

Remora

Thank you for ordering a Remora RGB LED Controller. The Remora is an easy to use RGB LED Controller made for use with ArcEye3 LEDs and MadCatz brand Xbox360 FightSticks.

Before continuing, it is very important that you take a moment to check that your kit contains everything you need for proper installation. Your Remora kit should contain:

- Remora assembled printed circuit board (PCB)
- 8 ribbon cables with 6 wires in the ribbon
- 1 harness with four wires (probably black) and a quick disconnect on each wire.

Installation instructions will be available at <http://gdlk.co/download/remorainstall.pdf>

This welcome sheet will cover the features and their use on the Remora.

Power Up Options:

Start+Select: System Reset. Holding down Start and Select when you first plug in the system with reset of all your saved options to default, and allow you to tell the Remora which button is located where on the display so the patterns can be displayed properly. After plugging in with Start and Select held, you can let go of Start and Select; there wont be any lights visible, but it will be there waiting for you to press the play buttons in this order:

1	3	5	7
2	4	6	8

As you press each one, you'll see it light up a color to show that that button has been set. If you are using the Remora on a six button arcade stick, press buttons 1-6 in order, and then press Start. Once the buttons have been assigned this way, the LEDs will each light up one at a time in the same order to show the button mapping that was saved. Next, all of the buttons will flash blue, then green, then red. This will help point out if any of the LEDs were incorrectly installed.

Select: If you hold down Select when plugging in will display the helpful troubleshooting lights. First, each of the buttons will display as white, one at a time, in order. This will help verify if the button mapping was done correctly. Lastly, all of the LEDs will light up blue, then green, then red. If you don't see the same color on all LEDs, or if you don't see one of those colors, there is an installation problem that needs to be resolved before you can truly get the most out of the Remora.

2+4+6 (aka 'Three Kicks'): Tournament Mode. Holding the 'Three Kicks' during plug in will tell the Remora to toggle Tournament Mode. In Tournament Mode, LEDs will be disabled and the stick will look like they won't even be there. The Remora is designed to use a very low, reasonable amount of power, but tournaments are always fraught with headaches. Going into Tournament Mode will almost eliminate the power that would normally be used and ensure smooth operation. Tournament mode set this way will be saved to the board; replugging the stick will NOT turn it off or on. You must either plug it in with the three kicks held, or do a System Reset to put the stick into normal operation. Your buttons must have been properly assigned using the System Reset in order for the Remora to know which buttons are the kicks for this to work.

Normal Operation:

Lock Slider (TE-S models only): If your stick is a TE-S based model and the Remora has been installed correctly, then moving the slider to 'Locked' will also activate tournament mode at any time. Moving the switch to 'Unlocked' will deactivate tournament mode. This can be done any time and does not get saved to the settings.

Setup Menu: Hold down Start until the LEDs show a blue/green/red/white vertically striped pattern. Release, and you're in Setup Menu. During this time, the menu will show you the currently selected display pattern, as if button #1 was being held, and then released repeatedly. From here, you have a number of options:

-Button 1: Pressing button #1 will select the next display pattern.

-Button 3: Pressing and holding #3 will display the next screen saver pattern for as long as the button is held down. If the screen saver is to your liking, just let go of #3 and you'll go back to the Setup Menu

-Button 5: Pushing button #5 will save all of your options to the Remora and exit back to normal operation.

Favorite Colors: The Remora has many display modes that use your saved Favorite Colors. In Setup Mode, you can hold down Select, and the currently saved Favorite Colors for each of your play buttons will be shown. If you want to change any of them, just press the button you want to change while Select is held down, and then release Select. You'll see buttons 1, 3, and 5 show up as blue, green, and red respectively, while the rest will show the current color. Pressing the blue, green, and red buttons will increase the amount of that color; hitting the buttons underneath blue, green, and red will decrease the amount of that color. Once the color is adjusted to your liking, hit Select to go back to displaying the favorite colors so you can tweak other button's colors, or release Select to go back to Setup Menu. Colors will be saved when you press #5 to exit the Setup menu.

Quick Buttons: During normal operation, you can use Start+Select to quickly set the display and screensaver modes. When Start+Select is released, the play buttons held will set the display or screen saver based on the chart below. Changing this way does NOT save them to the Remora; you will have to enter and exit the Setup Menu to make the changes permanent.

Display Name	Quick Buttons	Display Name	Quick Buttons	ScreenSaver Name	Quick Buttons	ScreenSaver Name	Quick Buttons
CycleOnPress	1	Fav_LightsOut	4	Breathe	1+6	Fav_Spiral	4+6
CycleRipple	2	Simon	1+4	Fav_Breathe	2+6	Bounce	1+4+6
CycleRippleInOut	1+2	Equalizer	2+4	KITT	1+2+6	Fav_Bounce	2+4+6
Fav_Ripple	3	Mouse	1+2+4	Fav_KITT	3+6	Daft	1+2+4+6
Fav_RippleInOut	1+3	Colormix	3+4	Sine	1+3+6	FullRainbow	3+4+6
Fav_Simple	2+3	LightsOut	1+3+4	Fav_Sine	2+3+6	AllScreenSavers	1+3+4+6
Fav_Fade	1+2+3	ScreenSaver	2+3+4	Spiral	1+2+3+6		

The display 'ScreenSaver' shows the currently selected screen saver and doesn't care what buttons you press.

The screensaver mode called AllScreenSavers will cycle through all of the screensavers, spending about 30 seconds on each before moving to the next. When selecting this via the Setup Menu, 'AllScreenSavers' shows up all white buttons to prevent confusion with other screensavers.

All of the display and screensaver names beginning with 'Fav_' take advantage of the saved Favorite Colors, so you have a lot of personalization options to make your stick truly yours.

If you have any questions or problems, your #1 best source for quick help is the Remora thread on Shoryuken.Com. The thread can easily be found by Googling 'Remora Shoryuken'.

Marcus "Toodles" Post