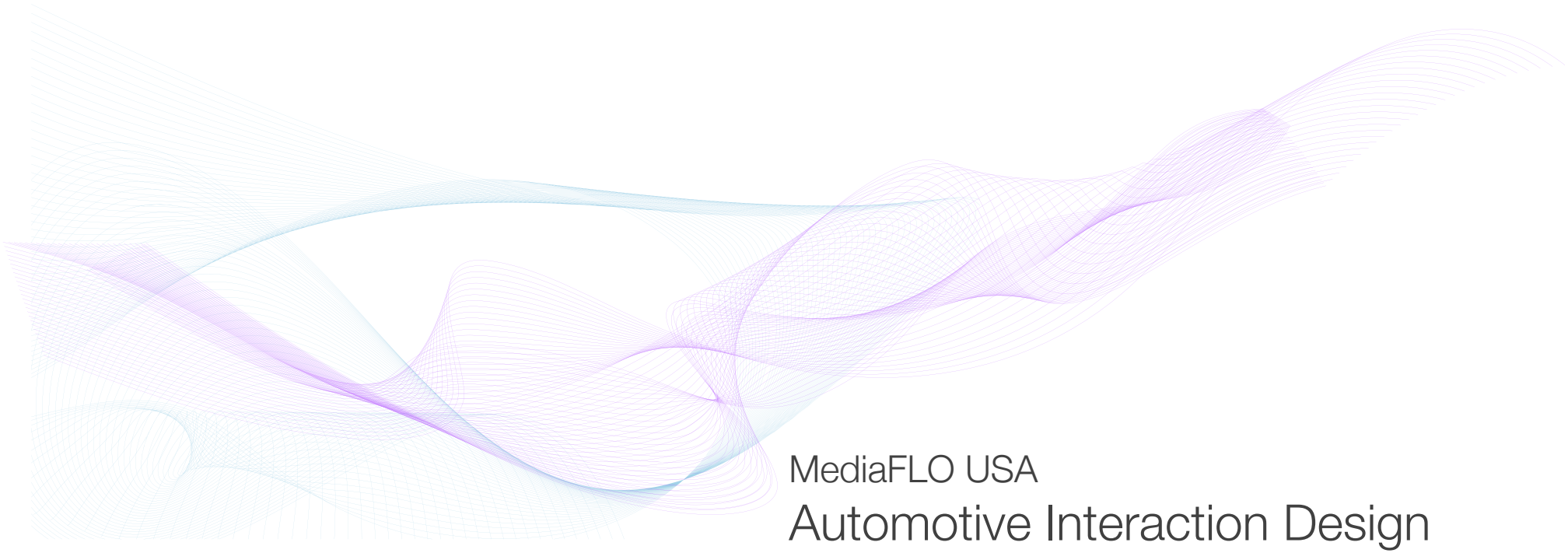


MediaFLO USA

Automotive Interaction Design

Interactive Wireframes

Mon Nov 17 2008

MUX

Allen Smith
MediaFLO User Experience

// Instructions

The following document represents an in-car MediaFLO system with front and rear displays consisting of hard key, touch screen, and remote 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. You can try clicking on the head unit hard keys, touch screen controls, and the remote control when viewing the rear display.

Navigating Wireframes

To get a feel for how this document works, go ahead and click on the designated areas. They will take you to other pages so you will need to page back but you will quickly see how the document should be used.

For the rear section, click on the remote control buttons.



In Gear Front View

Parked View

In Gear Rear View

Unsubscribed State

Switching Modes

To switch the mode of the car, or identify which mode you're currently viewing in, simply use the buttons at the bottom of every page. The button in focus signifies which mode of the car you're in while the active buttons allow you to switch to that mode.

Audio States



TV audio is not playing through car speakers.



TV audio is playing through car speakers.



TV audio is playing only through headset.

In Gear Head Unit Display

// In Gear Launch



Enter TV Mode

In Gear Front View

Parked View

In Gear Rear View



// TV On | CBS | In Gear



In Gear Front View

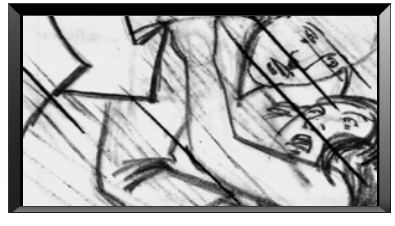
Parked View

In Gear Rear View

Channel tuning defaults to last viewed channel.

View state when driver goes from Drive to Park with TV on.

Rear Display



// Channel Information | CBS | In Gear



In Gear Front View

Parked View

In Gear Rear View

Overlay Times Out

Rear Display



// TV On | FOX | In Gear



In Gear Front View

Parked View

In Gear Rear View

Rear Display



// Channel Information | FOX | In Gear



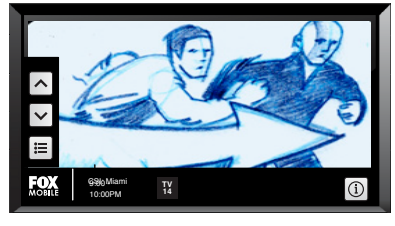
In Gear Front View

Parked View

In Gear Rear View

Overlay Times Out

Rear Display



// Blocked Channel Information | NBC | In Gear



In Gear Front View

Parked View

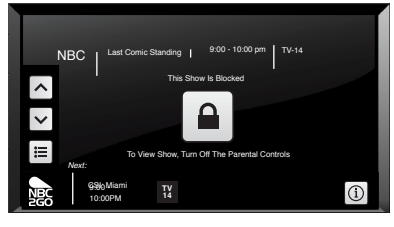
In Gear Rear View

Overlay Times Out

Unblock Channel

Show same channel as if unblocked from Parental Controls.

Rear Display



// Blocked Show | NBC | In Gear



In Gear Front View

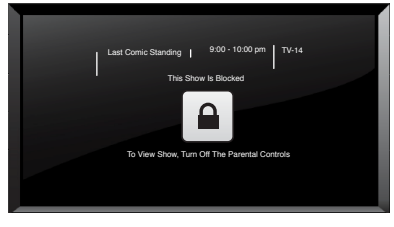
Parked View

In Gear Rear View

Unblock Channel

Show same channel as if unblocked from Parental Controls.

Rear Display



// Unblocked Show | NBC | In Gear

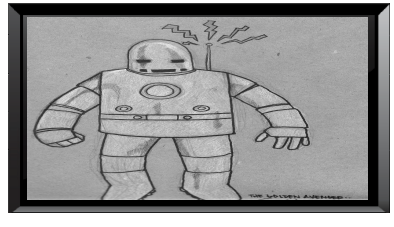


In Gear Front View

Parked View

In Gear Rear View

Rear Display



// Part-time Channel | In Gear

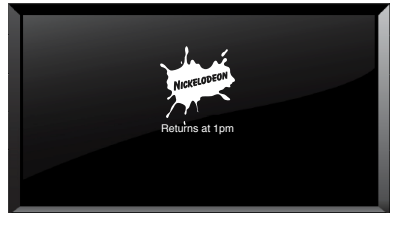


In Gear Front View

Parked View

In Gear Rear View

Rear Display



// Part-time Channel | Show Information | In Gear

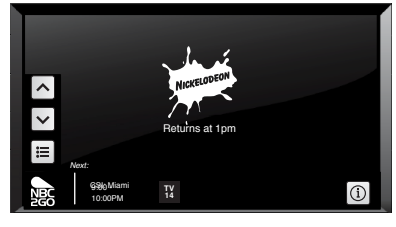


In Gear Front View

Parked View

In Gear Rear View

Rear Display



Parked Head Unit Display

// Radio Menu | Park Launch



In Gear Front View

Parked View

In Gear Rear View



// Transition Drive To Park | CBS



In Gear Front View

Parked View

In Gear Rear View

When going from Drive to Park with TV on, Driver must select the "View TV" button to switch to video.

Rear Display



// Transition Drive To Park | FOX



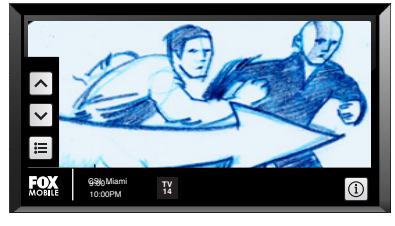
In Gear Front View

Parked View

In Gear Rear View

When going from Drive to Park with TV on, Driver must select the "View TV" button to switch to video.

Rear Display



// Transition Drive To Park | Blocked Channel



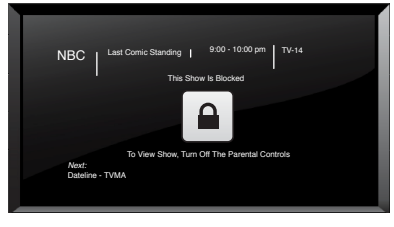
In Gear Front View

Parked View

In Gear Rear View

When going from Drive to Park with TV on, Driver must select the "View TV" button to switch to video.

Rear Display



// Transition Drive To Park | Off-air Channel



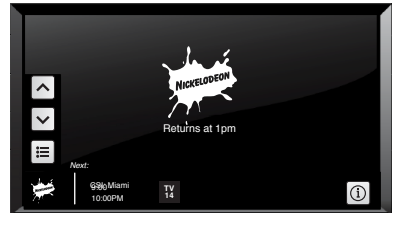
In Gear Front View

Parked View

In Gear Rear View

When going from Drive to Park with TV on, Driver must select the "View TV" button to switch to video.

Rear Display



// TV On | CBS | Parked



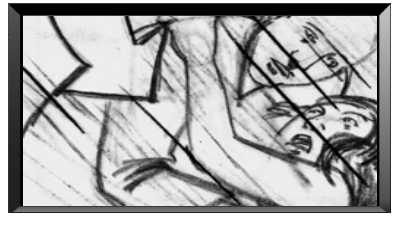
In Gear Front View

Parked View

In Gear Rear View

Touch screen to invoke channel change controls.

Rear Display



// Channel Information | CBS | Parked



In Gear Front View

Parked View

In Gear Rear View

Overlay Times Out

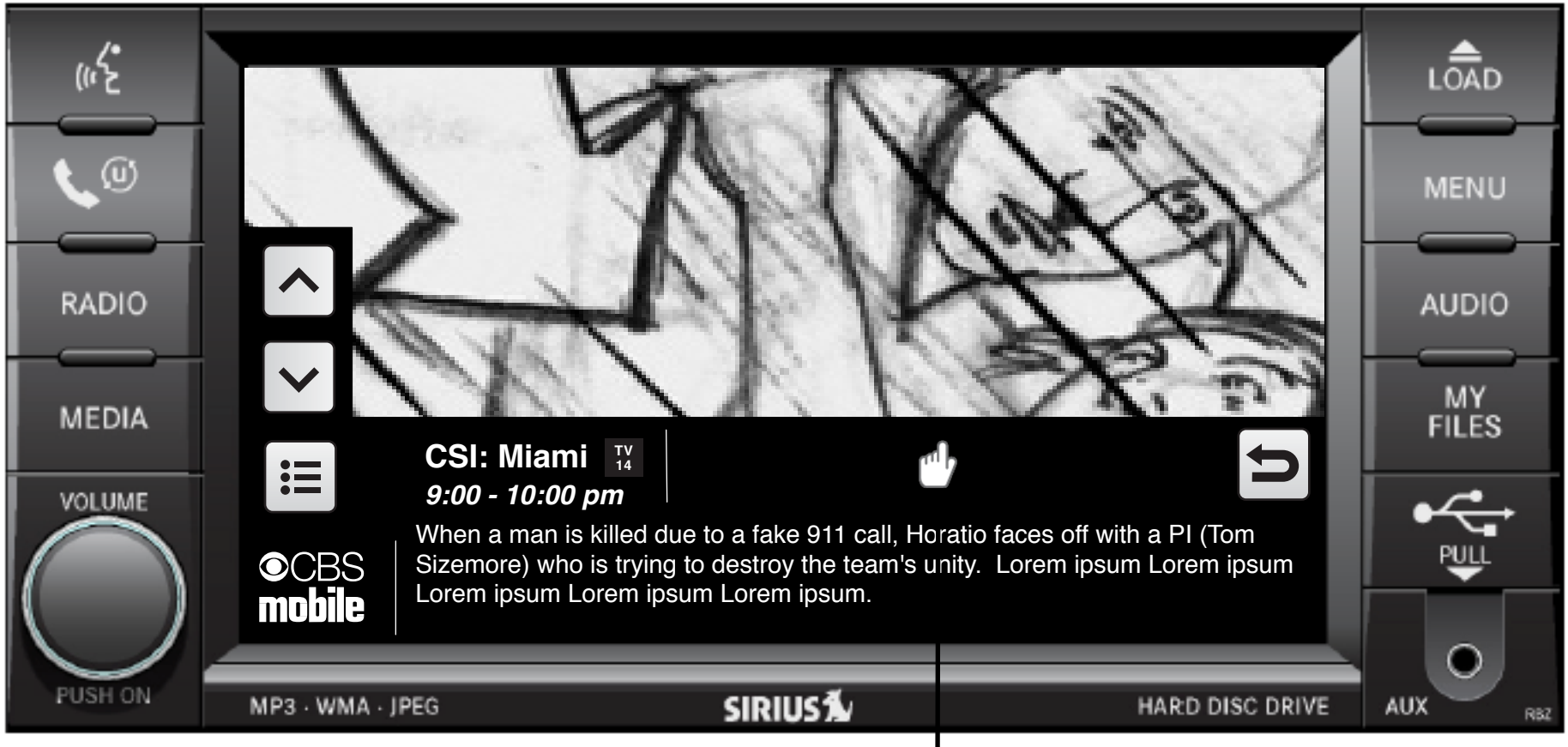
Touch screen to hide overlay controls.

Display show information.

Rear Display



// Show Description | CBS | Parked



In Gear Front View

Parked View

In Gear Rear View

Overlay Times Out

Touch screen to hide overlay controls.

Rear Display



// TV On | FOX | Parked



In Gear Front View

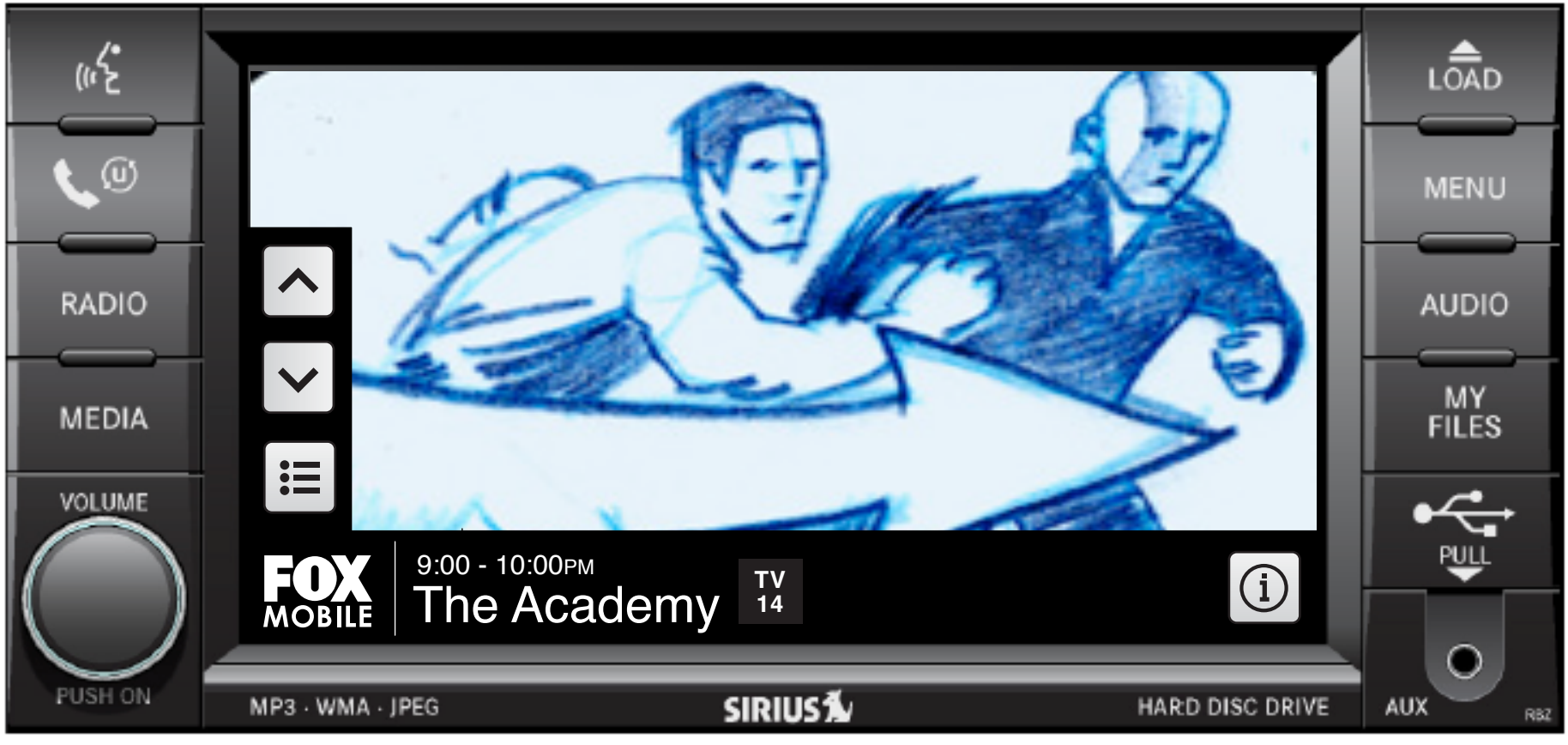
Parked View

In Gear Rear View

Rear Display



// Channel Information | FOX | Parked



In Gear Front View

Parked View

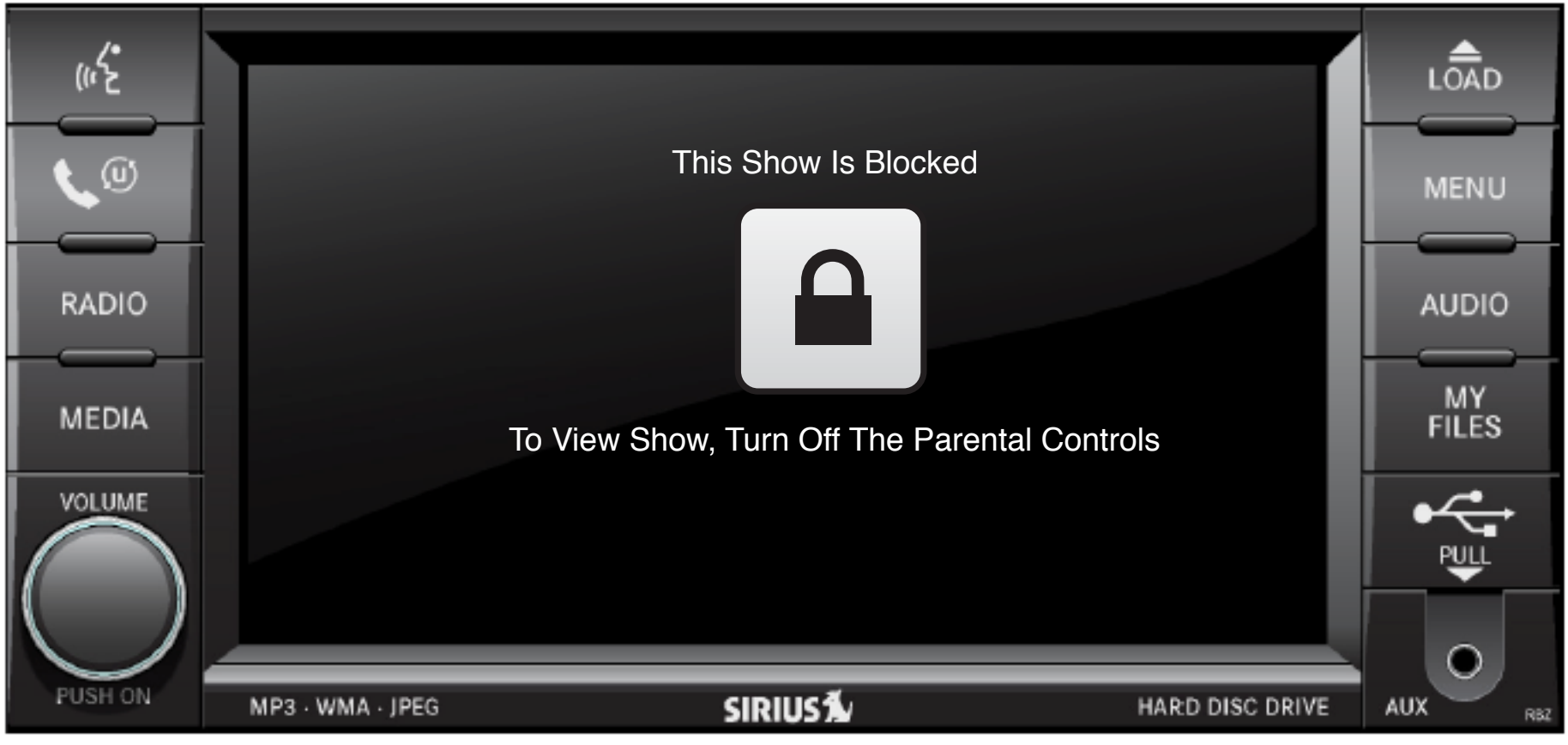
In Gear Rear View

Overlay Times Out

Rear Display



// Blocked Show | NBC | Parked



In Gear Front View

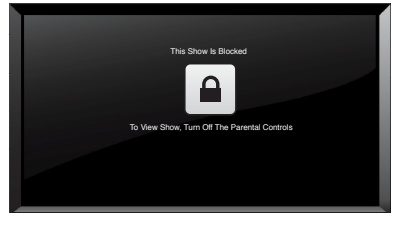
Parked View

In Gear Rear View

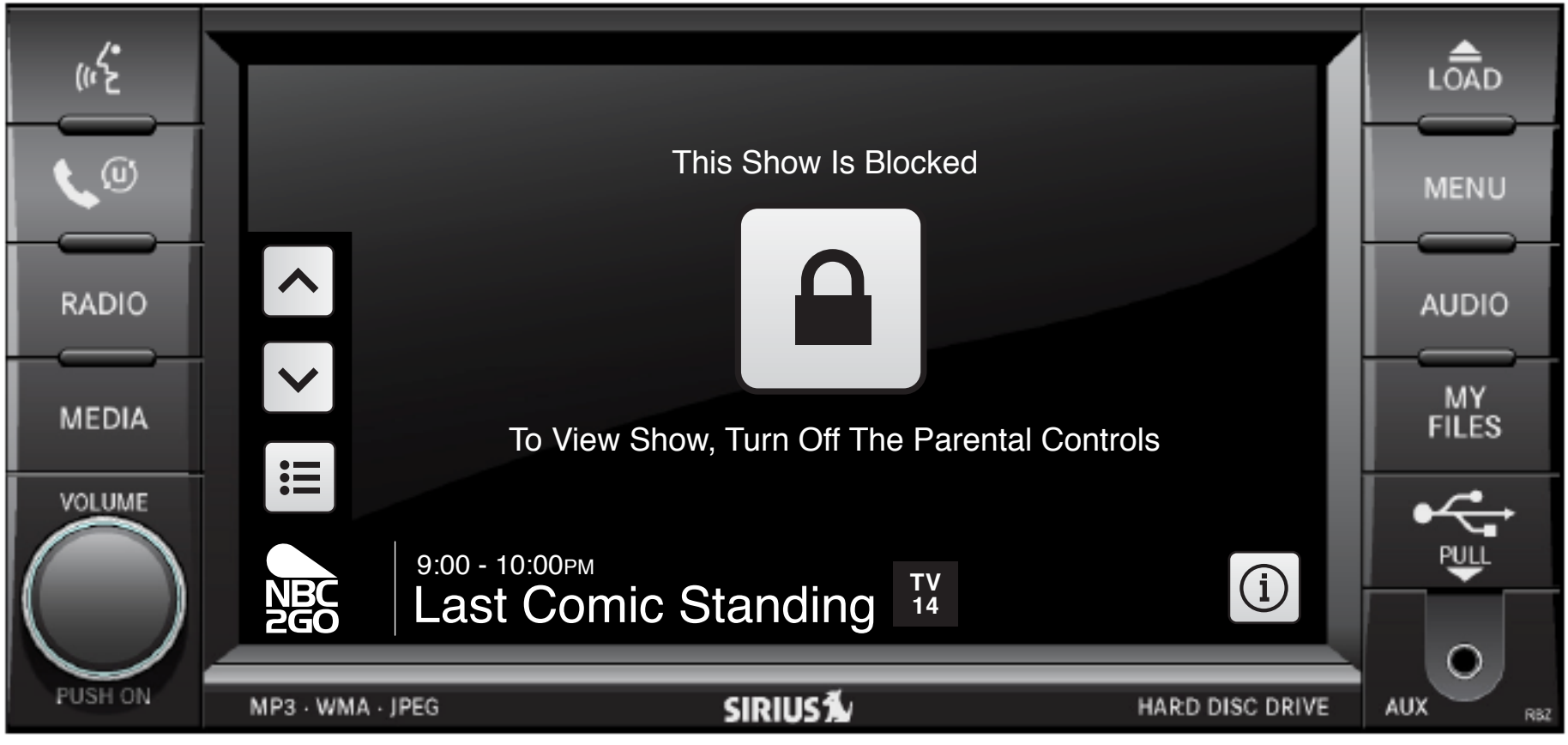
Unblock Channel

Show same channel as if unblocked from Parental Controls.

Rear Display



// Blocked Show Information | NBC | Parked



In Gear Front View

Parked View

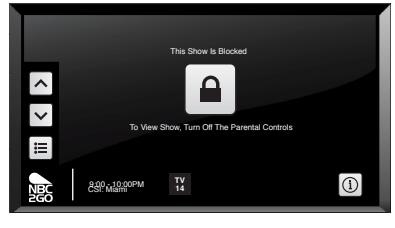
In Gear Rear View

Overlay Times Out

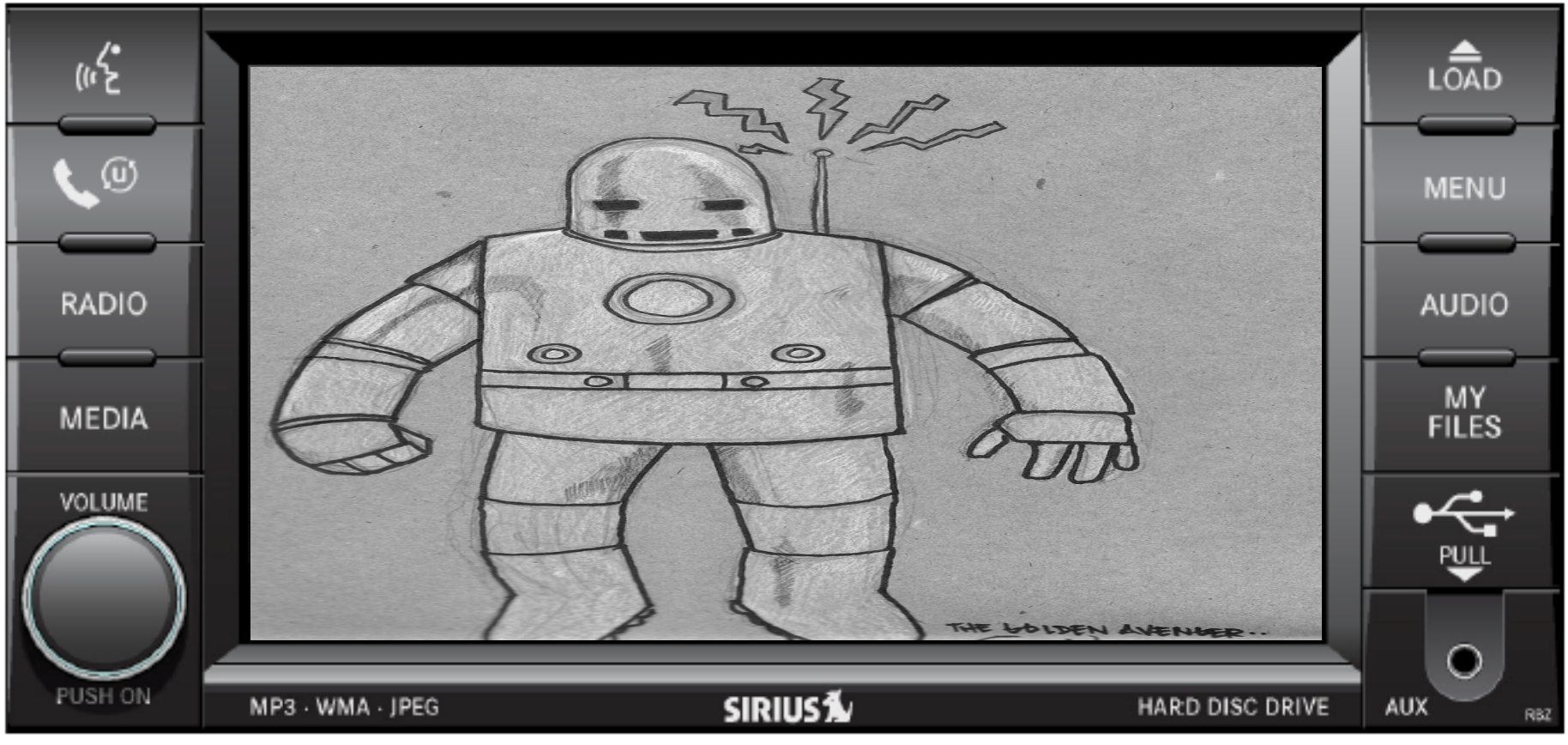
Unblock Channel

Show same channel as if unblocked from Parental Controls.

Rear Display



// Unblocked Show | NBC | Parked

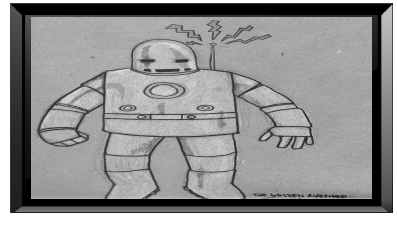


In Gear Front View

Parked View

In Gear Rear View

Rear Display



// Unblocked Channel Information | NBC | Parked



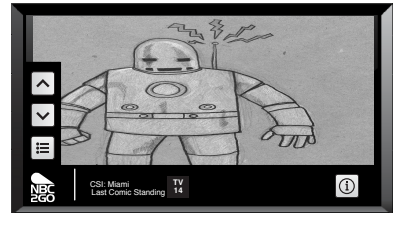
In Gear Front View

Parked View

In Gear Rear View

Overlay Times Out

Rear Display



// Part-time Channel Off-air | Nickelodeon | Parked



In Gear Front View

Parked View

In Gear Rear View

Rear Display



// Part-time Channel Off-air | Overlay | Nickelodeon | Parked



In Gear Front View

Parked View

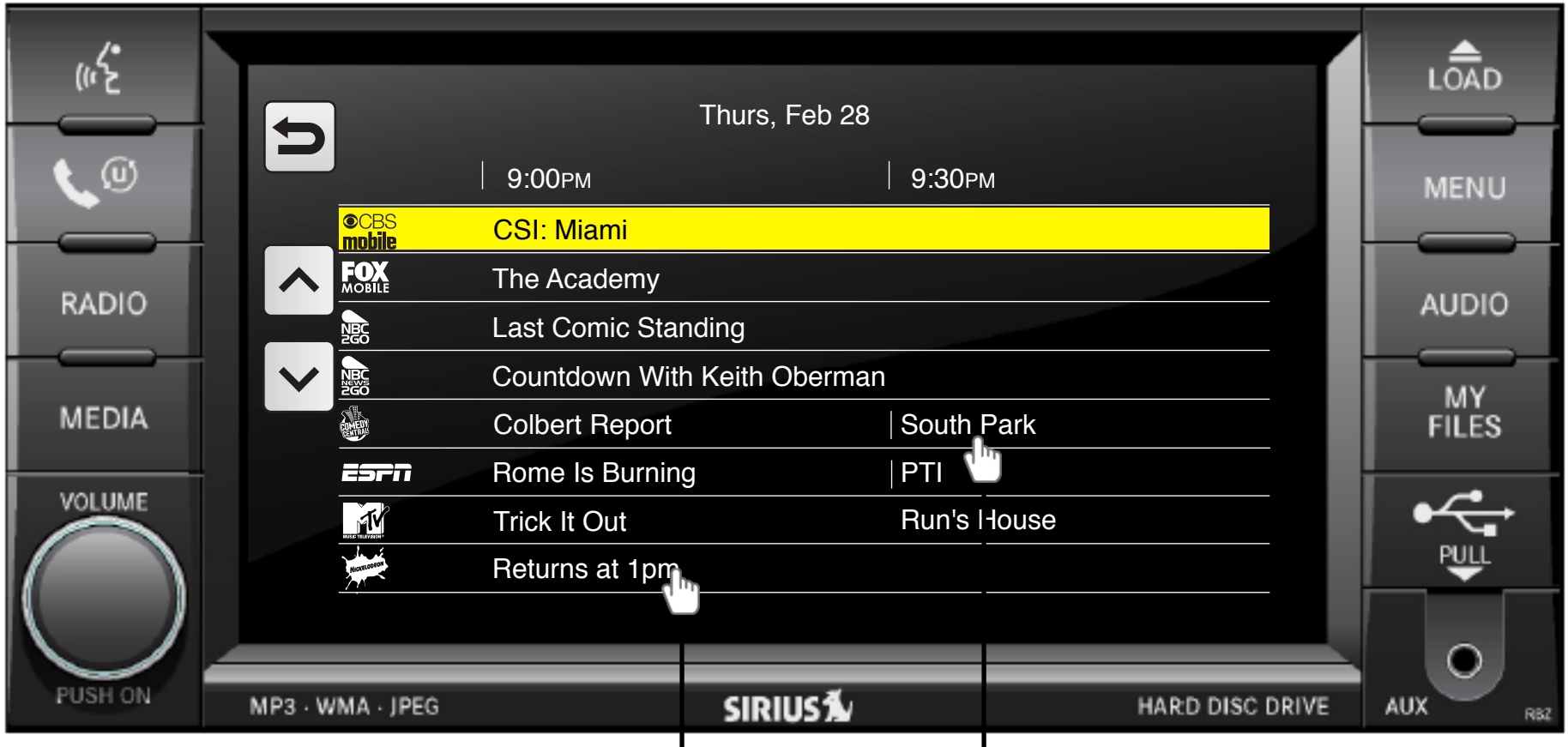
In Gear Rear View

Overlay Times Out

Rear Display



// EPG | Parked



In Gear Front View

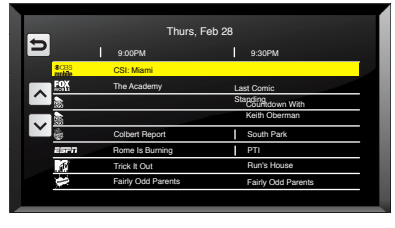
Parked View

In Gear Rear View

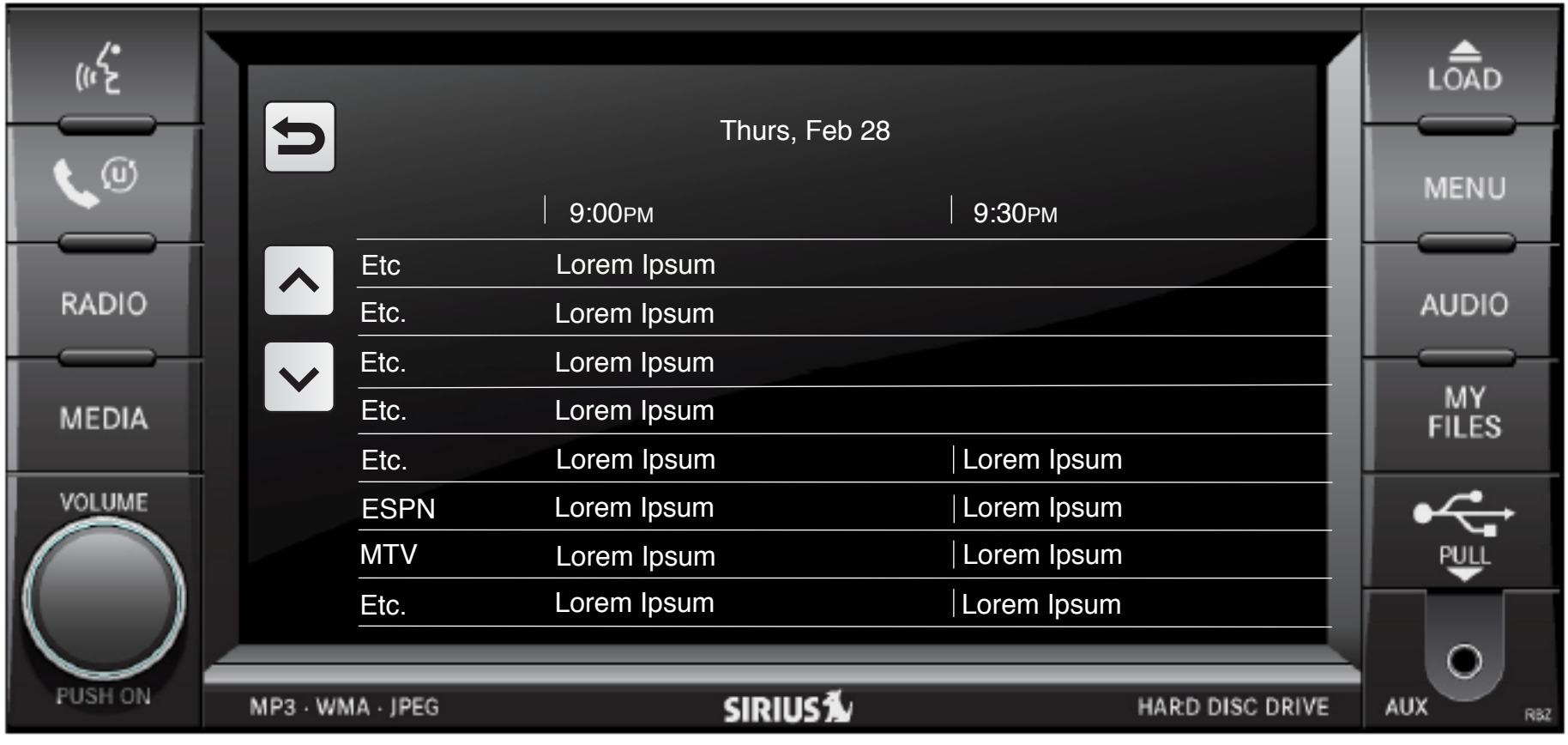
View future program information.

Tunes to off-air channel.

Rear Display



// EPG | Next Page | Parked

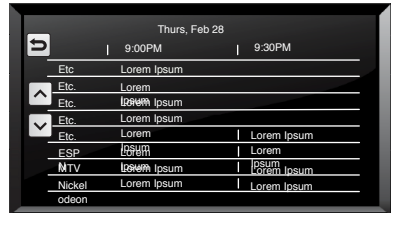


In Gear Front View

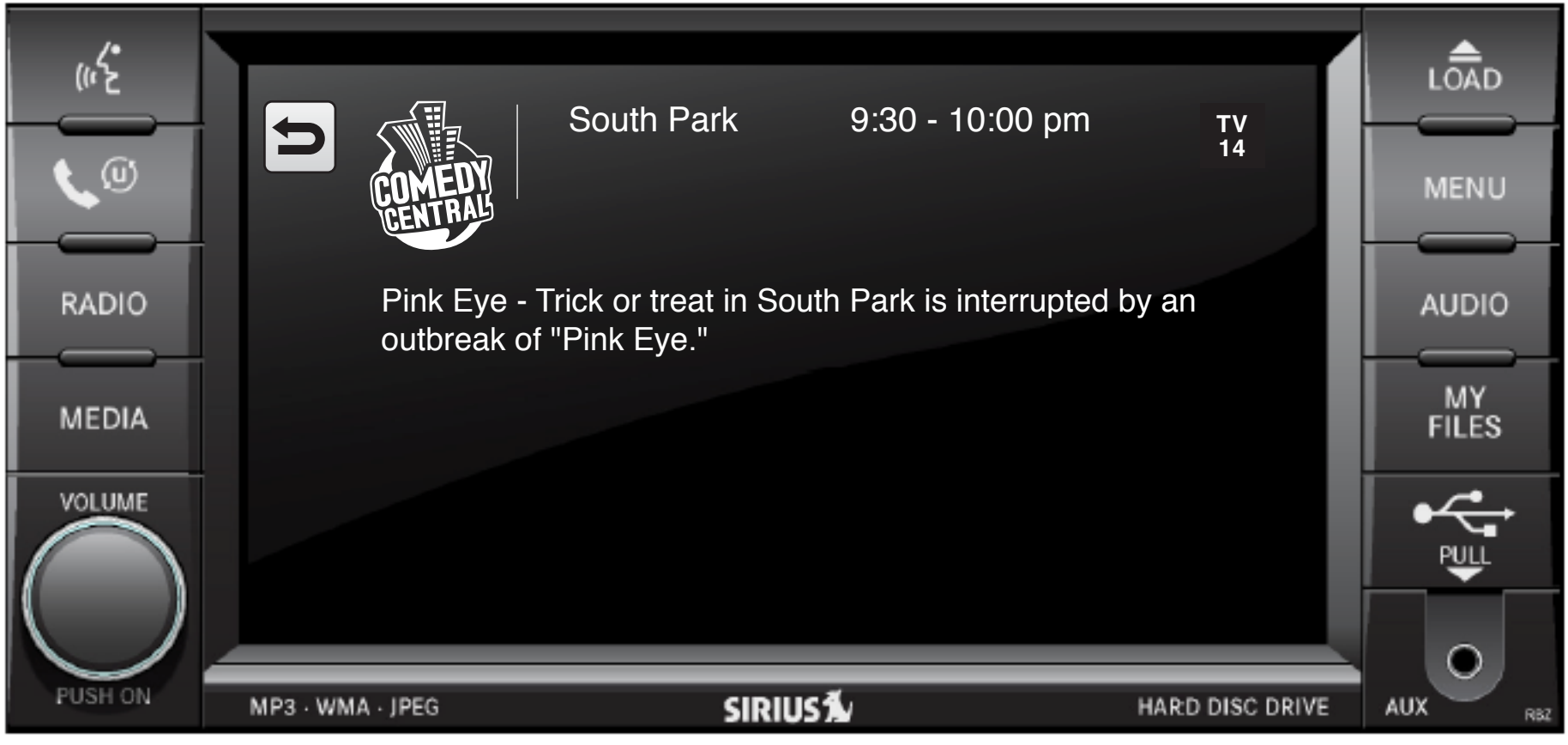
Parked View

In Gear Rear View

Rear Display



// EPG | More Info | Parked

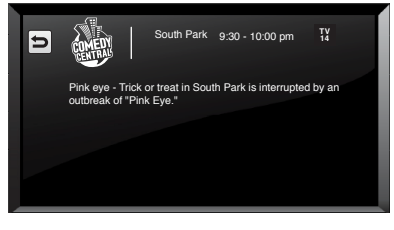


In Gear Front View

Parked View

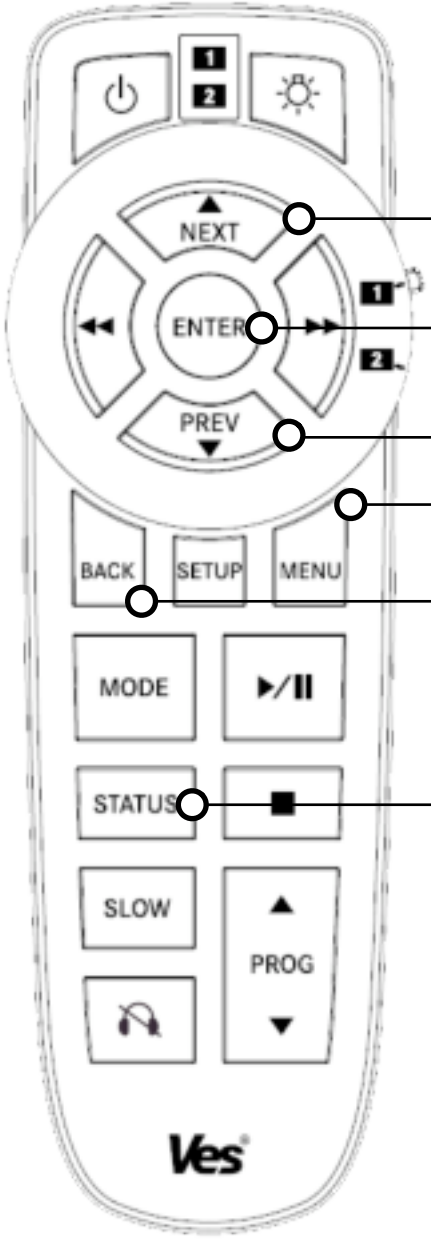
In Gear Rear View

Rear Display



Rear Display

// Remote Control Unit



Channel up / Hold down for Page Up in EPG

Select

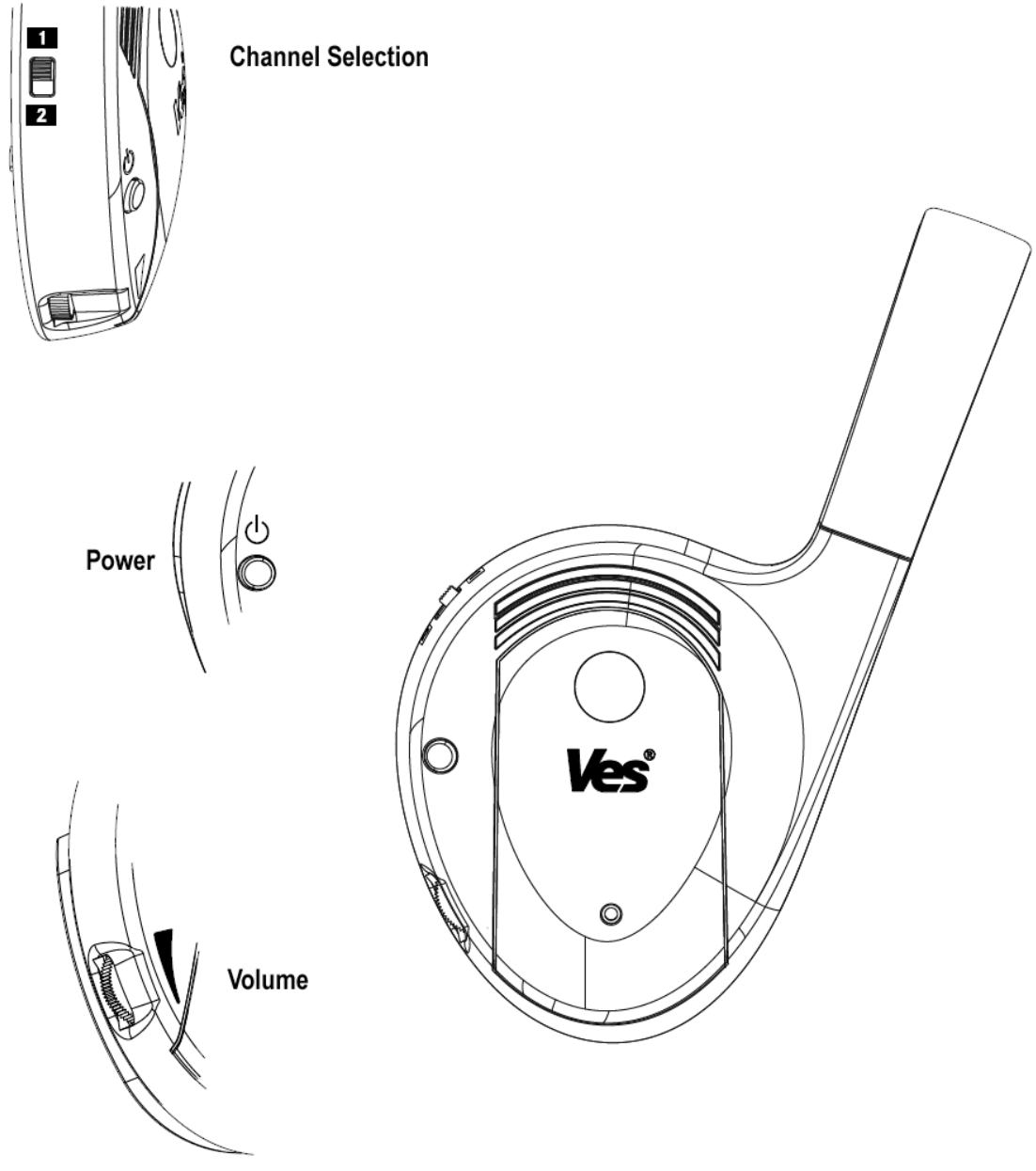
Channel down / Hold down for Page Down in EPG

Toggle EPG on/off

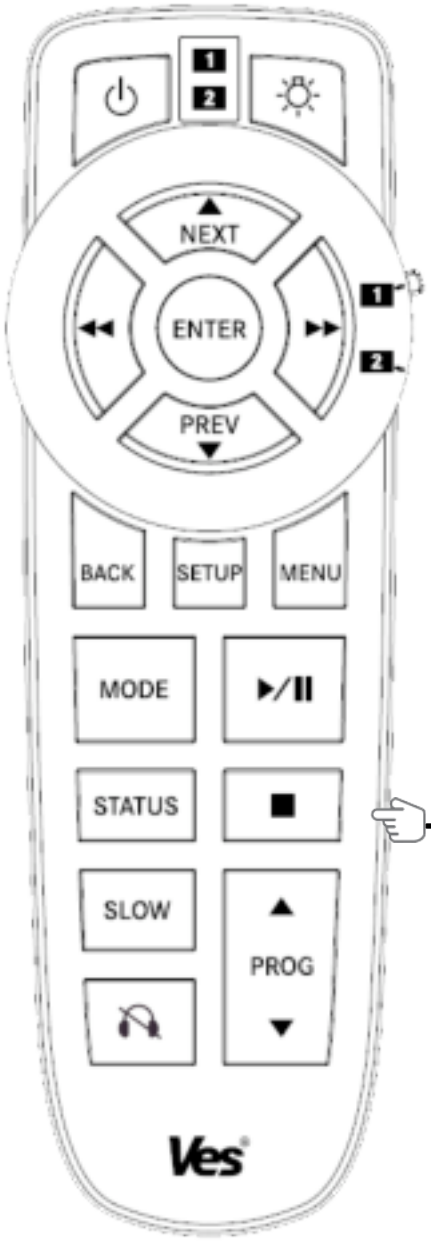
Takes user to previous screen.

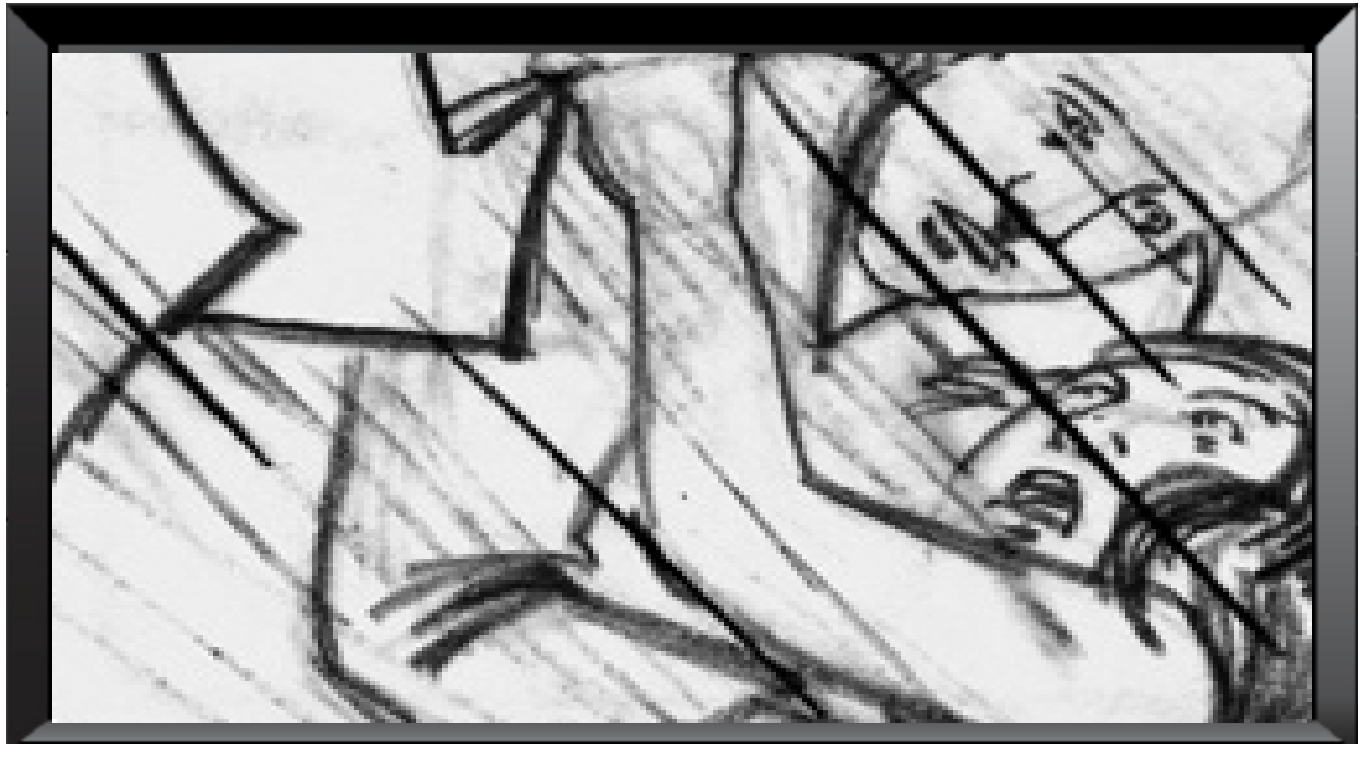
Rotates through channel information, show information, and back to fullscreen TV.

// Headset



// TV On | CBS | Rear Display





Navigate using the remote control.

In Gear Front View

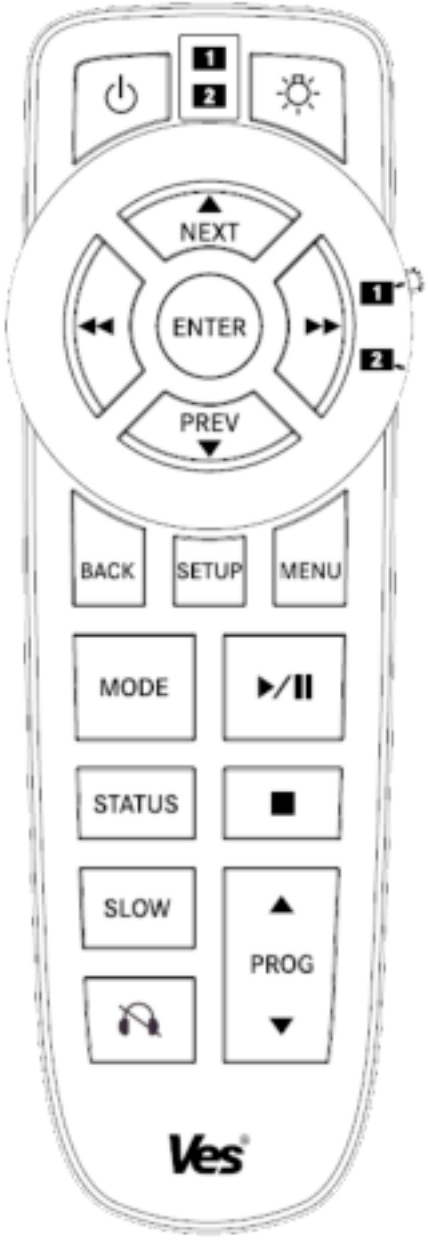
Parked View

In Gear Rear View

Front Display



// Channel Information | CBS | Rear Display





Overlay Times Out

In Gear Front View

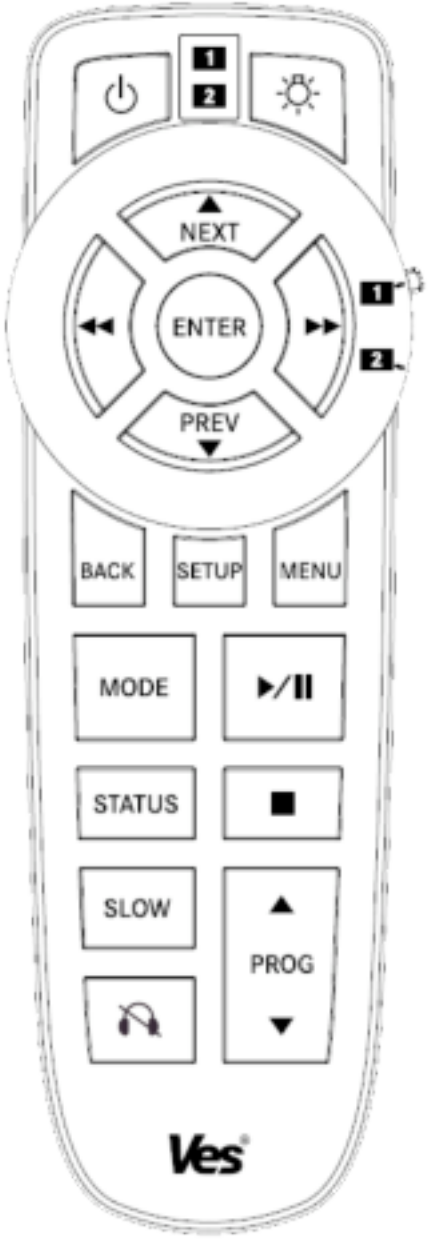
Parked View

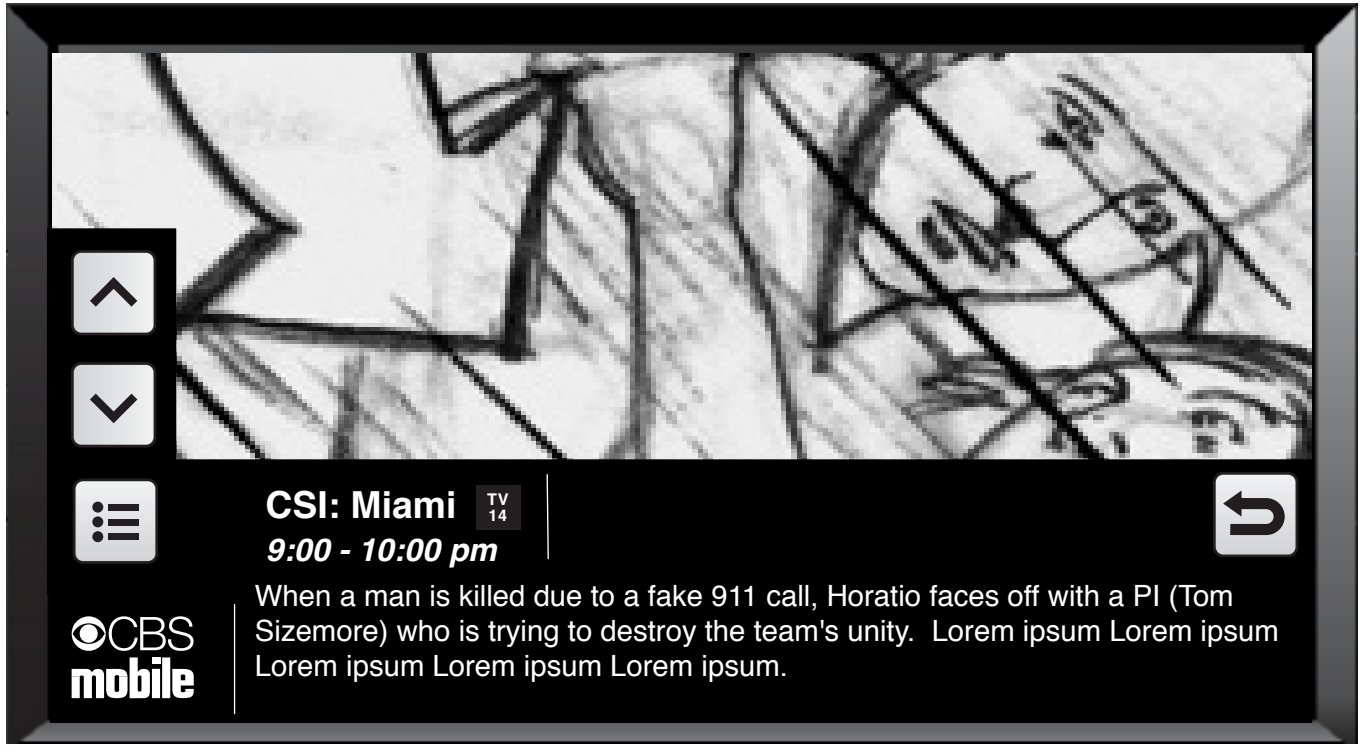
In Gear Rear View

Front Display



// Show Description | CBS | Rear Display





Overlay Times Out

In Gear Front View

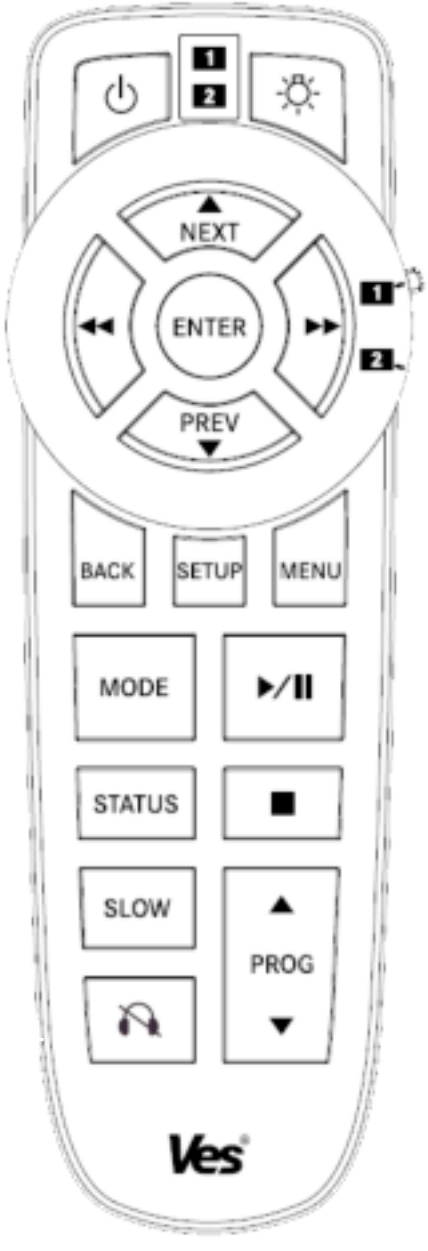
Parked View

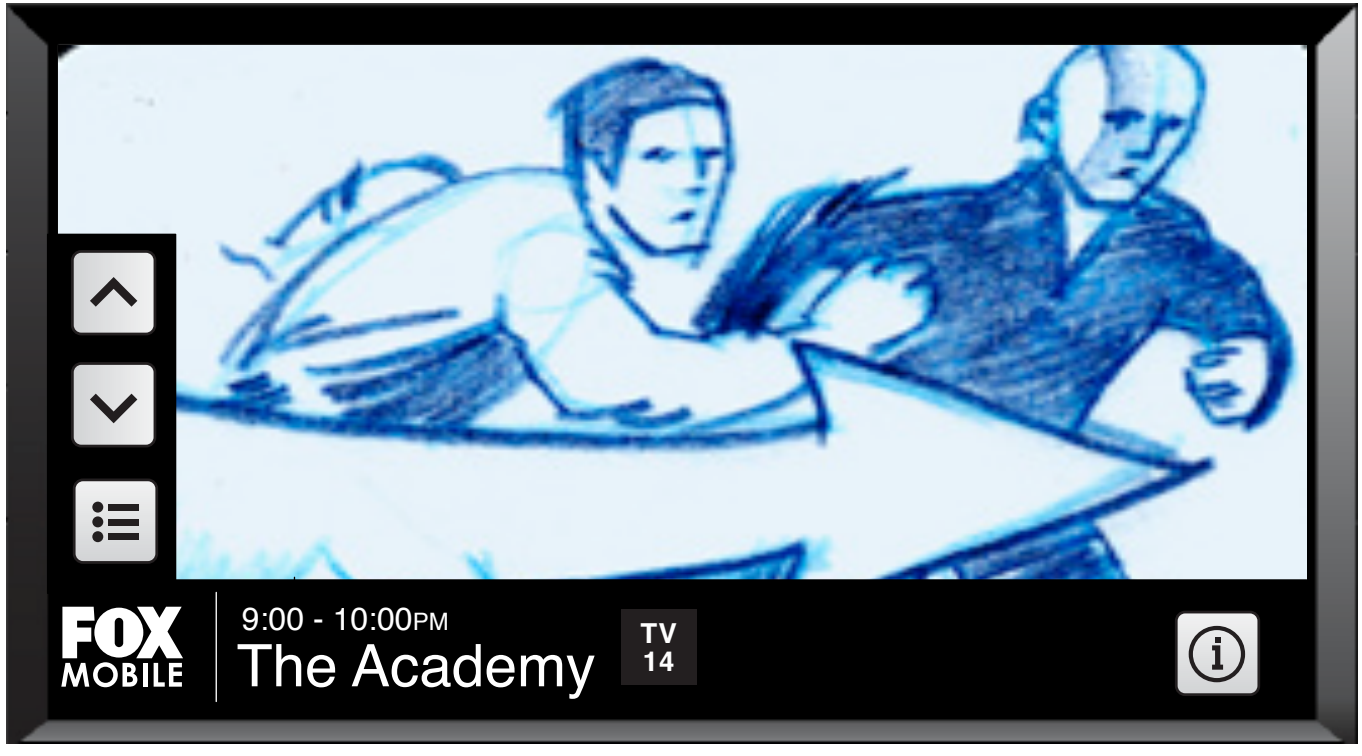
In Gear Rear View

Front Display



// Channel Information | FOX | Rear Display





Overlay Times Out

In Gear Front View

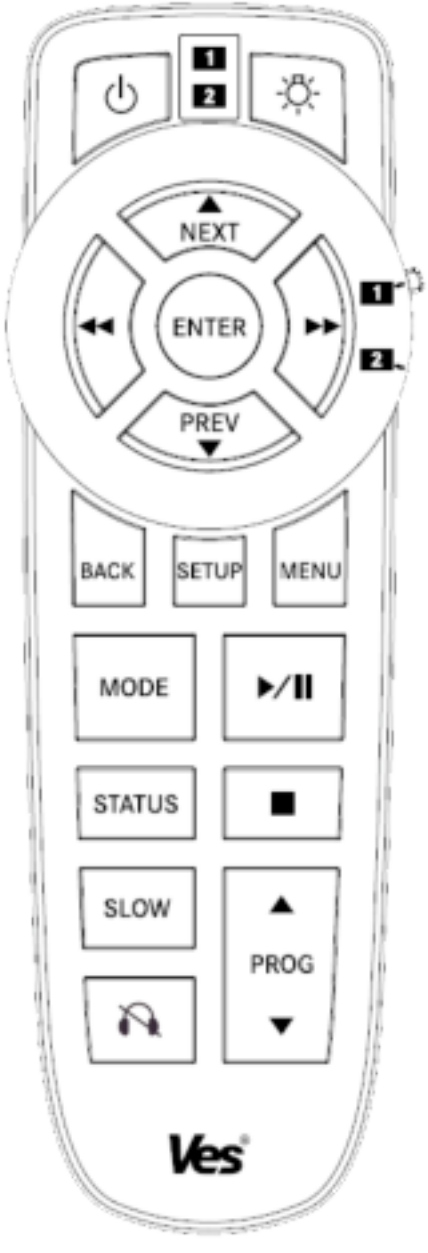
Parked View

In Gear Rear View

Front Display



// TV On | FOX | Rear Display





In Gear Front View

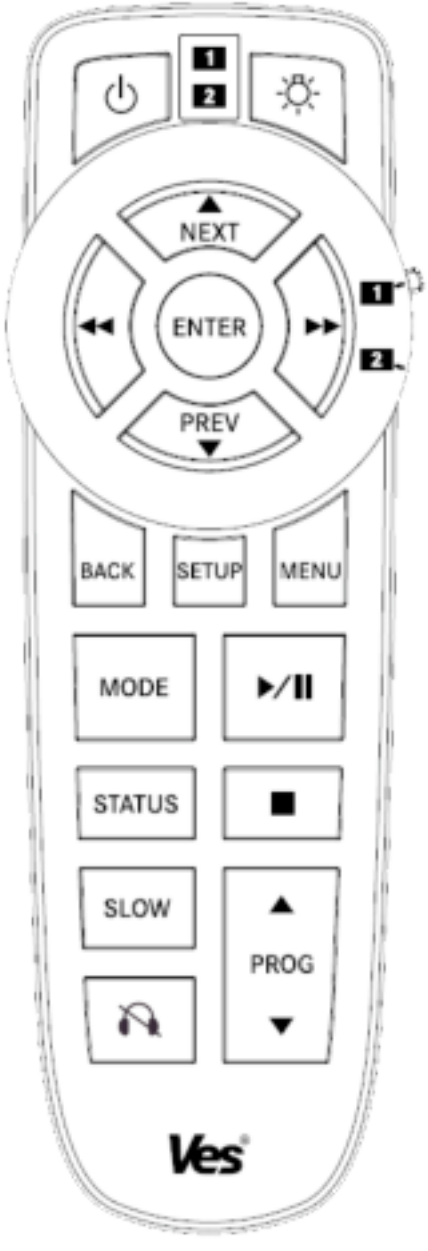
Parked View

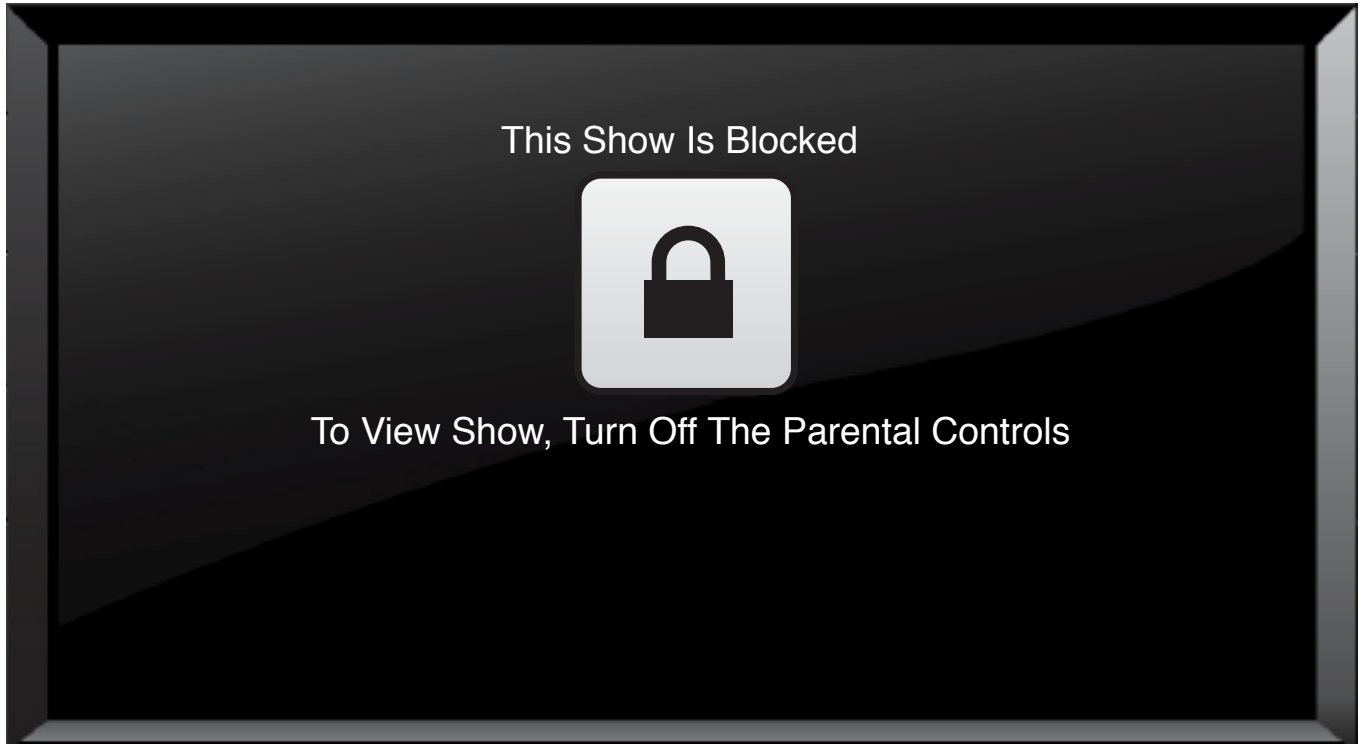
In Gear Rear View

Front Display



// Blocked Show | NBC | Rear Display





In Gear Front View

Parked View

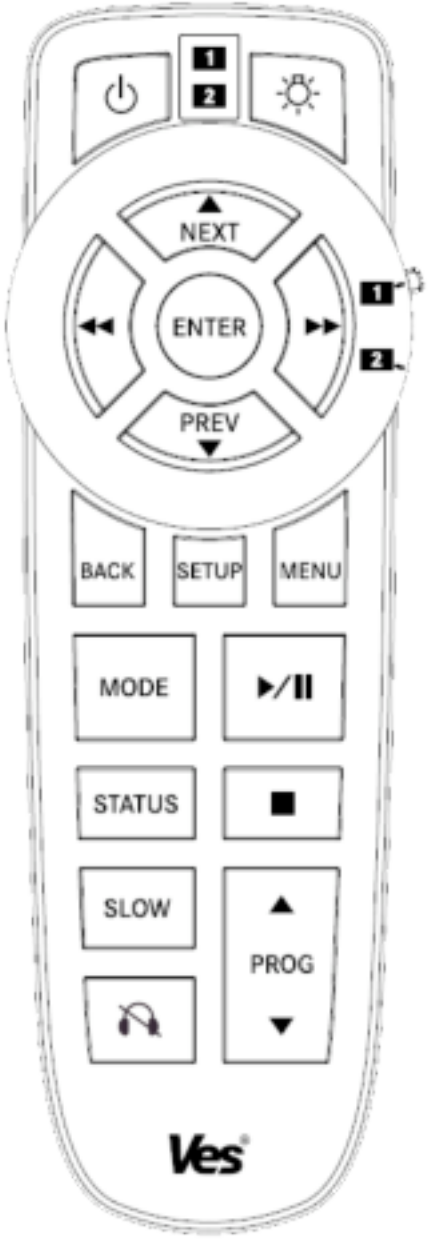
In Gear Rear View

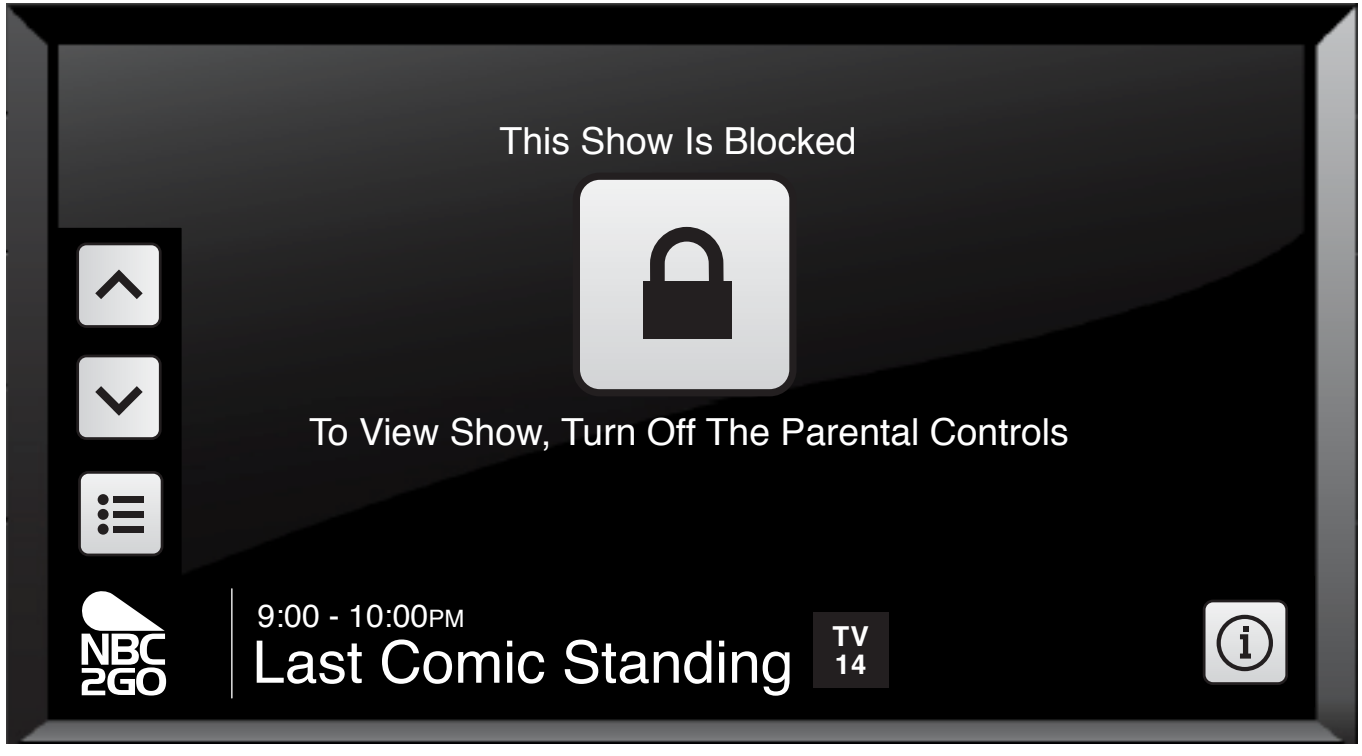


Front Display



// Blocked Channel Information | NBC | Rear Display





In Gear Front View

Parked View

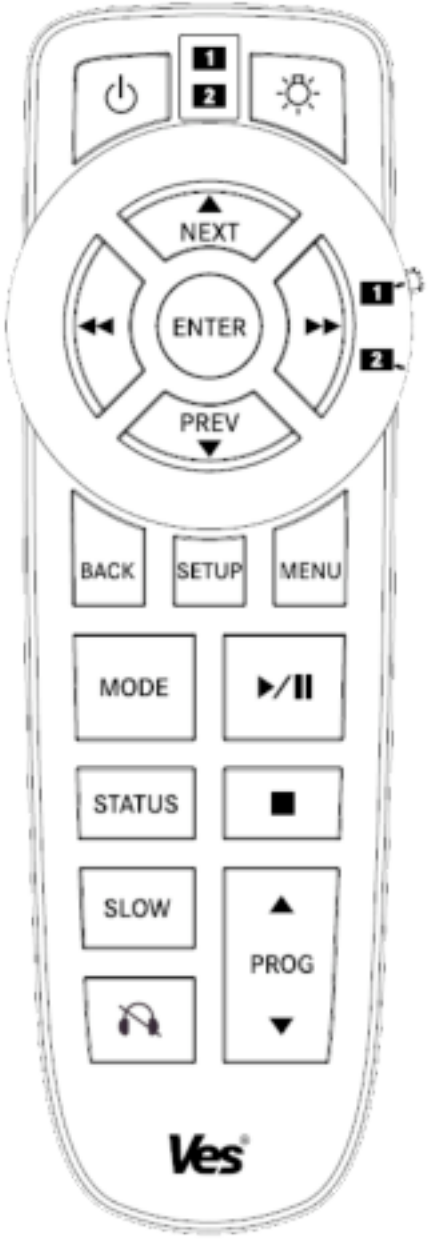
In Gear Rear View



Front Display



// Part-time Channel | Nickelodeon | Rear Display





In Gear Front View

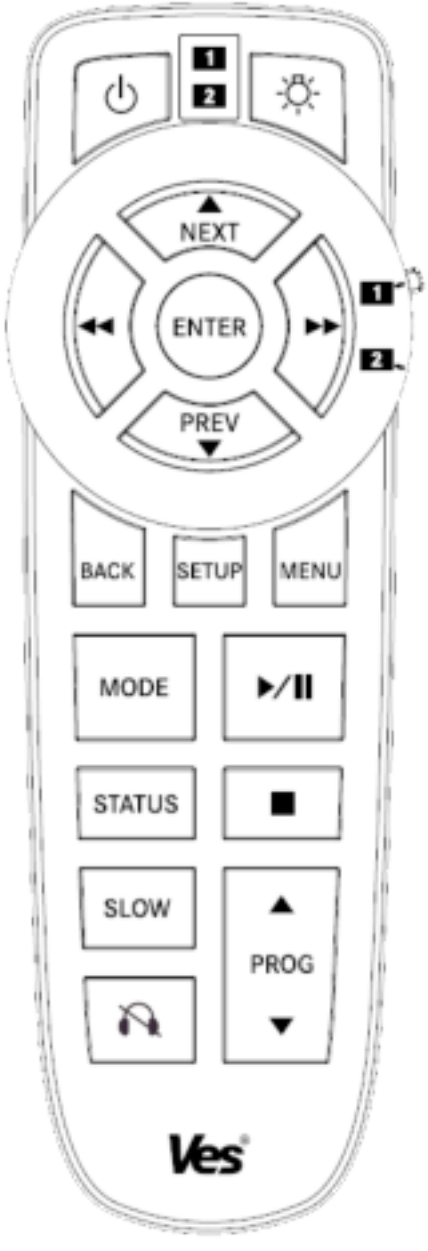
Parked View

In Gear Rear View

Front Display



// Part-time Channel Info | Rear Display





In Gear Front View

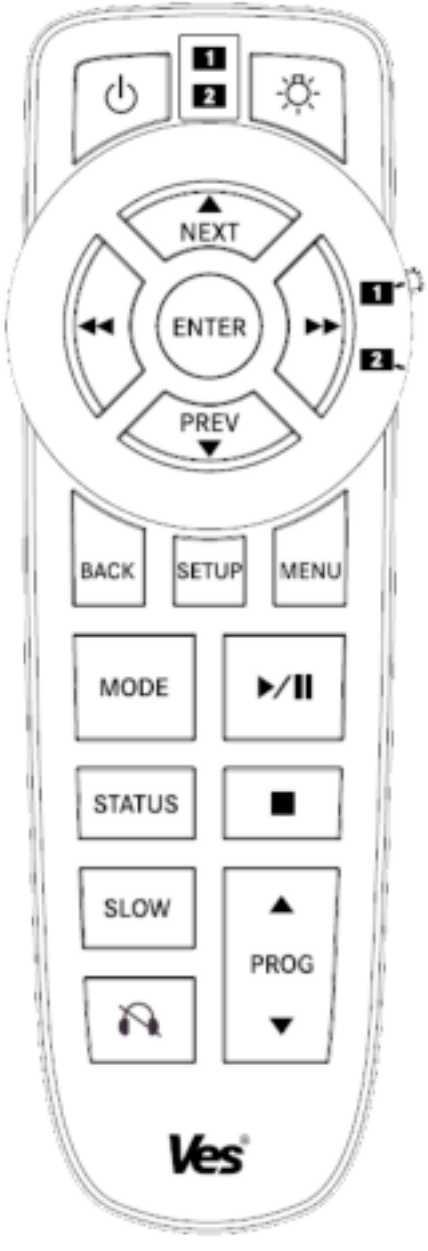
Parked View

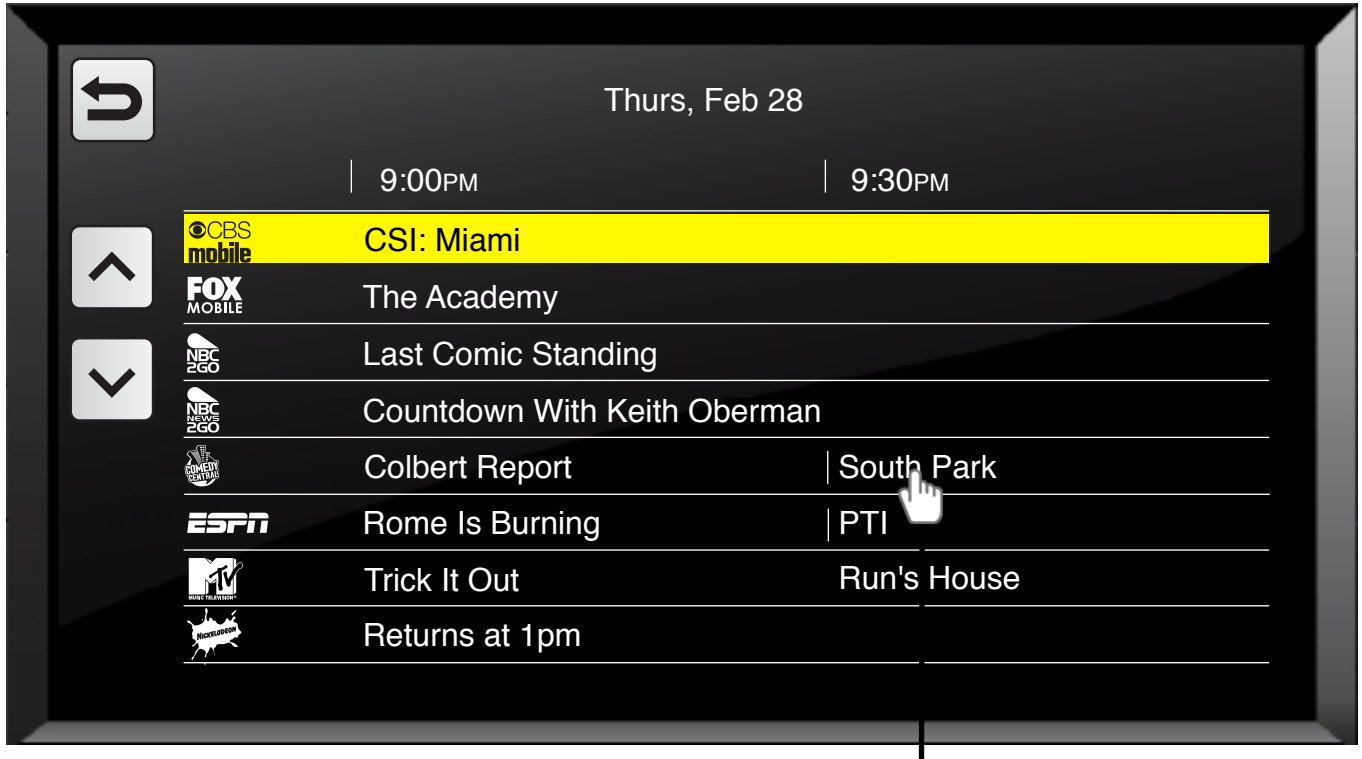
In Gear Rear View

Front Display



// EPG | Rear Display





View future program information.

In Gear Front View

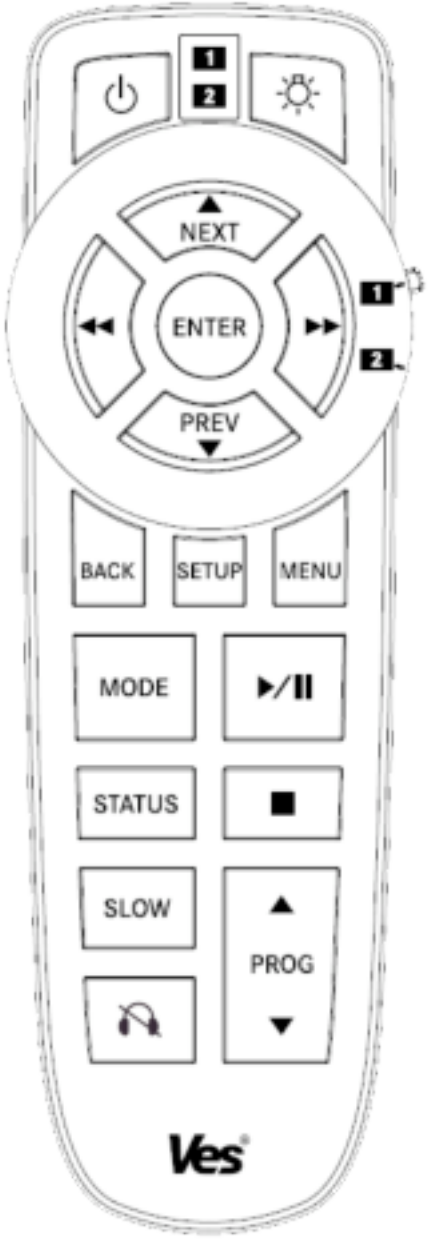
Parked View

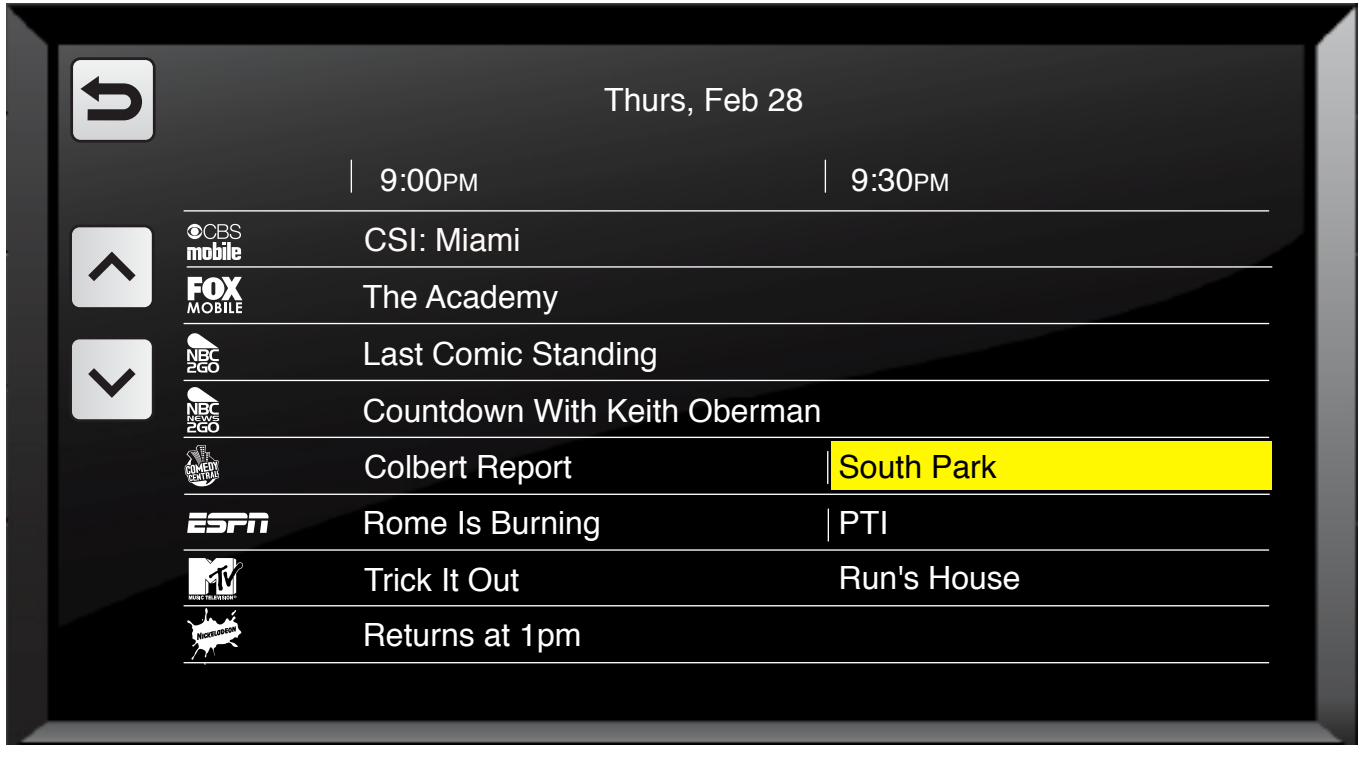
In Gear Rear View

Front Display



// EPG | Future Show | Rear Display





In Gear Front View

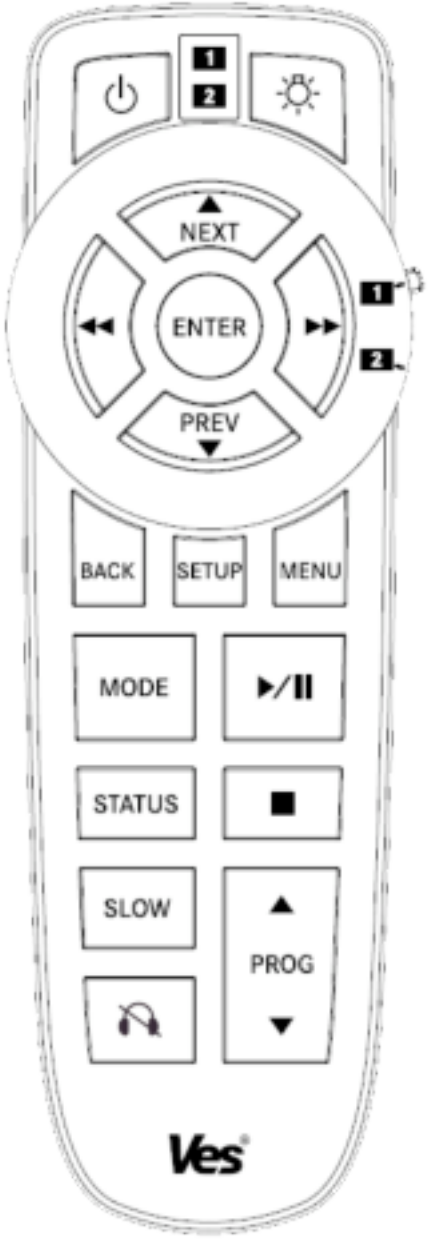
Parked View

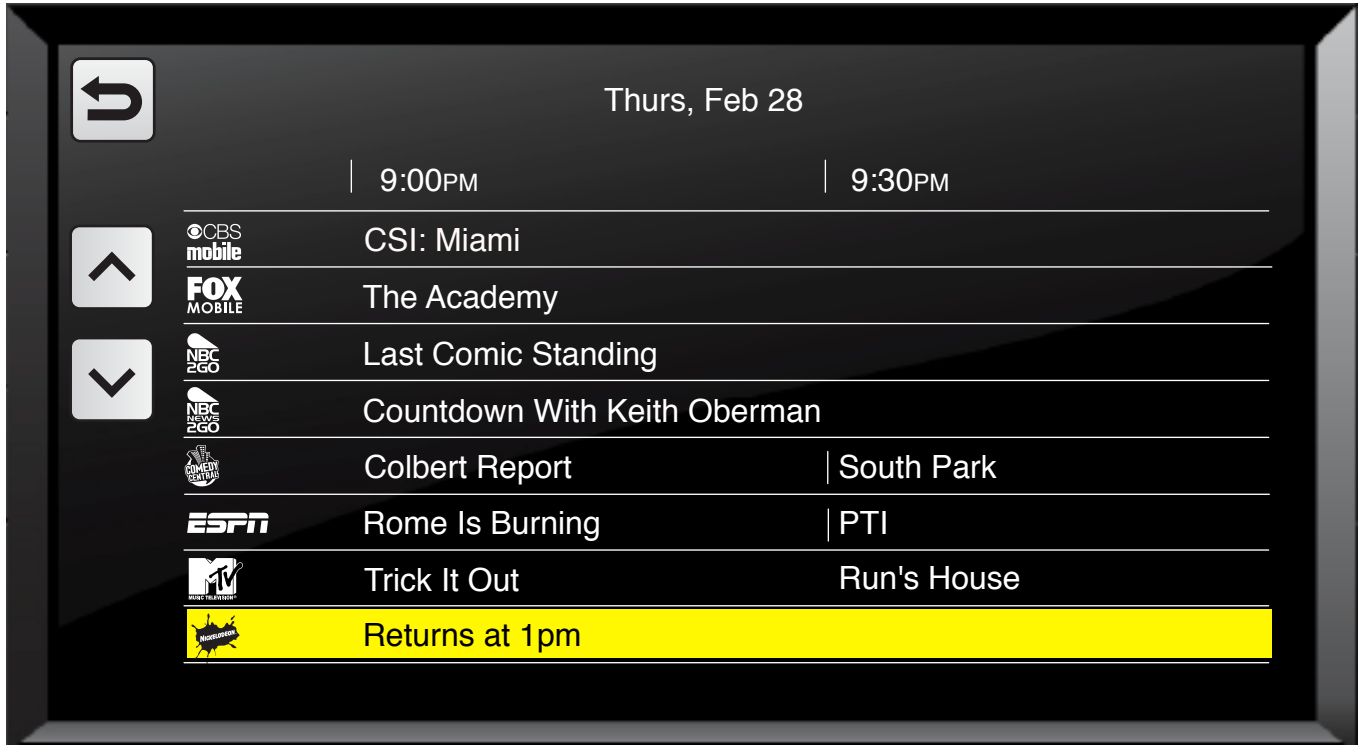
In Gear Rear View

Front Display



// EPG | Part-Time Channel | Rear Display





In Gear Front View

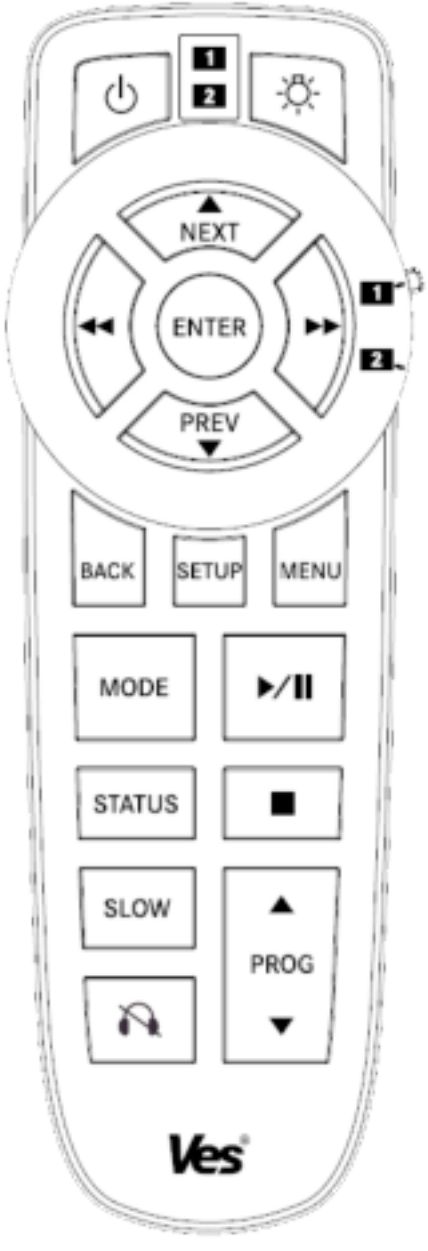
Parked View

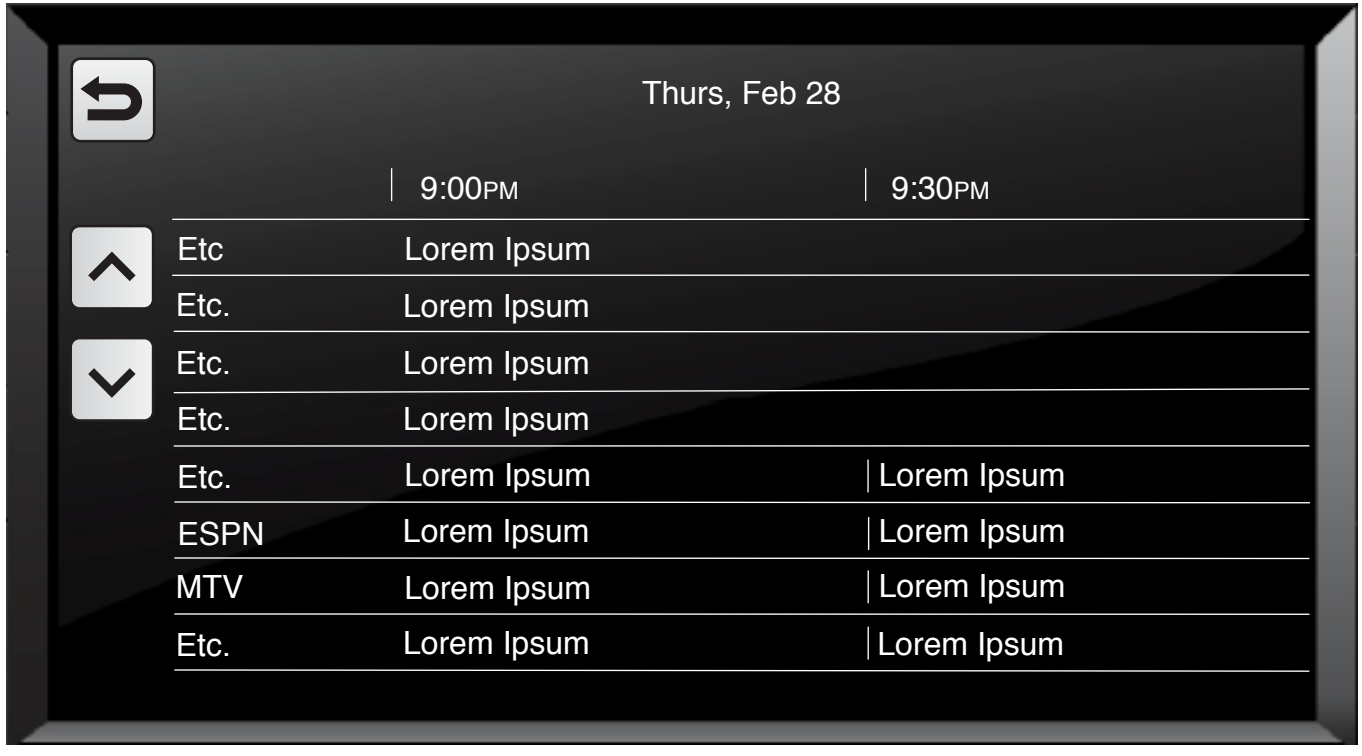
In Gear Rear View

Front Display



// EPG | Next Page | Rear Display





In Gear Front View

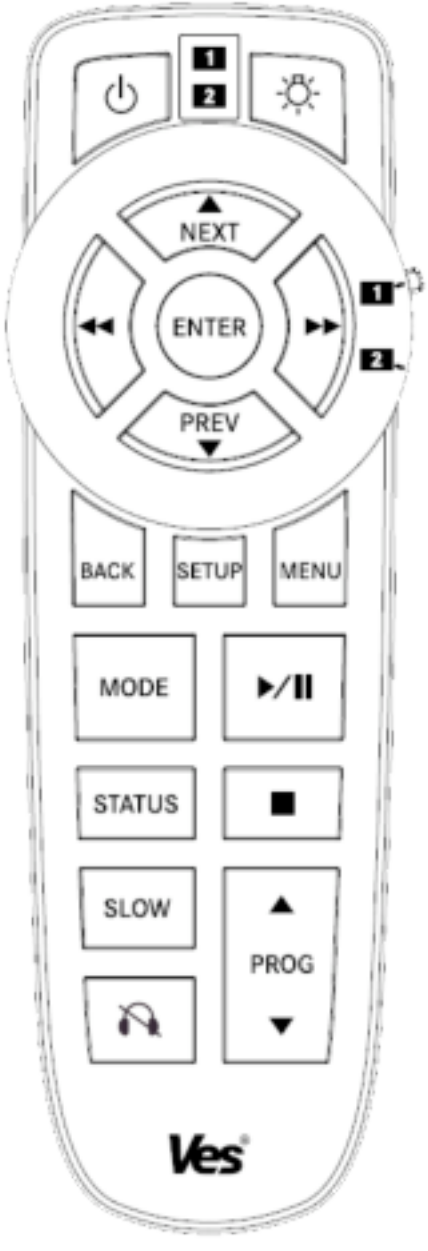
Parked View

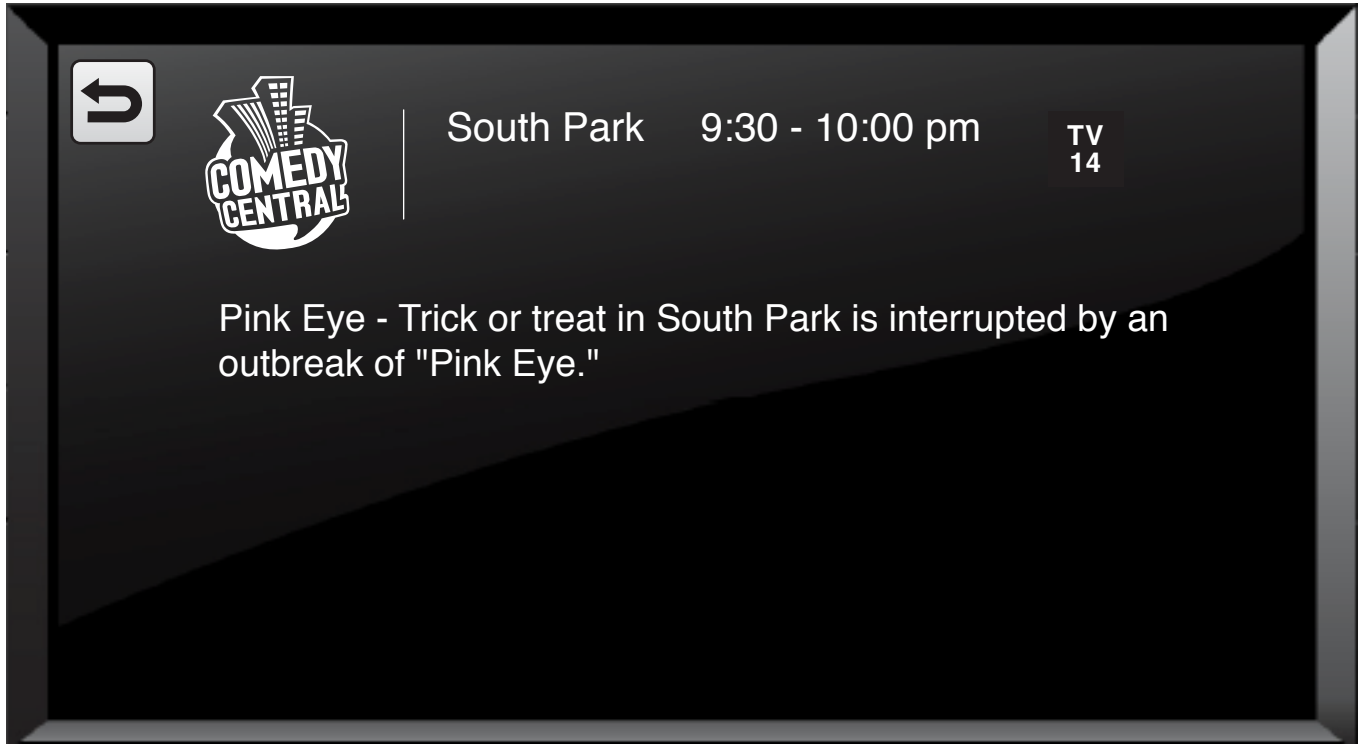
In Gear Rear View

Front Display



// EPG | Show Description | Rear Display





In Gear Front View

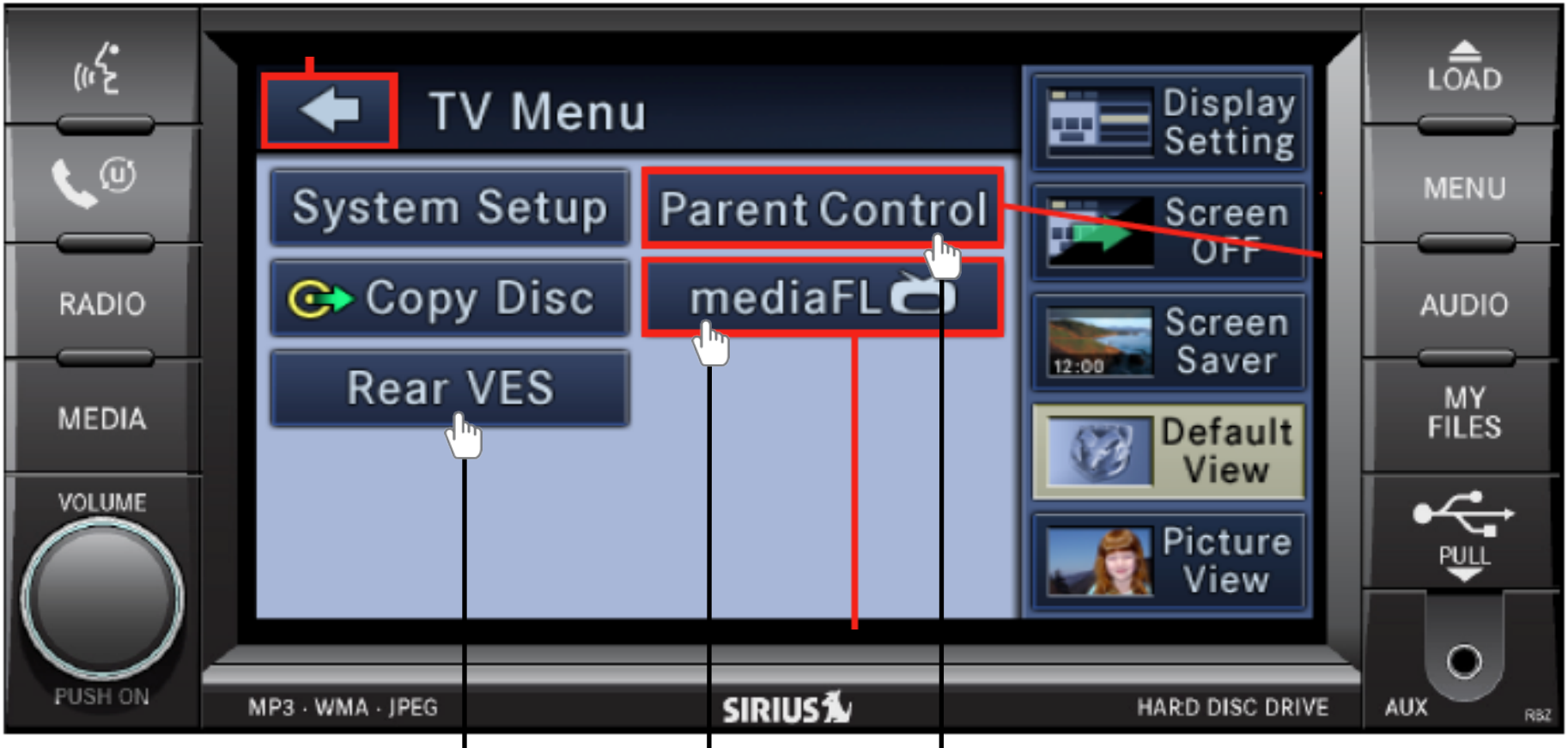
Parked View

In Gear Rear View

Front Display



// TV Settings



In Gear Front View

Parked View

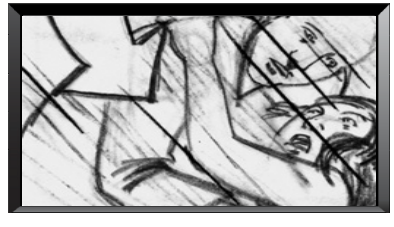
In Gear Rear View

View Rear VES Mode

View System Status

View Parental Controls

Rear Display



// Parental Controls | Off State



In Gear Front View

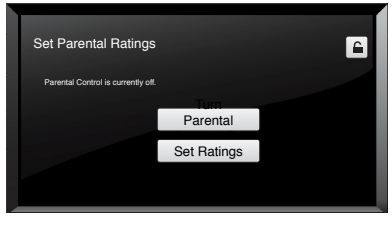
Parked View

In Gear Rear View

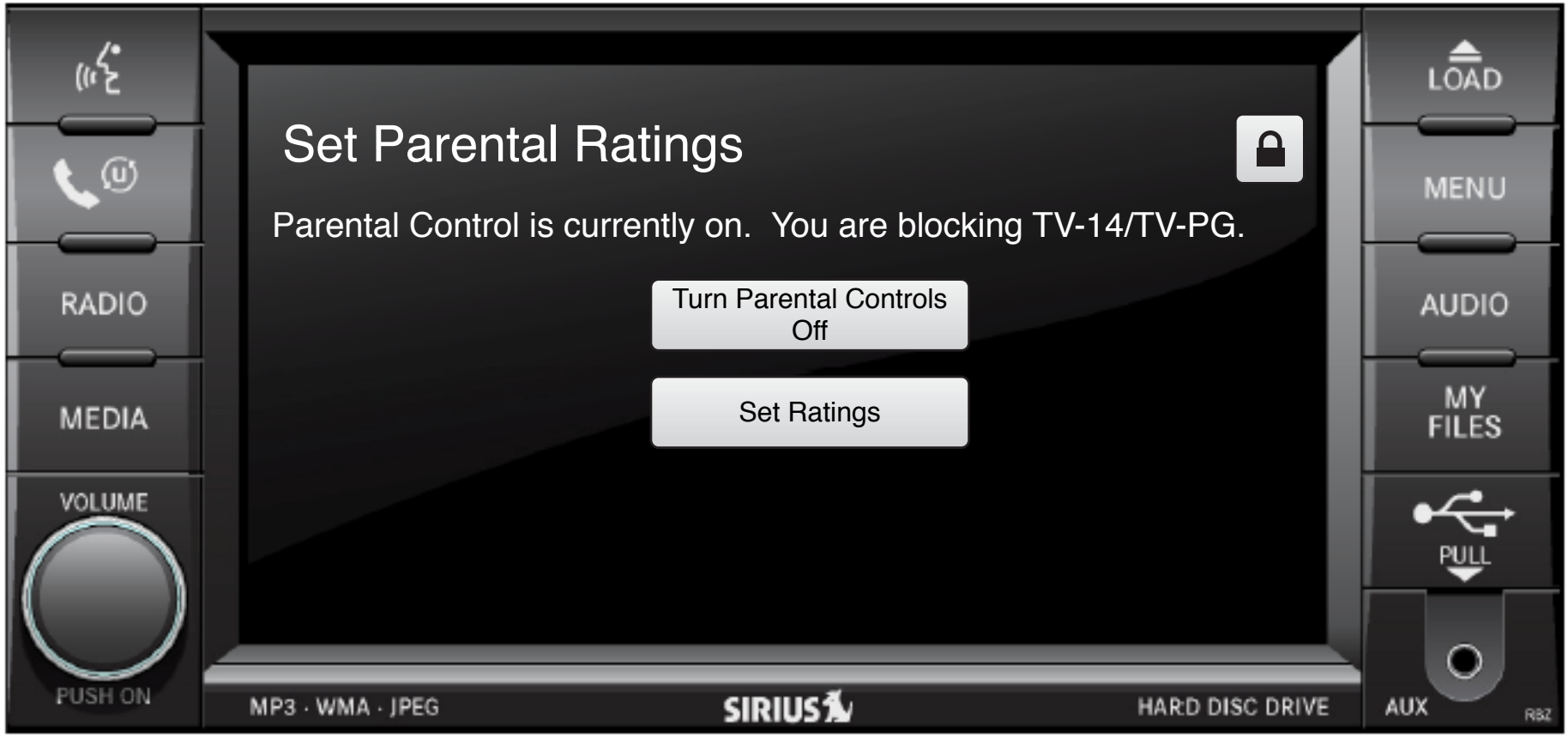


Rear seat remote control deactivated while in Parental Controls.

Rear Display



// Parental Controls | On State



In Gear Front View

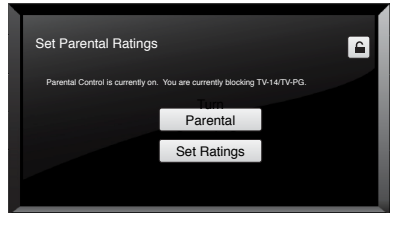
Parked View

In Gear Rear View

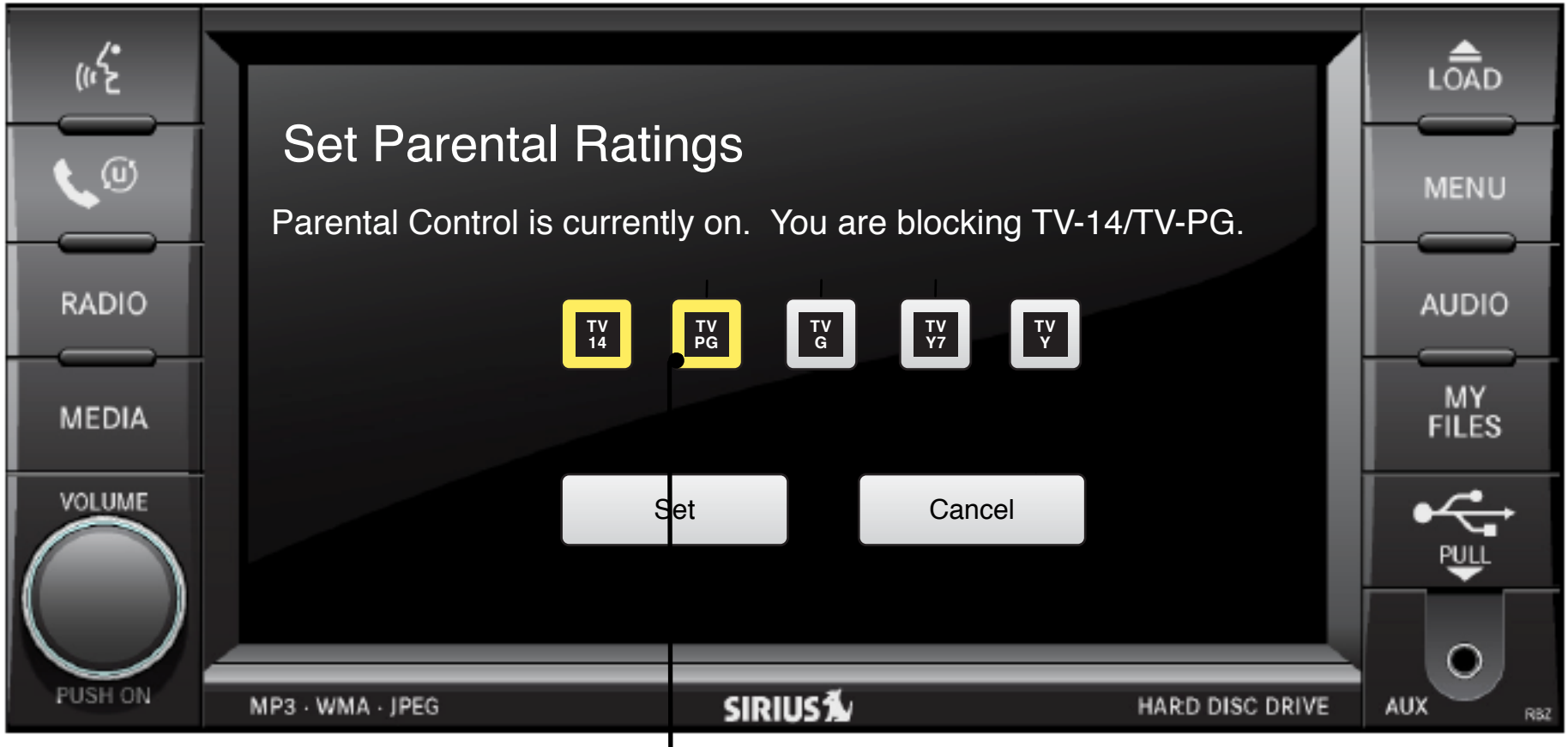


Rear seat remote control deactivated while in Parental Controls.

Rear Display



// Parental Controls | Set Parental Ratings



In Gear Front View

Parked View

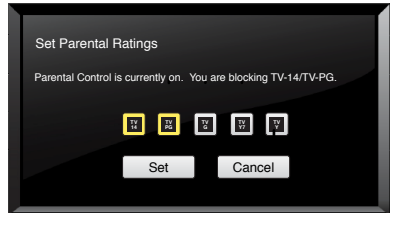
In Gear Rear View



User selects rating to block.
Ratings above are auto-selected.

Rear seat remote control deactivated while in Parental Controls.

Rear Display



// Rear VES Controls | CBS



In Gear Front View

Parked View

In Gear Rear View

Rear Display



// Rear VES Controls | FOX



In Gear Front View

Parked View

In Gear Rear View



Rear Display



// Rear VES Controls | NBC



In Gear Front View

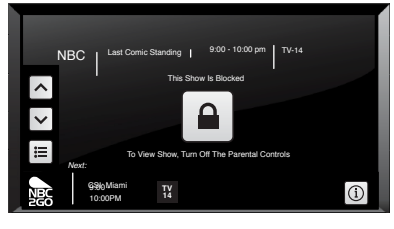
Parked View

In Gear Rear View

Unblock Channel

Show same channel as if unblocked from Parental Controls.

Rear Display



// Rear VES Controls | Unblocked Show | NBC

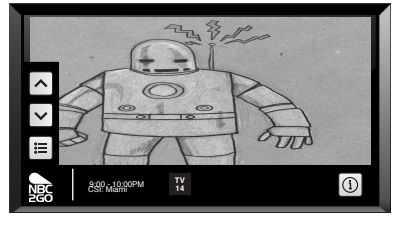


In Gear Front View

Parked View

In Gear Rear View

Rear Display



// Rear VES Controls | Part-time Channel



In Gear Front View

Parked View

In Gear Rear View



Rear Display



In Gear Unsubscribed Status

// Unsubscribed | FLO Channel | In Gear



In Gear Front View

Parked View

In Gear Rear View

Rear Display



// Unsubscribed | NBC | In Gear



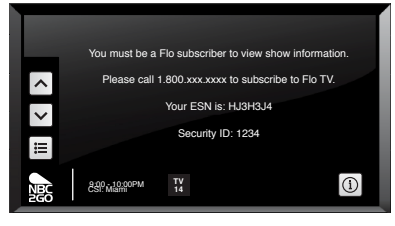
In Gear Front View

Parked View

In Gear Rear View



Rear Display



// Unsubscribed | FOX | In Gear



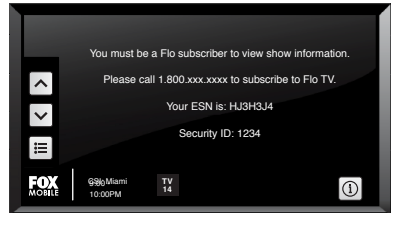
In Gear Front View

Parked View

In Gear Rear View



Rear Display



// Unsubscribed Part-time Channel | Nickelodeon | In Gear



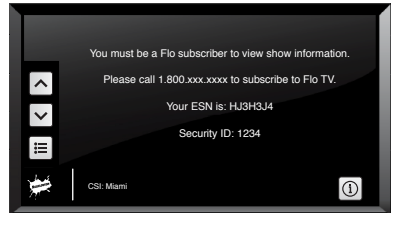
In Gear Front View

Parked View

In Gear Rear View



Rear Display



In Park Unsubscribed Status

// Unsubscribed | TV On | Park



In Gear Front View

Parked View

In Gear Rear View

When going from Drive to Park with TV on, Driver must select the "View TV" button to switch to video.

Channel tuning defaults to Flo Channel.

Rear Display



// Unsubscribed | FLO Channel | Park



In Gear Front View

Parked View

In Gear Rear View

Rear Display



// Unsubscribed | FLO Channel | Overlay | Park



In Gear Front View

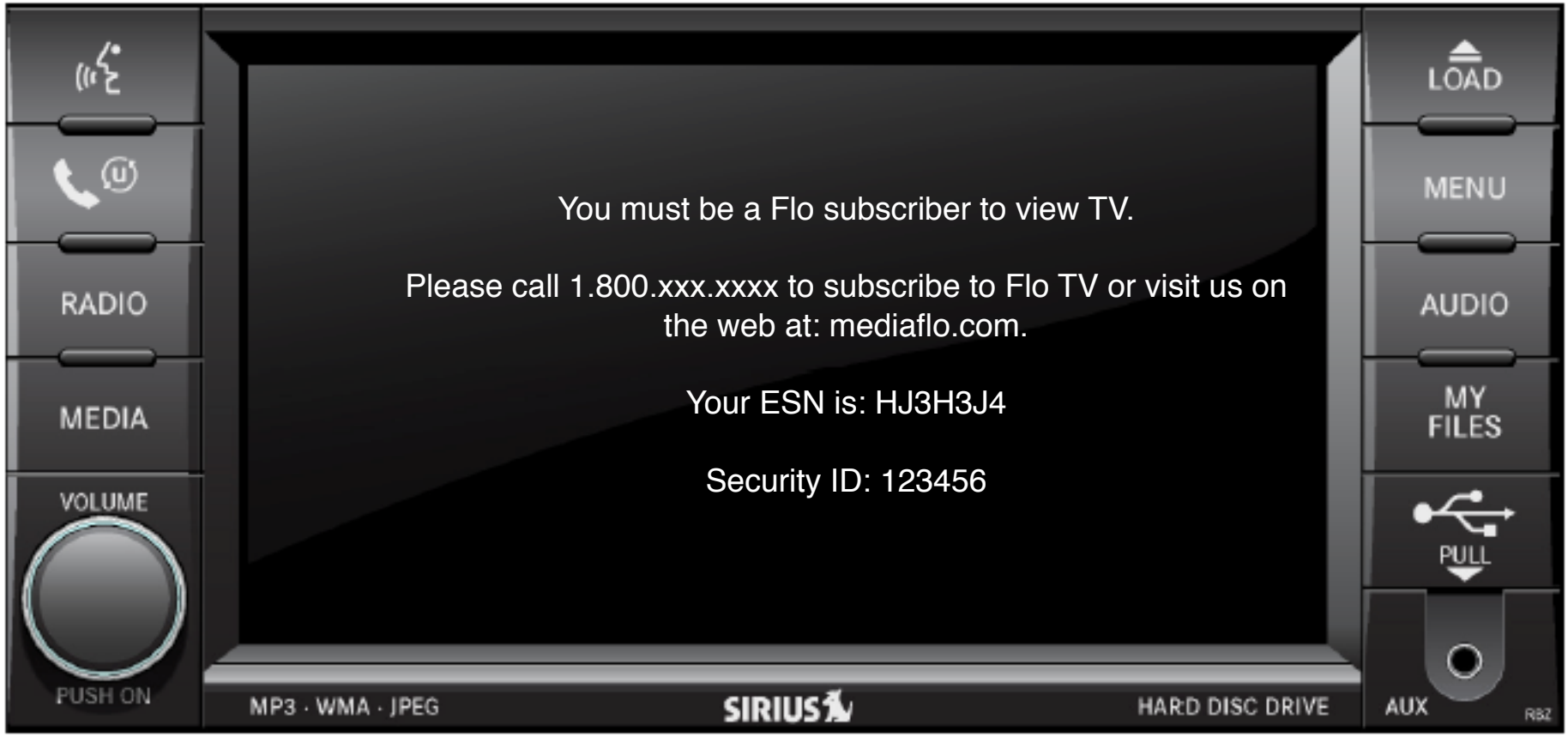
Parked View

In Gear Rear View

Rear Display



// Unsubscribed | NBC | Park



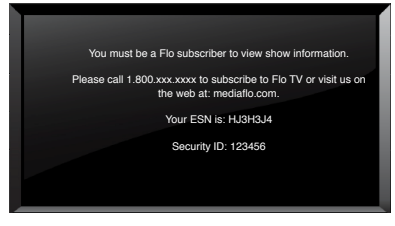
In Gear Front View

Parked View

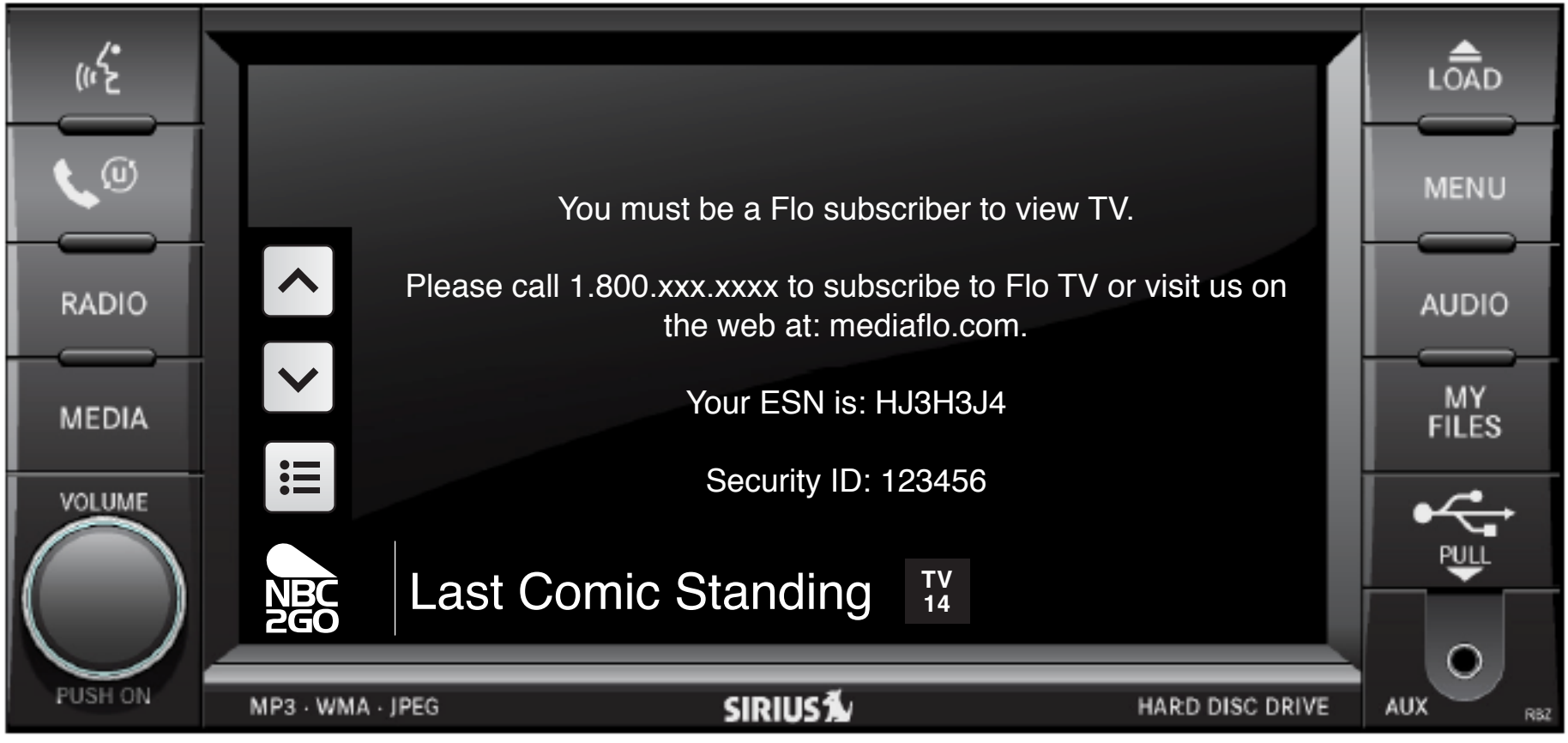
In Gear Rear View



Rear Display



// Unsubscribed | Overlay | NBC | Park

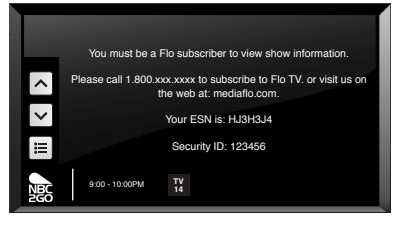


In Gear Front View

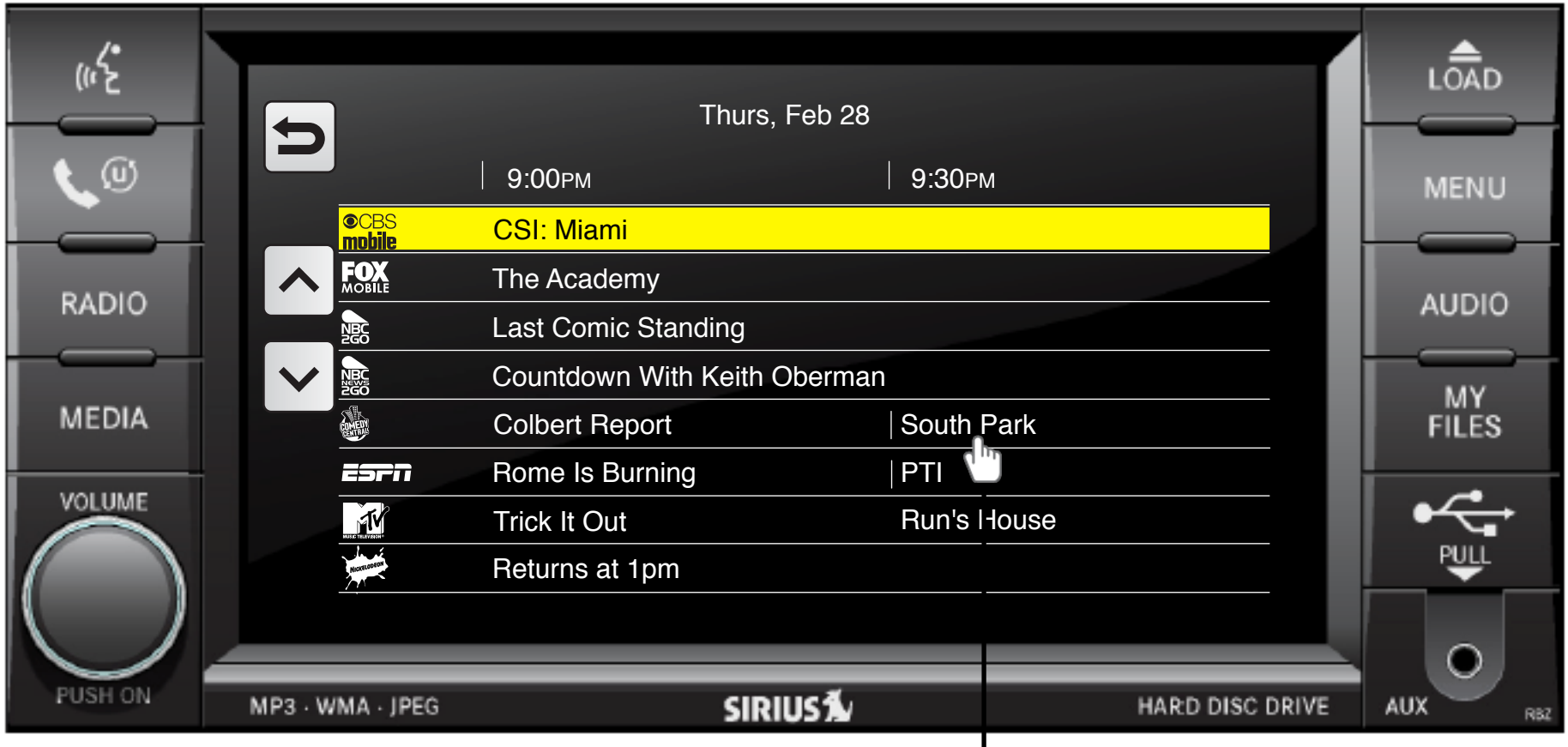
Parked View

In Gear Rear View

Rear Display



// Unsubscribed | EPG | Park



In Gear Front View

Parked View

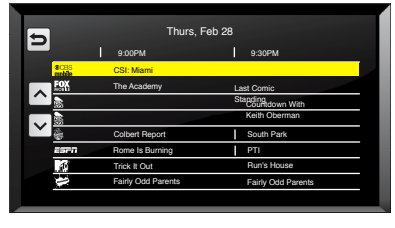
In Gear Rear View

View future program information.

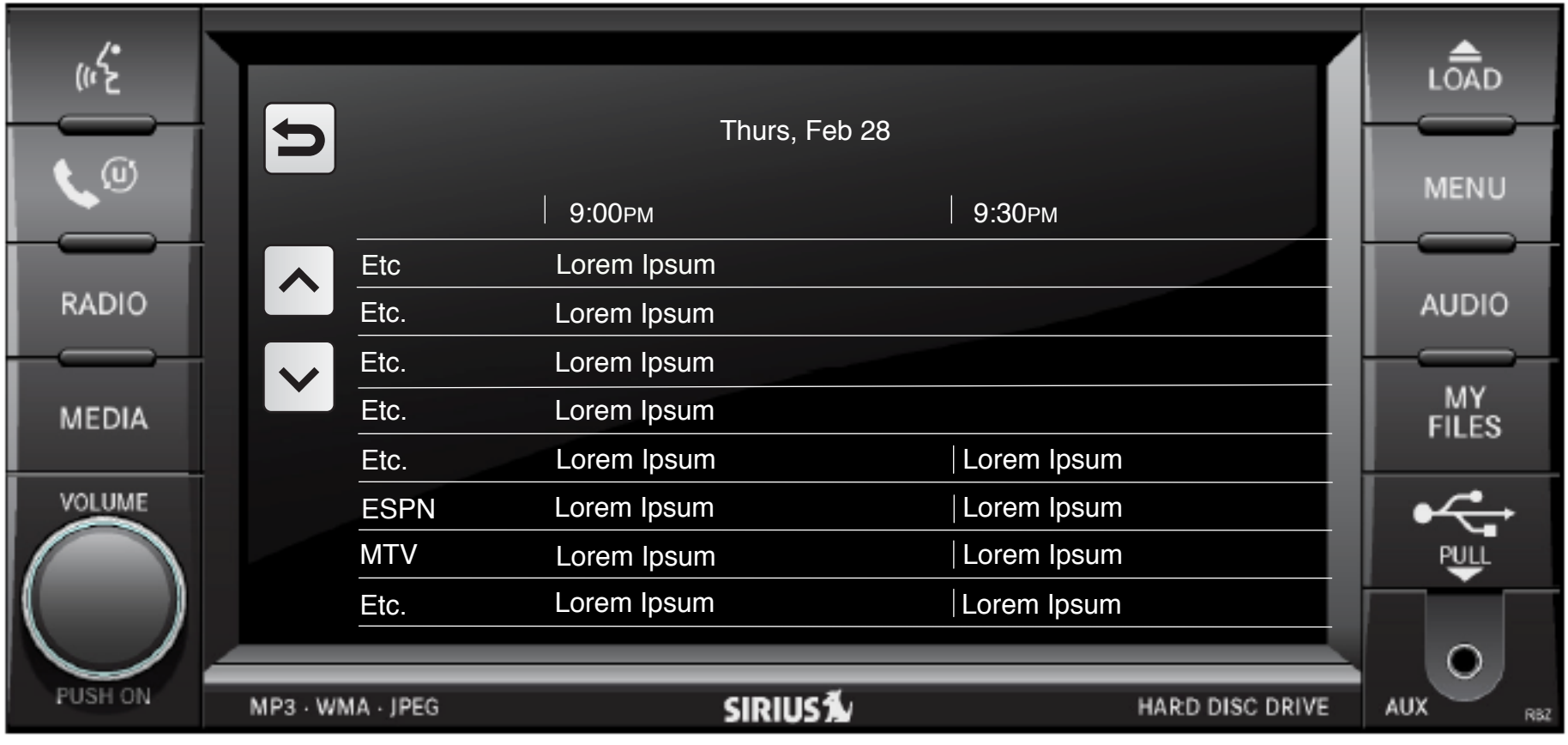
If tuned to Flo channel

If tuned to any other channel

Rear Display



// Unsubscribed | EPG Next Page | Park



In Gear Front View

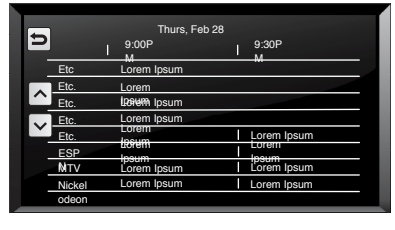
Parked View

In Gear Rear View

If tuned to Flo channel

If tuned to any other channel

Rear Display



// Unsubscribed | EPG | More Info | Park



In Gear Front View

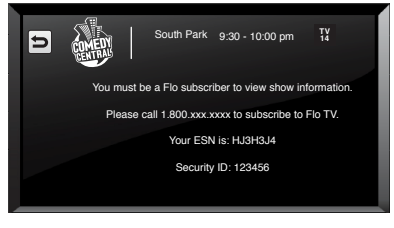
Parked View

In Gear Rear View

If tuned to Flo channel

If tuned to any other channel

Rear Display



Signal States

// Acquring Signal | In Gear

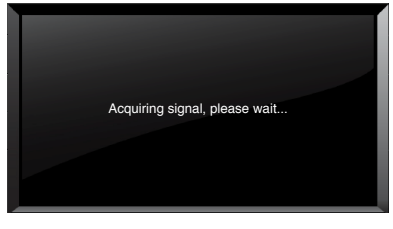


In Gear Front View

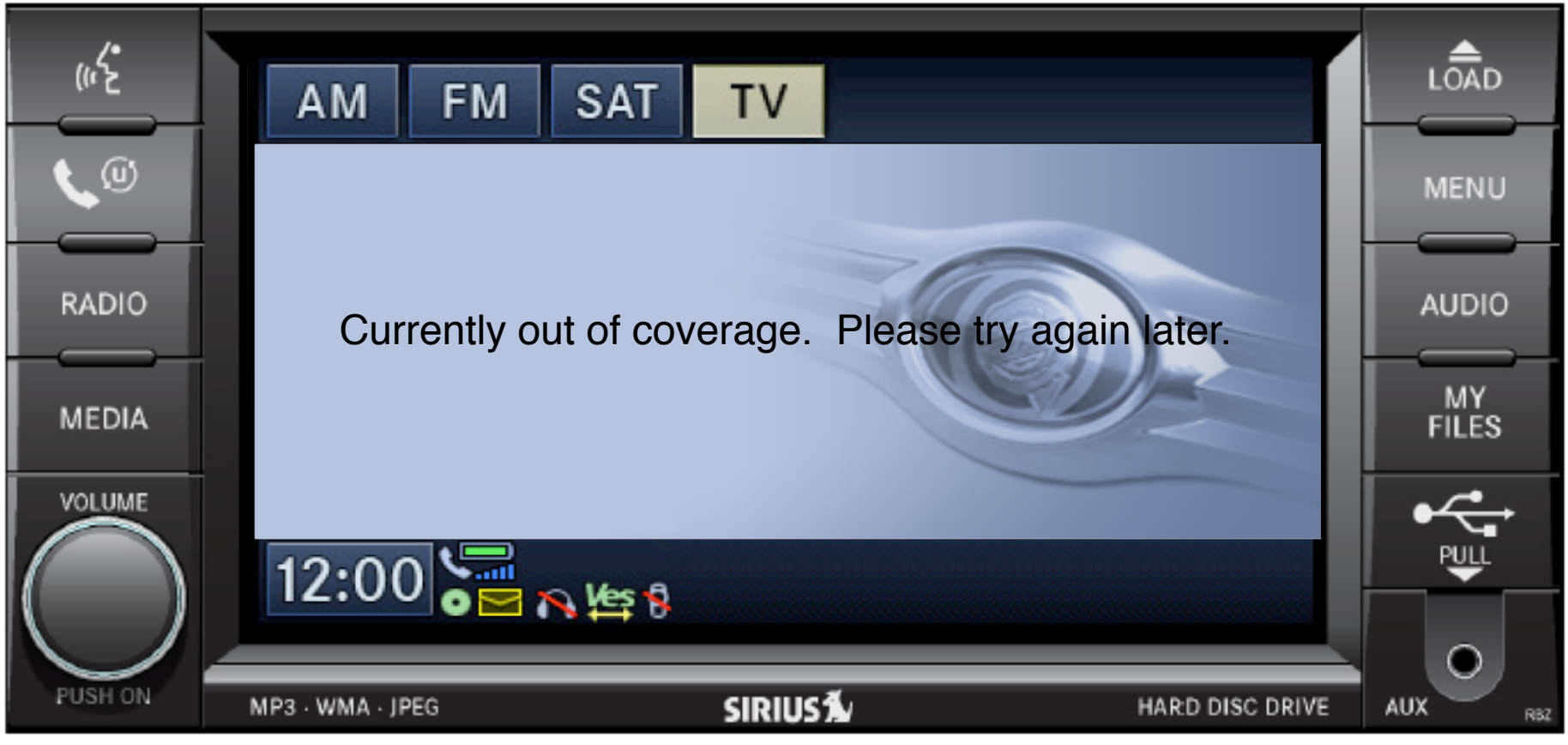
Parked View

In Gear Rear View

Rear Display



// Out Of Coverage | In Gear

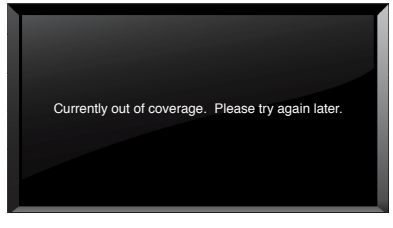


In Gear Front View

Parked View

In Gear Rear View

Rear Display



// Acquring Signal | Park

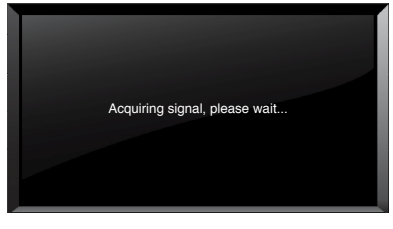


In Gear Front View

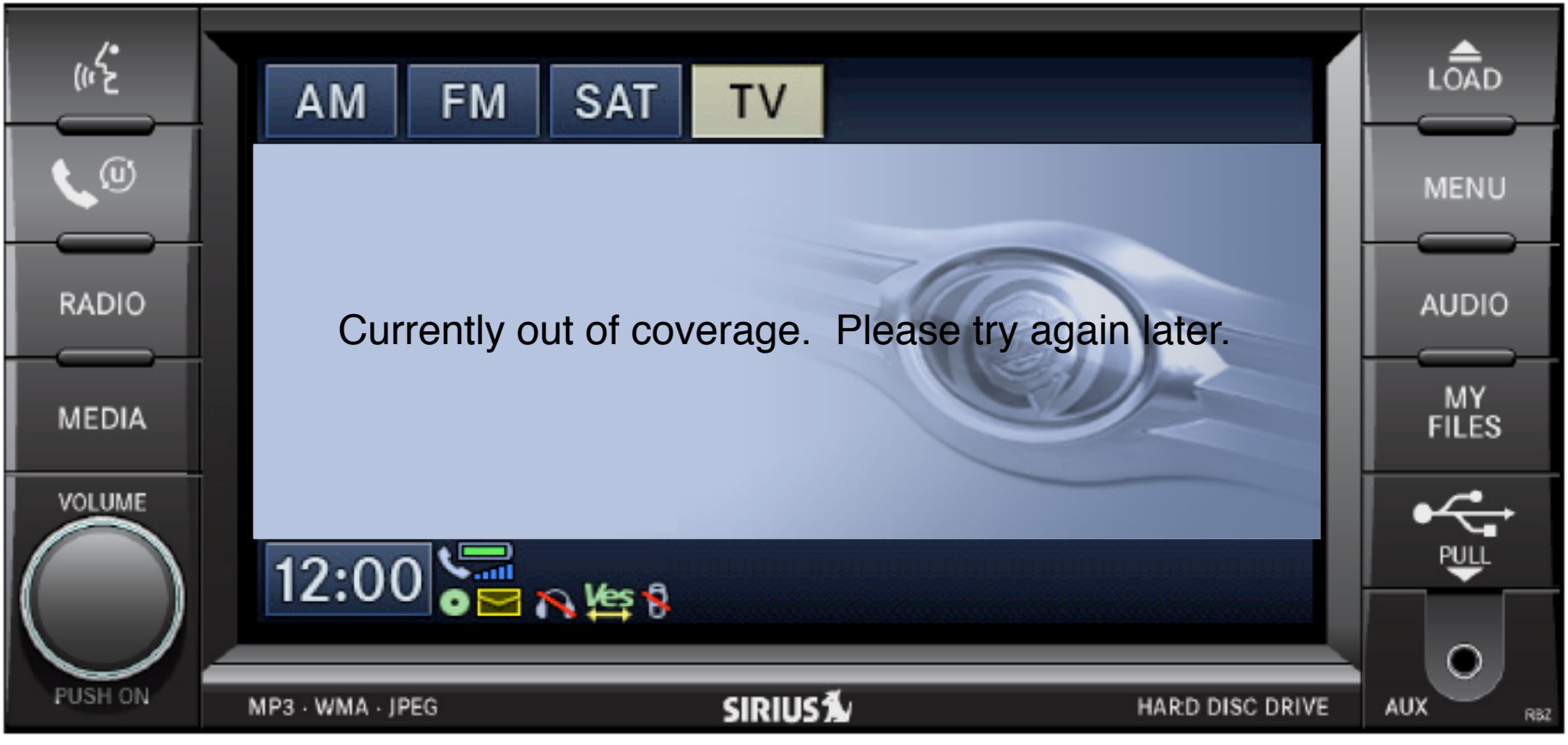
Parked View

In Gear Rear View

Rear Display



// Out Of Coverage | Park

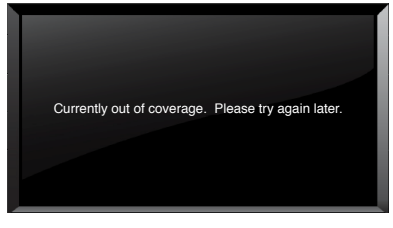


In Gear Front View

Parked View

In Gear Rear View

Rear Display



Subscription Menu

// Subscription Status | In Gear

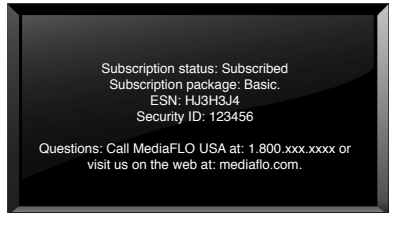


In Gear Front View

Parked View

In Gear Rear View

Rear Display



// Subscription Status | Park

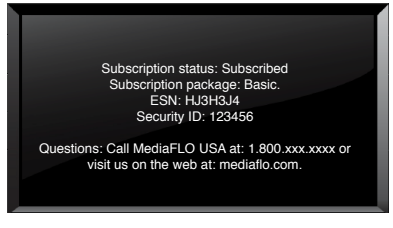


In Gear Front View

Parked View

In Gear Rear View

Rear Display



End