



Playing Gun Games on Your Retro Box

One of the most popular genres in retro gaming is gun games, such as Duck Hunt for the NES, or Operation Wolf in the Arcades. Old style light guns, however, do not work on modern TVs, and these games normally can't be played with a standard game controller. Fortunately, there are still ways to play these games.

Playing with a USB Mouse

The first is with a standard USB mouse. You will need to get into the Retroarch menu and tweak the settings for the individual game. You do this by holding the Select button and pressing A, or whichever button you have mapped to South. You will need to change the following setting, based on which system the game is in.

- For NES games, go to Settings → Input → Retropad Binds. Change Port 1 Mouse Index to N/A. Change Port 2 Mouse Index to mouse. Next, go back to Quick Menu. Then Core Options → Input. Change Zapper Mode to Crosshair Light Gun. Change Show Zapper Crosshair to On.
- For Arcade games, go to Settings → Input → Retropad Binds. Change Port 1 Mouse Index to mouse. Next, go back to Quick Menu. Then Core Options → Input. Change XY device to Lightgun. Set Show Lightgun Crosshairs to On.
- For Sega Master System, go to Settings → Input → Retropad Binds. Change Port 1 Mouse Index to mouse. Next, go back to Quick Menu. Then Core Options → Input. Set Light Gun Input to Lightgun. Go back to Quick Menu. Then Controls → Port 1. Set Device Type to MS Light Phaser.
- For PS1 games, go to Quick Menu, then Controls. Set Port 1 Device type to mouse. Set LMB to fire, and RMB to reload. Note, LMB is left mouse button, and RMB is right mouse button.
- For SNES games, go to Settings → Input → Retropad Binds. Change Port 1 Mouse Index to N/A. Change Port 2 Mouse Index to mouse. Next, go back to Quick Menu, then Controls. Set Port 1 Device Type to SNES Joypad. Set Port 2 Device Pad to Super Scope.
- For Dreamcast. Go to Quick Menu, then Controls. Set Port 1 Device Type to Light Gun.

- For Genesis and Sega CD games, go to Settings → Input → RetroPad Binds. Change Port 1 Mouse Index to N/A. Change Port 2 Mouse Index to mouse. Next, go back to Quick Menu, then Controls. Set Port 1 Device Type to Joypad Auto, and Port 2 to MD Menacer.

Playing with a Sinden Light Gun

Another option is to play games with a modern light gun, specifically designed to work with modern TVs. The best one I have tried so far is from a company called Sinden. This is as close as you can get to a plug and play solution, although you will need to do a little setup. Plug it into your Retro Box, and in a few seconds you will see a white border on the screen. Press and hold left on the Dpad of the gun for a few seconds, and the gun will calibrate with the sights on the center of the screen. You may notice that the sights jitter a lot. This is because the glare from any other light source in the room is interfering, though usually not enough to seriously affect gameplay. Once the gun is plugged in and working, you can use a standard controller to navigate the menus, and start/exit the game. Below are some links, one to where you can learn more about the gun, and purchase one, and another to an excellent YouTube video, showing how to setup and use the gun in Batocera.

<https://sindenlightgun.com/>

<https://www.youtube.com/watch?v=7Wdxikekfpe>