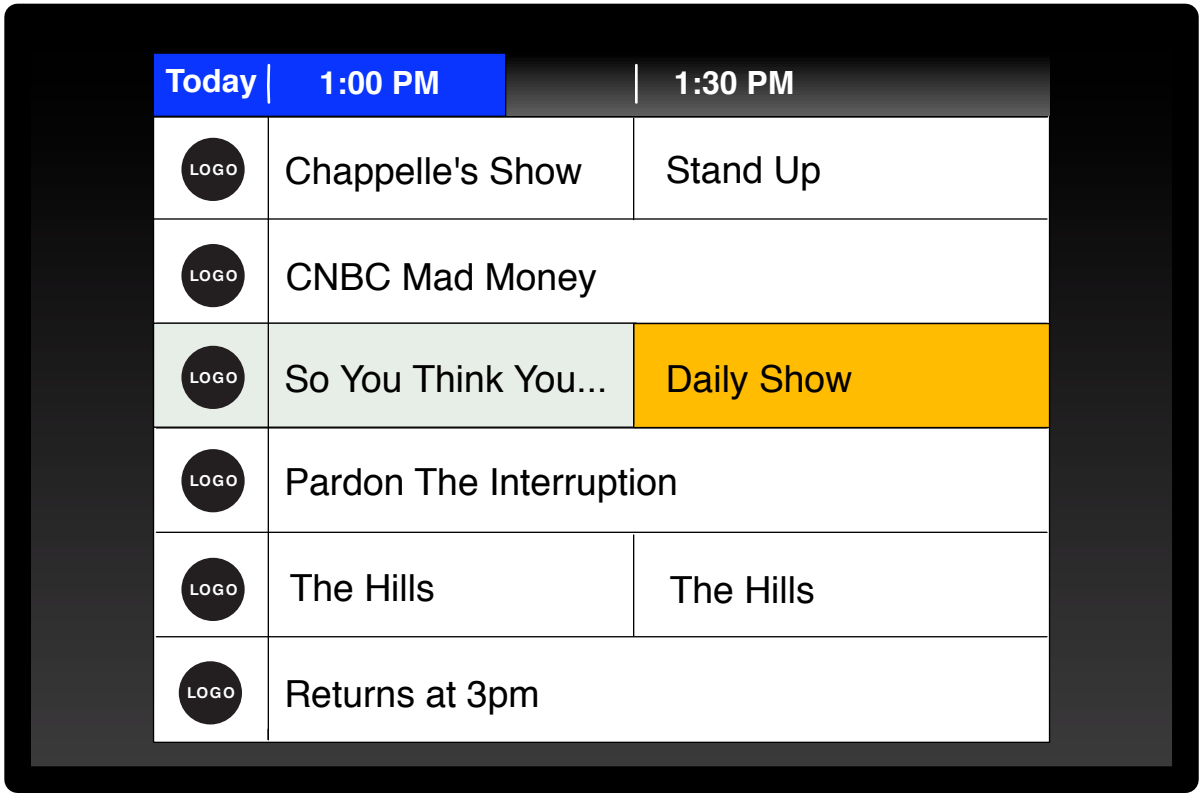
// TV | Unsubscribed | EPG





Menu settings remains the same for subscribed and unsubscribed.

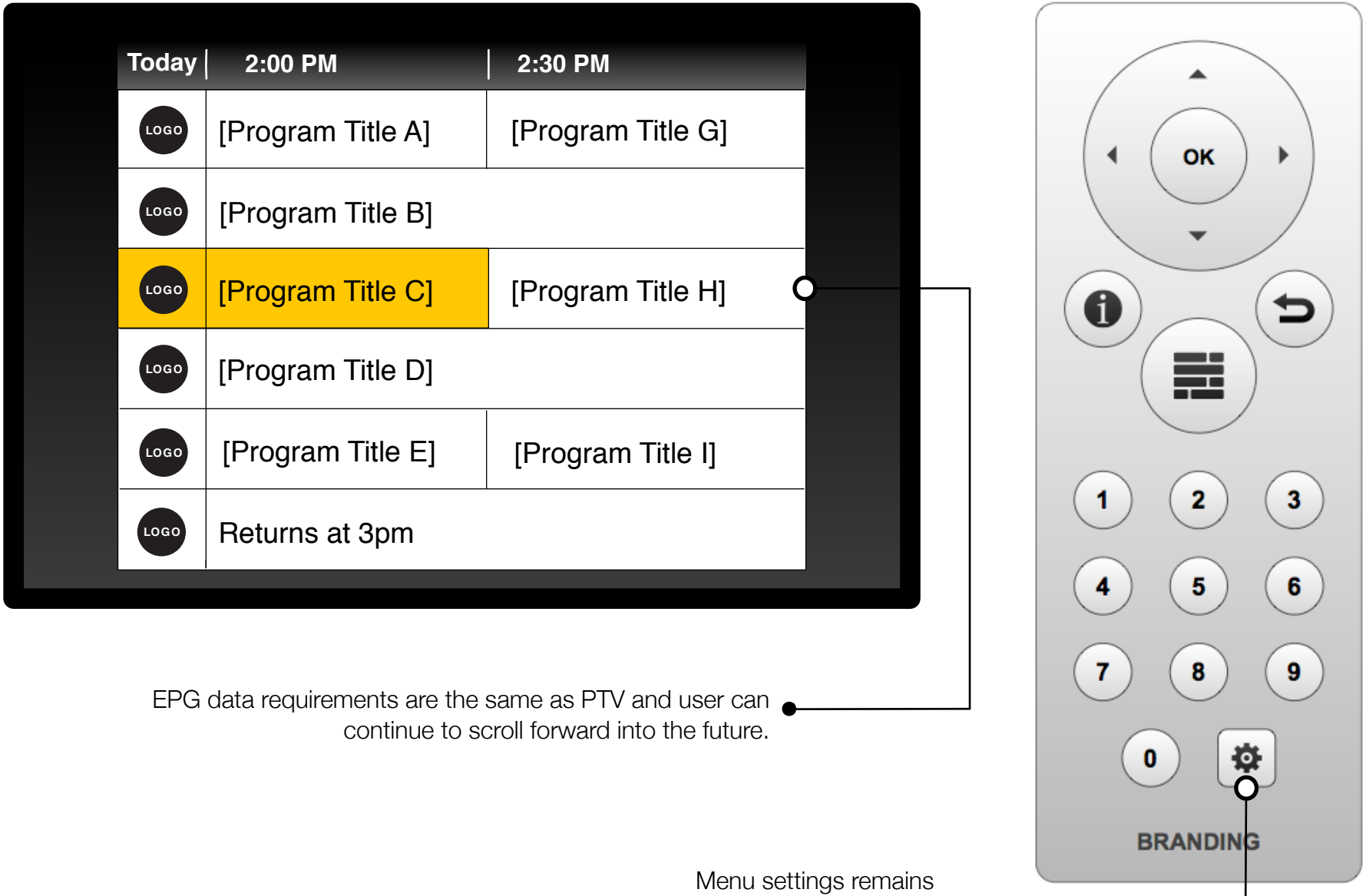
// TV | Unsubscribed | EPG Future Show





Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed | EPG More Guide Data



// TV | Unsubscribed | EPG Future Show Description

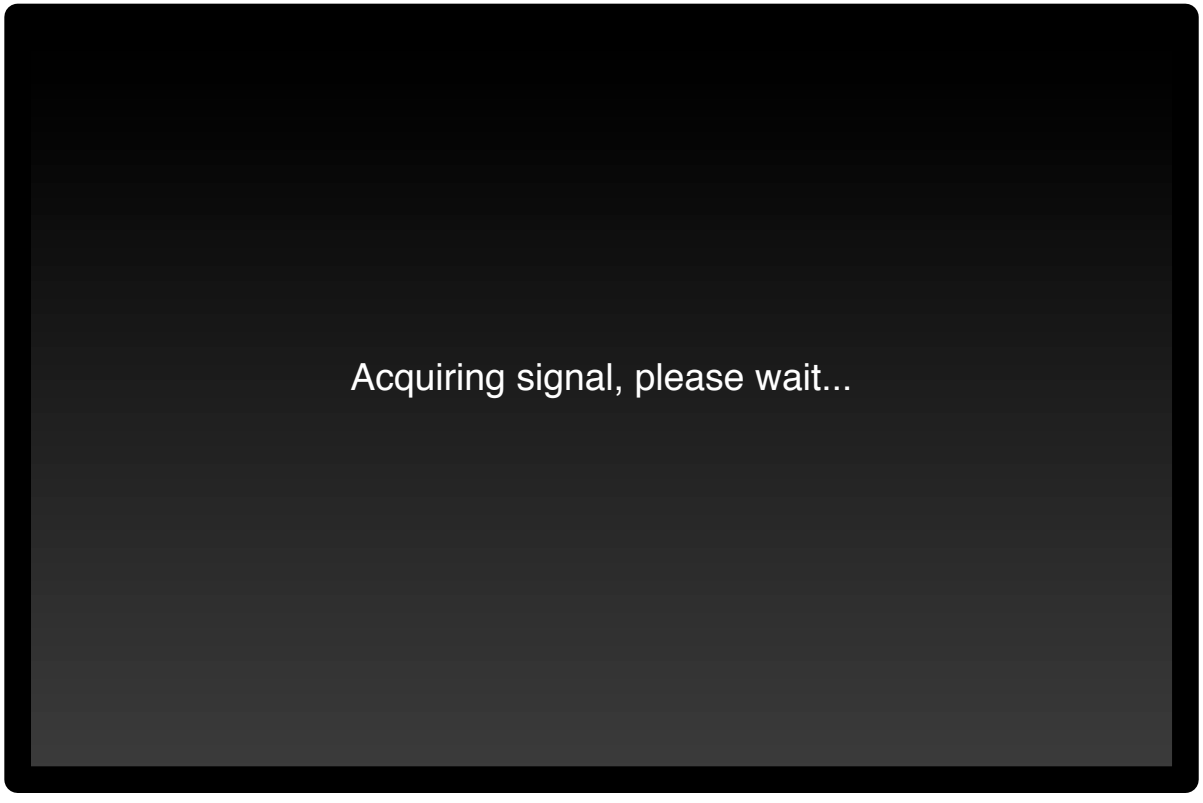




Menu settings remains the same for subscribed and unsubscribed.

Signal States

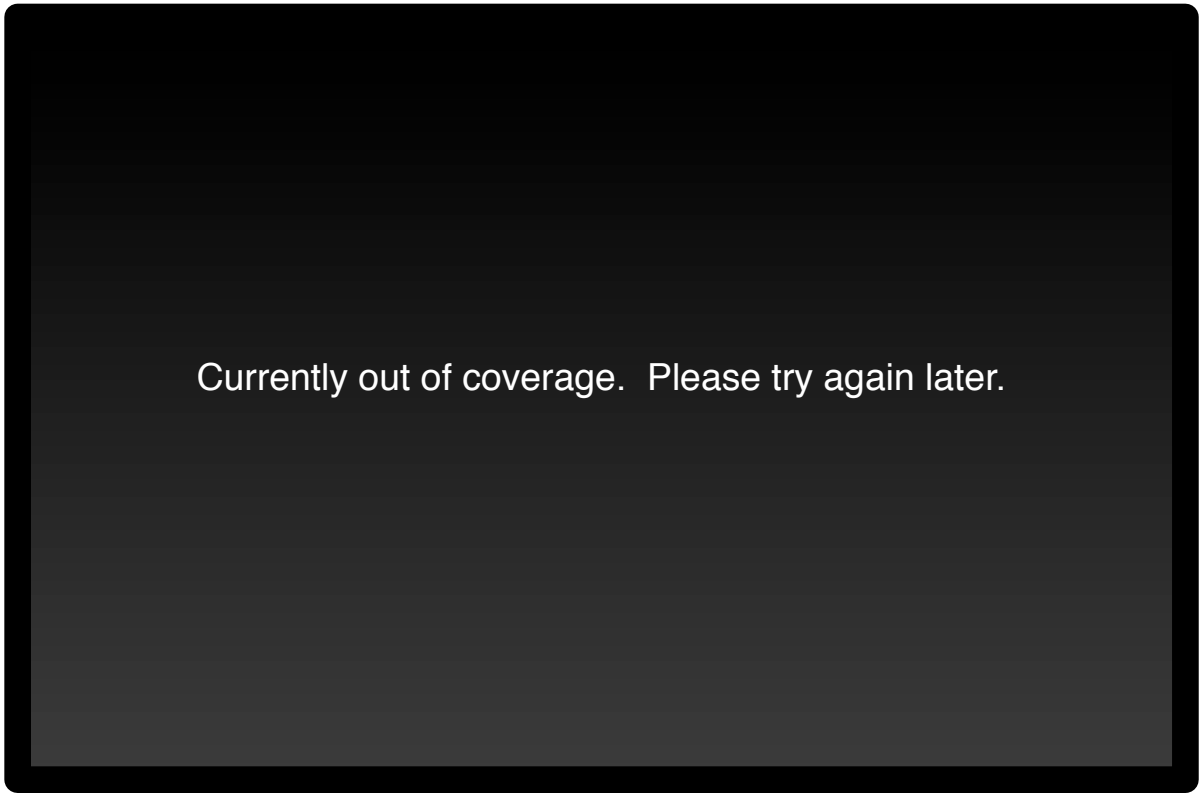
// TV | Acquiring Signal





Menu settings remains the same for subscribed and unsubscribed.

// TV | Out Of Coverage





Menu settings remains the same for subscribed and unsubscribed.

End