

# Using the RetroGameBoyz Intellivision II Intelli-Stick Quick Start Guide



**WARNING!** DB9 to USB  
adapters **MAY** damage internal chip.



[retrogameboyz.com](http://retrogameboyz.com)

# My Promise to you

I have built my reputation in the retro-gaming community on product quality and customer care. If you run into any issues, contact me immediately so I may address them and work with you to fix the problem or find a solution. I am here at your service.

Mike

## Introduction

So I did it. I created an Intellivision controller. I said many, many times that I would not do it. Why? I thought it would be cost-prohibitive and that many people would not be interested. I was wrong. I never really liked the Intellivision, I think because the Atari 2600 was introduced to me first. Now in my older, retro-collecting years, I've grown to enjoy its unique game library and I'm having fun playing these games 40 years later AND without hand cramps. I hope you will too! (Bomb Squad is my favorite.)

## Instructions

1. Turn off your Intellivision Console
2. Insert female end of DB9 cable into console port
3. Turn on console
4. Turn on Intelli-Stick (on /off switch on back)
5. Enjoy and brag to your friends!

# Important!

- Designed to be used with the Intellivision II, but should work with the Sears Super Arcade and INTV model 1 (with optional adapter – not included)
- Powered by 3 AAA batteries (included)
- The battery pack is connected to an inline DC booster / voltage regulator which manages power for the onboard ICs. Depending on usage when batteries start to discharge you might notice controls to be erratic or not function correctly. This may be due to low batteries. Replace the batteries as needed. NOTE that some basic 4-way and 1 button games may operate WITHOUT power. Certain functionality might be degraded without power. It is up to you to experiment.
- **DB9 to USB adapters used with PCs for emulation, **MAY** damage the Intelli-Stick internal ICs due to possible powered pins in the USB adapter design. It is not recommended to use the Intelli-Stick with these adapters as there are a variety of them and it is impossible for me to know / test - all of them and know the outcomes. So use at your own risk.**
- See [RetroGameBoyz.com](http://RetroGameBoyz.com) Intelli-stick product page and FAQ / Troubleshooting page for more information.

## Known Behavior

The Intelli-Stick uses an 8-way micro-switch arcade stick to control direction. The original controller disc provided 16 directions which includes the common 8 way and additional diagonal precision. Some games may use additional precision for operation, however in field testing it did not seem to affect game play for those games. See [RetroGameBoyz](http://RetroGameBoyz.com) Intelli-Stick product page for more information and list of game compatibility.

## Replacing the batteries - Important!

- The battery pack produces enough voltage to power the onboard ICs. There is a voltage regulator inline that boosts the DC signal to maintain an optimum voltage even when batteries are low. If erratic operation is observed it may be time to replace the batteries. Note that even though the LED may be dim, there still may be enough power to operate the arcade stick due to the DC voltage regulator.



**IMPORTANT:** To remove the battery compartment lid, place fingers on both sides under cover's lip, apply upward pressure equally, popping cover up. Avoid bending the cover to avoid damage to the compartment.



Gently lift battery pack out of compartment by lifting shrink wrapped cord following guide slot on right. If there is not enough cord slack, you can pull some more out

through the hole in the back. Once removed from the compartment battery pack can be opened by sliding black cover towards cable.

Replace with 3 new AAA batteries.

Reverse steps to close compartment.

