

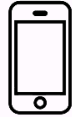
MFI for ShiVa 2.0 b8+ (macOS/iOS/tvOS)

A plugin that lets you use Apple-certified MFI controllers with your ShiVa games

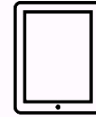
Made for



iPod



iPhone



iPad

*"Apple's MFi Program ("Made for iPhone/iPod/iPad") is a licensing program for developers of hardware and software peripherals that work with iPod, iPad and iPhone. The program covers various device connectors including the headphone jack, original dock connector and the newer Lightning connector, as well as AirPlay support. The release of the developer's version of iOS 7 at the 2013 WWDC included a new MFi approval for **game controllers**, either wrap-around designs that clip onto an iOS device, or completely separate wireless models."*

1. Product Content

- STE with product AIModel and plugin
- STE with basic demo
- this documentation PDF

2. Adding the Plugin package to your game project

The plugin comes as a drop-in STE, which you can import into your existing ShiVa project. After you have imported the STE, add the Plugin to your game's plugin tab.

The MFI AI is merely an example to show you how to access handlers. In general, MFI controllers use **nJoypad 1 to 4** (because 0 is always covered by the iOS gyro), rely on the **Xbox360 input constants** and use the **default ShiVa joypad handlers**. The only additional handler "onMFINotification" can be used to detect (dis)connection events and errors.

3. Demo Project

The demo project is adapted from the ShiVa 2.0 samples "gamepad tester". If you are done testing, simply close down/stop the game.

A youtube video of the demo can be found here:

<https://www.youtube.com/watch?v=1RZb2os34BI>

4. ShiVa plugin agreement (modified zlib)

Copyright (c) 2017 ShiVa Technologies SAS

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to any ShiVa 1.9.2/2.0 Basic and Advanced license holder for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. You are responsible for conforming to the restrictions and demands of the licenses used by 3rd party software and SDKs included in this product.
4. This notice may not be removed or altered from any source distribution.

November 2017

Felix Caffier
CM ShiVa Technologies SAS
felix.caffier@shiva-engine.com
www.shivaengine.com