

[AVKit / AVMultiviewManager](#)

Class

AVMultiviewManager

An object that manages viewing multiple videos at once.

visionOS 2.0+

```
@MainActor  
final class AVMultiviewManager
```

Overview

Watch multiple videos at the same time with [AVExperienceController.Experience.multiview](#) using multiple [AVExperienceController](#) objects.

Topics

Accessing the default instance

```
static var `default`: AVMultiviewManager
```

Use this default AVMultiviewManager to customize the multiview experience.

Providing additional UI

```
var contentSelectionViewController: AVContentSelectionViewController?
```

A view controller that presents a user interface to select additional video content to display.

```
class AVContentSelectionViewController
```

A view controller for providing additional UI to the multiview experience.

Dismissing the multiview experience

`func dismiss()`

Dismiss the multiview presentation.

Relationships

Conforms To

Sendable, SendableMetatype

See Also

visionOS playback

{} Playing immersive media with AVKit

Adopt the system playback interface to provide an immersive video watching experience.

{} Creating a multiview video playback experience in visionOS

Build an interface that plays multiple videos simultaneously and handles transitions to different experience types gracefully.

📄 Adopting the system player interface in visionOS

Provide an optimized viewing experience for watching 3D video content.

📄 Trimming and exporting media in visionOS

Display standard controls in your app to edit the timeline of the currently playing media.

`class AVPlayerViewController`

A view controller that displays content from a player and presents a native user interface to control playback.

`protocol AVPlayerViewControllerDelegate`

A protocol that defines the methods to implement to respond to player view controller events.

```
class AVExperienceController
```

An object that controls video experiences.

```
class AVGroupExperienceCoordinator
```

An object that synchronizes viewing environment state across participants in a SharePlay session.