| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/CompoundControl.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/javax/sound/sampled/Clip.html)   [**NEXT CLASS**](http://docs.google.com/javax/sound/sampled/CompoundControl.Type.html) | [**FRAMES**](http://docs.google.com/index.html?javax/sound/sampled/CompoundControl.html)    [**NO FRAMES**](http://docs.google.com/CompoundControl.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | FIELD | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#17dp8vu) |

## **javax.sound.sampled**

Class CompoundControl

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.sound.sampled.Control](http://docs.google.com/javax/sound/sampled/Control.html)  
 **javax.sound.sampled.CompoundControl**

public abstract class **CompoundControl**extends [Control](http://docs.google.com/javax/sound/sampled/Control.html)

A CompoundControl, such as a graphic equalizer, provides control over two or more related properties, each of which is itself represented as a Control.

**Since:** 1.3

| **Nested Class Summary** | |
| --- | --- |
| static class | [**CompoundControl.Type**](http://docs.google.com/javax/sound/sampled/CompoundControl.Type.html)            An instance of the CompoundControl.Type inner class identifies one kind of compound control. |

| **Constructor Summary** | |
| --- | --- |
| protected | [**CompoundControl**](http://docs.google.com/javax/sound/sampled/CompoundControl.html#CompoundControl(javax.sound.sampled.CompoundControl.Type,%20javax.sound.sampled.Control%5B%5D))([CompoundControl.Type](http://docs.google.com/javax/sound/sampled/CompoundControl.Type.html) type, [Control](http://docs.google.com/javax/sound/sampled/Control.html)[] memberControls)            Constructs a new compound control object with the given parameters. |

| **Method Summary** | |
| --- | --- |
| [Control](http://docs.google.com/javax/sound/sampled/Control.html)[] | [**getMemberControls**](http://docs.google.com/javax/sound/sampled/CompoundControl.html#getMemberControls())()            Returns the set of member controls that comprise the compound control. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/sound/sampled/CompoundControl.html#toString())()            Provides a string representation of the control |

| **Methods inherited from class javax.sound.sampled.**[**Control**](http://docs.google.com/javax/sound/sampled/Control.html) |
| --- |
| [getType](http://docs.google.com/javax/sound/sampled/Control.html#getType()) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### CompoundControl

protected **CompoundControl**([CompoundControl.Type](http://docs.google.com/javax/sound/sampled/CompoundControl.Type.html) type,  
 [Control](http://docs.google.com/javax/sound/sampled/Control.html)[] memberControls)

Constructs a new compound control object with the given parameters.

**Parameters:**type - the type of control represented this compound control objectmemberControls - the set of member controls

| **Method Detail** |
| --- |

### getMemberControls

public [Control](http://docs.google.com/javax/sound/sampled/Control.html)[] **getMemberControls**()

Returns the set of member controls that comprise the compound control.

**Returns:**the set of member controls.

### toString

public [String](http://docs.google.com/java/lang/String.html) **toString**()

Provides a string representation of the control

**Overrides:**[toString](http://docs.google.com/javax/sound/sampled/Control.html#toString()) in class [Control](http://docs.google.com/javax/sound/sampled/Control.html) **Returns:**a string description

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/CompoundControl.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/javax/sound/sampled/Clip.html)   [**NEXT CLASS**](http://docs.google.com/javax/sound/sampled/CompoundControl.Type.html) | [**FRAMES**](http://docs.google.com/index.html?javax/sound/sampled/CompoundControl.html)    [**NO FRAMES**](http://docs.google.com/CompoundControl.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | FIELD | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#17dp8vu) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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