

# How to use the Volume OSD provided by Samsung?

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Implementation of the built-in TV volume UI elements

This is a guide for using the native Volume OSD provided by Samsung platform.

**Unregister/register** volume keys in the onShow event.

```
var WIDGET = new Common.API.Widget();    // For sendReadyEvent()
var TVKEY = new Common.API.TVKeyValue(); // Remote controller key value object
var PL_NNAVI_STATE_BANNER_VOL = 1;
```

```
Main.onLoad = function () {
    WIDGET.sendReadyEvent();
};
```

```
window.onShow = function (e) {
    var NNAviPlugin = caph.platform.dtv.Device.plugin('NNAVI');
    NNAviPlugin.SetBannerState(PL_NNAVI_STATE_BANNER_VOL);

    caph.platform.dtv.Device.unregisterKey(caph.platform.Key.VOL_UP);
    caph.platform.dtv.Device.unregisterKey(caph.platform.Key.VOL_DOWN);
    caph.platform.dtv.Device.unregisterKey(caph.platform.Key.MUTE);

    /**
     * code
     */
};
```

## Note

Please be aware about the letter-case in the window.onShow event.

More information on that topic can be found in [Samsung Volume UI not shown on 2012 platform](#).

## See also

Information on implementing your own volume UI and volume keyhandling can be found in [Volume control policy of SmartTV Apps](#).