1 Download the software tools from the official website(www.bitfunx.com)

bitfunx	HOME	SHOP ~	BLOG	DOWNLOAD	CONTACT	
Saturn 2X Saturn 2X v0.7						DOWNLOAD

2 Run exe file, Connect saturn 2x HD converter via

MicroUSB cable

3、 Saturn 2X Updater Program instruction

Firmware update

(1) Click the Update button

Jpdate	Tools			
Upd	late Firmware			
Get	New Firmware	Doen	Close	
Mode S	elect	Screen Pos	ion	
O RGB	S 2x with smoothing		IP	
O RGB	S 2x			~
O RGB	S pass through	LEFT	RIG	HT
Com	posite 2x with smoothing			
O Com	posite pass through	DC	WN	
ColorCo	introl			
Contras	it		99	a v
Brightn	ess 0		• 0	4
11	n		0	
Hue	0		0	(¥)
Cb			98	Ŧ
Cr	0		99	* *
Filter				
CSFM	0		• 0	*
YSEM	0		0	
	0			
WYSFN			• 19	÷
	Save Set	tings		

(2) According to the instructions, hold the button first and then plug into your win10 PC with micro usb.



(3) After the connection, select the latest version of firmware

and click the update button to update the firmware



(4) Wait until the progress bar is complete and the update success message pops up on the computer.



4.Screen Position\Color\Fliter settings

NOTE: 1. The firmware needs to be updated to the latest version, otherwise the app will not work

2, this function needs to be set according to the game screen when the console is working

(1) Use micro USB to connect the HDMI converter to the computer(win10 PC)

(2) After the connection is successful, the serial port name"COM28"(name is not fixed) will be displayed in the software.

Jpdate Tools			
Pevice			
Port COM28 V	Open	Clos	e
Mode Select	Creen Posi	tion	
RGBS 2x with smoothing		UP	
O RGBS 2x			
RGBS pass through Composite 2x with smoothing	LEFT	RI	GHI
Composite 2X with smoothing Composite 2X			
O Composite pass through		JVVN	
ColorControl			
Contrast		0	4
Brightness		0	4
ник П		0	-
		- 0	
сь U			Y
Cr U		0	*
Filter			
CSFM 0		0	4
YSFM		0	4
		0	
U U			Y
Save Settin	ngs		
	-		

(3)Click Open button to load flash chip and all parameters enter editable state.

bitiunx Saturn 2X Opdater			^
Jpdate Tools			
Device			
Port COM28 ~	Open	Clos	e
Mode Select	Screen Pos	ition	
RGBS 2x with smoothing		UP	
O RGBS 2x			
Composite 2x with smoothing	LEFT	RI	GHT
Composite 2X		OWN	
Composite pass through		OWN	
ColorControl			
Contrast		99	-
Brightness		0	-
		0	
		08	
СЬ		30	
Cr U		99	-
Filter			
CSFM		0	-
		0	
0		4.0	
WYSFM		19	2
Save Se	ettings		

(4) E.g: choose"Compostie 2x with smoothing"mode

Move the screen up:



Move the screen down:



Reduce picture contrast:

K Bitfunx Saturn 2X Updater	- • ×		
Update Tools			
Device			
Port COM28 V	Open Close		
Mode Select	Screen Position		
RGBS 2x with smoothing RGBS 2x RGBS 2x RGBS pass through Composite 2x with smoothing Composite 2X Composite pass through	UP LEFT RIGHT DOWN	Reduce contrast	Hellof Greetings! And welcome to Mario Land!!!
ColorControl			
Contrast	99 🔹		
Brightness 🚺	0 🗘		
Hue 0	0 🗘	•	
сьО	98 🔹		
Cr	99 🗘		······································
Filter			18 5
CSFM	0 🗘		
YSFM	0 🛊		
WYSFM	19 🔃		20
Save Setti	ngs		And welcome to Mario Land!!!
The 2x device connected. Firmware v	ersion is: v0.7.0		

Increase YSFM:



(5) After the setup is complete, Click the "Save settings". then exit the program

Ipdate	Tools			
Device				
Port	COM28	~	Open	Close
Mode S	elect		Screen Posi	tion
 RGB RGB RGB Corr Corr 	S 2x with sr S 2x S pass thro posite 2x v posite 2X	noothing ugh vith smoothing	LEFT	UP RIGHT
O Com	posite pas	s through	DC	
ColorCo Contras Brightn Hue	ess ()	Success	X Success!	99 ÷ 0 ÷
Cr	-		确定	99
Filter				
CSFM	0			• 0 •
YSFM	-	0		49
WYSFN	1 —	0		19 😫
		Save Set	tings	