|  |  |  |
| --- | --- | --- |
| Situation | Action | Consequences |
| Player is off | On button | turns the player on and starts the timer for the screen saver |
| Player is on | Off button | turns the player off |
| Player is on and no show is playing | Select a show | A show is selected and set to play from the beginning |
| Show selected | Play button | plays the show |
| Show is playing | Show timer ticks | Display the show time remaining |
| Show is playing | pause button | pauses the show |
| Show is paused | play button | plays the show from where it was paused |
| Show is playing | Stop button | Ends the show |
| Show is completed | Stop button | Deselects the show |
| Screen saver is on | Stop button | Ends the screen saver |
| Show is playing | rewind | Rewinds the show |
| Show is rewinding | play button | Stops the rewind and plays the show from where the rewind stopped |
| Show is rewinding | show timer reaches beginning | show is set to play from the beginning |
| Show is playing | fast forward | fast forwards the show |
| Show is fast forwarding | play button | Stops the fast forward and plays the show from where the fast forward stopped |
| Show is fast forwarding | show completed | ends the show |
| Show is playing | show completed | ends the show |
| Show completed |  | Starts the timer for the screen saver |
| Show completed | Play button | plays the show from the beginning |
| Show completed | Screen saver timer ticks | Display time remaining before screen saver kicks in |
| Show completed | Screen saver timer runs out | Show is deselected and screen saver activated |
| Screen saver is active | On button | ends the screen saver and starts the timer for the screen saver |
| Screen saver is active | Off button | turns off the player |
| Screen saver is active | Select button | ends the screen saver and starts the timer for the screen saver |
| Screen saver is active | play button | ends the screen saver and starts the timer for the screen saver and presses the play button |
| Screen saver is active | pause button | ends the screen saver and starts the timer for the screen saver |
| Screen saver is active | stop button | ends the screen saver and starts the timer for the screen saver |
| Screen saver is active | rewind button | ends the screen saver and starts the timer for the screen saver |
| Screen saver is active | fast forward button | ends the screen saver and starts the timer for the screen saver |

|  |  |  |
| --- | --- | --- |
| Situation | Action | Consequences |
| Off | On | Player on; start screen saver timer |
| No show selected | Off | Player off |
| No show selected | Select show | Show selected and set to play from beginning; start screen saver timer |
| No show selected | Screen saver timer ticks | Display remaining time till screen saver |
| No show selected | Screen saver timer runs out | Screen saver activates |
| Show selected | Play | Plays the show |
| Show selected | Stop | Deselects the show |
| Show selected | Screen saver timer ticks | Display remaining time till screen saver |
| Show selected | Screen saver timer runs out | Screen saver activates |
| Playing show | Pause | Pauses the show |
| Playing show | Show timer ticks | Display remaining show time |
| Playing show | Stop | Ends the show |
| Playing show | Rewind | Rewinds the show |
| Playing show | Fast forward | Fast forwards the show |
| Playing show | Show timer runs out | Ends the show; start screen saver timer |
| Rewinding show | Play | Plays the show |
| Rewinding show | Show timer ticks backwards | Displays remaining show time |
| Rewinding show | Show timer reaches beginning | Show set to play from beginning; start screen saver timer |
| Fast forwarding show | Play | Plays the show |
| Fast forwarding show | Show timer ticks | Displays remaining show time |
| Fast forwarding show | Show timer runs out | Ends the show; start screen saver timer |
| Paused | Play | Plays the show |
| No show selected screen saver |  |  |
| Show selected screen saver |  |  |

States:

Off

No show selected

Show selected

Playing show

Paused show

Rewinding show

Fast forwarding show

No show selected screen saver

Show selected screen saver

Events:

On

Off

Select show

Screen saver timer ticks

Screen saver timer runs out

Play

Stop

Pause

Show timer ticks

Show timer runs out

Rewind

Fast forward

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | On | Off | Select | Timer ticks | Timer completed | Play | Stop | Pause | Rewind | Fast forward |
| Off | No show selected | Off | Off | Off | Off | Off | Off | Off | Off | Off |
| No show selected | No show selected | Off | Show selected | No show selected | NSS SS | No show selected | No show selected | No show selected | No show selected | No show selected |
| Show selected | Show selected | Off | Show selected | Show selected | SS SS | Playing show | Show completed | Show selected | Show selected | Show selected |
| Show completed | Show completed | Off | Show selected | Show completed | NSS SS | Playing show | No show selected | Show completed | Show completed | Show completed |
| Playing show | Playing show | Off | Playing show | Playing show | Show completed | Playing show | Show completed | Paused show | Rewinding show | Fast forwarding show |
| Paused show | Paused show | Off | Paused show | Paused show | Paused show | Playing show | Show completed | Paused show | Paused show | Paused show |
| Rewinding show | Rewinding show | Off | Rewinding show | Rewinding show | Show selected | Playing show | Show completed | Rewinding show | Rewinding show | Rewinding show |
| Fast forwarding show | Fast forwarding show | Off | Fast forwarding show | Fast forwarding show | Show completed | Playing show | Show completed | Fast forwarding show | Fast forwarding show | Fast forwarding show |
| NSS SS | No show selected | Off | NSS SS | NSS SS | NSS SS | No show selected | No show selected | No show selected | No show selected | No show selected |
| SS SS | Show selected | Off | SS SS | SS SS | SS SS | Playing show | Show selected | Show selected | Show selected | Show selected |