iWavit – The Ultimate Remote Control

There are a few things to note about the iWavit product that make it different from any other remote control on the market.

First, it is a hardware attachment that you plug into the iPod touch, iPhone, and iPad that adds new hardware capabilities to these platforms and then uses all the wonderful graphical user-interface and multi-touch capabilities of the iOS devices to create a unique and powerful Universal Remote Control. So what could the Apple devices possibly be missing in hardware? Well, for one, they cannot send out or learn IR codes for controlling IR devices like TVs, DVD players, and set-top boxes. Also, they lack a very simple and powerful way to control any computer. While there are a few competing IR accessories for the iPhone, there are none of them that offer the breadth of functionality and operational simplicity of the iWavit.

The second thing to note about the iWavit is that it comes with not just ONE app, but with a library of over 34 iWavit apps.

Why? It is because ThinkOptics has adopted the design philosophy that a single app that does everything will end up being overly complicated to the average person who just wants to do one or two simple things.

Hence the concept of “Virtual Remote” apps: If, for example, you have an Xbox360 at home, then you can download the “iWavit Xbox” app and it will work right out of the box. No need to set anything up. You plug in the iWavit Attachment, launch the app, and now you can control your Xbox 360. It is like having gone into a Virtual Store and walking out with a new remote. In fact, the remote is even designed to look very similar to your original Xbox remote so you are already familiar with it and there is almost no learning curve. This concept is reinforced by the way the www.iwavit.com website portrays their apps as being on virtual store shelves.
To make the process even easier, there is one iWavit app - “iWavit Flow” - which should probably be the first app you should install, because it is essentially a way to browse all iWavit apps that are currently available on the App Store. It is also a handy app for quickly switching between your own iWavit Virtual Remote apps.

There are a bunch of benefits to this Virtual Remote concept, not the least of which is that you can “virtualize” your remotes and finally get rid of all the remotes in your house that you can never seem to find anyway.

So what do you do if there is no iWavit app for your TV or you really want to create your own remote? Then check out the app called iWavit Tabula Rasa. This is an amazingly powerful app that puts you in the driver seat. You can now create your own remotes, exactly like you want them. You can embed pictures and you can create buttons. You can add functions that are macros for frequently used activities, like “turn on TV, turn on surround sound, change to channel 1-3-2”. Once you have created your remote, you can then share it online, and the rest of the World can gaze upon your creation. Others can then download and use it.

The Tabula Rasa App allows you to learn IR codes for almost any remote. This is useful when you want to build up a custom remote by having a few buttons from each of your, say, 5 remotes at home. However, the app also includes and IR Remote Control Wizard with an extensive IR database. To use this you select the Manufacturer of your device (such as “Sony”) and are presented with a table of Sony remotes which each has a “try” and “use” button. You tap the “try” button to see whether your Sony device turns on/off and if it does then that is most probably your remote. Select the “use” button and the App will auto-generate the remote. You can then go into the remote afterwards and change, delete, or add buttons to your heart’s content.

One feature that needs to be tried on Tabula Rasa, is to use the “Add Background” function. With this you can take a picture of any remote control or even your living room, and then afterwards overlay transparent buttons on top of the real remote control image or on the image of your TV in your living room picture. So if the babysitter wants to turn on the TV, they just tap the image of the TV!
This is only the half of it. The iWavit Premium kit comes with a USB Dongle and IR Lightbar. You can plug the USB dongle into any powered USB port like a USB charger or a USB port on your TV. As long it gets power (the light blinks a few times), then it has configured itself to be an IR Repeater. Inside most iWavit apps you can select the “Blast from USB dongle” icon, and all IR signals will be blasted from the IR repeater instead of the iPhone. When you tap a button to blast, the iWavit sends a Radio Frequency signal to the USB dongle to blast a 10x more powerful signal of infrared light (IR) into your room. You can be over 300 feet away and still control the IR Lightbar. In fact, you can double up on emitters, and, get an IR blaster that is more powerful than anything the market has seen. An IR repeater will basically allow you the freedom to just tap a button on your remote, without having to point and aim at the device you want to control. Also, it is great for those macros where you want to control multiple device, some of which may be located in different parts of the room, or inside cabinets.

We are not quite finished with the iWavit IR functionality, because ThinkOptics has just released another amazing app that takes aim at reviving the Channel surfer in all of us. This app is called iWavit TVAid.

ThinkOptics has teamed up with BIM (a provider of TV channel listings) and Remotec (a supplier of extensive IR code libraries.) [http://www.prweb.com/releases/2011/8/prweb8737284.htm](http://www.prweb.com/releases/2011/8/prweb8737284.htm)

What this means is that you now have an app that is an Interactive TV Guide. You get to scroll through channel listings and then when you tap on a show you want to see, the iWavit sends out a sequence of commands to change to that channel. TV channel browsing has never been this easy. No need to press the “Guide” button on your set-top box remote, then have the Channel Guide obscure the movie you are watching while you repeatedly press the agonizingly slow “up” and “down” arrows, and finally the “select”.

TiVo may have invented “time-shifting”, and Slingbox may have invented “place-shifting”, and the Internet has definitely enabled “on-demand streaming” TV, but the iWavit and TVAid app are enabling the “quick channel-surfing”. Nowadays many of us have hundreds if not thousands of TV channels, so having a way to
get at them fast is not only nice, but it also allows us to get the most out of a TV service we already pay for.

While you can find some of the mentioned IR features in competing products, the iWavit is the most complete and easy solution on the market today.

What you won’t find in any other product like this, is the ability to also control Computers as easily as you control IR devices. You simply insert the plug & play iWavit USB dongle into the PC or Mac you want to control, and it will work right away - much like plugging in a USB keyboard or mouse. There is no need to install drivers.

Now you can select one of the many Virtual Remotes for Computer and program control. For example, you can launch the “iWavit Show” app which turns the iPhone into a PowerPoint Presenter pointing-remote which will allow you to advance slides and even point and draw on the screen while walking around freely. You can also launch the iWavit TrackPad app that turns the iPhone into a wireless multi-touch TrackPad and wireless Keyboard. Moreover, the iWavit hardware includes a 3D optical tracking module, which for all intents and purposes enables the iPhone to become a very precise Wii-like controller for the Mac and PC (US Patents 7796116, 7852317, 7864159 and patents pending).

You place the IR Lightbar under your TV, just like the Wii Sensor bar, and you can now simply point your iPhone at your TV Screen. Where you point is where the cursor goes. There is no drift over time and no need for constant recalibration (Yes, PS3 Move, we are pointing at you). It also tracks your distance from the screen. If you use the “iWavit TalknPill” app, there is a button on the virtual remote that allows you to zoom in on webpages by simply pulling the iPhone towards you. All this is achieved without having to install any software on your PC, or having to configure Wifi settings.
So how much does all this cost? To purchase a similar system based on products on the market today, the cost would be well over $1000 ([http://www.thinkoptics.com/iWavitCostComparison.html](http://www.thinkoptics.com/iWavitCostComparison.html)) and this would only cover a fraction of the capabilities and little of the convenience of a truly universal device. By comparison, all iWavit apps are currently free. The hardware comes in two models: the iWavit Premium (MSRP $99.99) and the iWavit Basic (MSRP $59.99). The iWavit Basic only provides the IR blasting directly from the iPhone and has no PC control, although it is upgradable to the full features of the iWavit Premium.

You can read more about the iWavit at the product website [www.iwavit.com](http://www.iwavit.com)

Supplement:

**List of iWavit apps:**

There are over 34 different apps for the iWavit. They tend to start with “iWavit” and they turn the iPod touch, iPhone, and iPad into virtual remotes for controlling major Consumer Electronic devices and Computers. *iWavit Flow* is a simple app for quick cover-flow browsing of all iWavit Remote Controls (RC). The other apps include:

- IR Control
- [iWavit Lutron](http://www.iwavit.com) – Home automation of lights
- [iWavit DirecTV](http://www.iwavit.com) – DirecTV
- [iWavit Samsng](http://www.iwavit.com) – Samsung LCD TV
- [iWavit aIR](http://www.iwavit.com) – Apple IR remote
- [iWavit Comcast](http://www.iwavit.com) – Comcast
- [iWavit Uverse](http://www.iwavit.com) – AT&T U-verse
- [iWavit Dynex](http://www.iwavit.com) – Dynex LCD TV
- [iWavit Dish](http://www.iwavit.com) – Dish Network
- [iWavit LG](http://www.iwavit.com) – LG LCD TV
- [iWavit Sony](http://www.iwavit.com) – Sony LCD TV
- [iWavit TiVo](http://www.iwavit.com) – TiVO HD-DVR
- [iWavit Vizio](http://www.iwavit.com) – Vizio LCD TV
- [iWavit Cox](http://www.iwavit.com) – Cox Cable
- [iWavit FiOS](http://www.iwavit.com) – Verizon FiOS
- [iWavit Sky](http://www.iwavit.com) – British Sky
iWavit Vision – Cablevision
iWavit Sharp – Sharp LCD TV
iWavit Mitsubishi – Mitsubishi LCD TV

PC Control:
iWavit Show! – Microsoft PowerPoint presenter & pointer
iWavit Apmote – Apple RF RC
iWavit TalknPoint – PC Direct-Pointing Air-mouse with microphone
iWavit MCE – Microsoft Windows Media Center RF RC with Air mouse.
iWavit Xbox360 – Microsoft Xbox360 IR RC
iWavit TrackPad – Multi-touch trackpad
iWavit keynote – Apple Keynote Presenter & pointer.
iWavit PS3 – PlayStation 3 RF RC
iWavit Keyboard – RF USB QWERTY keyboard
iWavit Tunes – IR & RF control of Mac/PC iTunes
iWavit Netflix – Netflix IR/RF RC for PC/Mac
iWavit XBMC – XBMC RF/IR pointing RC.

Other
Tabula Rasa HD and Tabula Rasa - Remote Editors
iWavit TV Aid – 2-in-1 TV Listing and Remote