State Transition Table

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | On | Off | Select | Play | Pause | Stop | Rewind | Fast Forward | Timeout |
| Player Off | Idle; Show Unselected | Player Off | Player Off | Player Off | Player Off | Player Off | Player Off | Player Off | Player Off |
| Idle; Show Unselected | Idle; Show Unselected | Player Off | Idle; Show Selected | Idle; Show Unselected | Idle; Show Unselected | Idle; Show Unselected | Idle; Show Unselected | Idle; Show Unselected | Screen Saver |
| Idle; Show Selected | Idle; Show Selected | Player Off | Idle; Show Selected | Playing | Idle; Show Selected | Idle; Show Selected | Idle; Show Selected | Idle; Show Selected | Screen Saver |
| Playing | Playing | Player Off | Playing | Playing | Paused | Show Ended | Rewinding | Fast Forwarding | Show Ended |
| Paused | Paused | Player Off | Paused | Playing | Paused | Show Ended | Paused | Paused | Paused |
| Rewinding | Rewinding | Player Off | Rewinding | Playing | Rewinding | Show Ended | Rewinding | Rewinding | Idle; Show Selected |
| Fast Forwarding | Fast Forwarding | Player Off | Fast Forwarding | Playing | Fast Forwarding | Show Ended | Fast Forwarding | Fast Forwarding | Show Ended |
| Show Ended | Show Ended | Player Off | Idle; Show Selected | Playing | Show Ended | Idle; Show Unselected | Show Ended | Show Ended | Screen Saver |
| Screen Saver | Idle; Show Unselected | Player Off | Idle; Show Unselected | Idle; Show Unselected | Idle; Show Unselected | Idle; Show Unselected | Idle; Show Unselected | Idle; Show Unselected | Screen Saver |
| Screen Saver | Idle; Show Selected | Player Off | Idle; Show Selected | Playing | Idle; Show Selected | Idle; Show Selected | Idle; Show Selected | Idle; Show Selected | Screen Saver |

State Transition Diagram

Diagram

Description automatically generated