

Statement Of Procedure

Mobibooth Bluetooth With Breeze Booth For iPad

Version	Date	Author	Comments
1.0	6/23/22	MEB	Initial release
2.0	4/10/24	MEB	Added Bluetooth prefix instructions.



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Purpose

This document contains the general Bluetooth connectivity instructions for using Breeze Booth for iPad with Mobibooth products equipped with programmable LEDs.

This document is meant to supplement, not replace the Breeze Booth for iPad manual. The Breeze manual can be found at https://breezesys.com/BreezeBooth/help.

Bluetooth App Connectivity

In this section, we will demonstrate how to connect the Mobibooth RGBW Bluetooth® controller to the Breeze Booth for iPad app. The interface for the Breeze Booth app is different from other apps.



Breeze Booth Event Editor

Open Breeze Booth Event Editor and select the event you would like to edit. Then click the Edit event button. We will use the Simple demo event throughout this document.

Breeze Booth Event Editor: C:\Users\Mike\Documents\Breeze Booth for iPad\events\events.xml X				
File Help				
Save Import event Edit event Create event Local sync				
AI Background Removal Props & Filters Props & Filters + Skin Smoothing Props & Filters + Text Props & Filters Landscape				
Roamer				
Simple Simple + Text Simple Landscape Simple Video spinner Survey Video effects Video pan and zoom				
Local sync server http://192.168.10.3:8080, files served: 43				



This will open the event edit page. Click on the profile you will be editing. We will use the portrait profile in this document.

Edit Event - C:\Users\Mike\Documents\Breeze Booth for iPad\events\Simple\event_info.xml X					
Event: Simple Default profile: 1 V Initial profile: None V Regenerate manifests					
Description: Optional password: Show password Password hint:					
Landscape profiles Portrait profiles					
1 landscape/settings.xml Edit portrait/settings.xml Edit					
2 Edit Edit					
3 Edit Edit					
4 Edit Edit					
5 Edit Edit					
6 Edit Edit					
7 Edit Edit					
8 Edit Edit					
9 Edit Edit					
10 Edit Edit					
OK Cancel Help					



The Photo Booth Settings dialog will open. Locate the Bluetooth commands button in the lower right of the dialog and click it.

Photo Booth Settings (portrait)					
General Photos Slideshow GIFs Burst GIFs Videos Share Gallery/Slideshow					
Startup mode: photos \checkmark					
Style: normal \checkmark Photo aspect ratio: square \checkmark					
Mirror effect: off \checkmark Screen aspect ratio: 4:3 (most iPads) \checkmark					
Apply skin smoothing filter, strength (0 to 1.0): 0.4					
Download filename: {date}-{eventTitle}-{time}-{uid}					
Download folder: {date} {eventTitle}					
Screen folder:					
C: \Users\Mike\Documents\Breeze Booth for iPad\events\Simple\portrait Open					
Overlay fade time (0=disabled): 0.3 secs Menu timeout (secs): 30					
Inactivity timeout (0=disabled): 30 Action: Switch to standby \checkmark					
Standby screen dimming, dimming amount: 0.4 Power saving					
Power saving mode (reduced live view refresh rate when idle)					
Virtual props Add virtual props before applying styles Edit props					
QR code string scanning QR code command scanning					
☐ Show live view in sharing screens					
Remove background Settings					
Touchscreen actions Bluetooth commands					
OK Cancel Help					



The Bluetooth Commands dialog will open. Here you will want to click on the state that you wish to edit.

Bluetooth Commands		×
Command string for state:		
State:		
Startup: fx13:0,5,3,(0,0,0),,0 App settings: fx13:0,5,3,(0,0,0),,0		^
Camera settings: fx13:0,5,3,(255,255,255,255),,0 Events: fx13:0,5,3,(0,0,0),,0		
Updating: fx08:0,5,3,(0,240,255),,0 stillsReady: fx01:225,5,3,,,0		
stillsInfo: fx01:225,5,3,,,0 stillsCountdown: fx06:225,5,3,(255,255,255,255),,0		
stillsTakingPhoto: fx13:225,5,3,(255,255,255,255),,0 stillsPreview: fx08:130,5,12,(0,0,0),,0		
stillsProcessingPrint: fx08:130,5,12,(0,0,0),,1 stillsConfirmPrinting: fx08:130,5,12,(0,0,0),,0		
stillsSharePrintLayout: fx08:130,5,12,(0,0,0),,1 stillsShareSlideshow: fx08:130,5,12,(0,0,0),,0		~
Import Export	OK	Cancel



The Mobibooth LED controller takes a specifically formatted string. You can generate these using our online tool available at https://fx.mobibooth.co. Please reference the Breeze Booth documentation for an explanation of the different states.

Bluetooth Commands	×
Command string for state:	
fx13:225,5,3,(255,255,255),,0	
State:	
Startup: fx13:0,5,3,(0,0,0),,0 App settings: fx13:0,5,3,(0,0,0),,0 Camera settings: fx13:0,5,3,(255,255,255,255),,0 Events: fx13:0,5,3,(0,0,0),,0 Updating: fx08:0,5,3,(0,240,255),,0 stillsReady: fx01:225,5,3,,,0 stillsInfo: fx01:225,5,3,,,0 stillsCountdown: fx06:225,5,3,(255,255,255,255),,0	^
stillsTakingPhoto: fx13:225,5,3,(255,255,255,255),,0 stillsPreview: fx08:130,5,12,(0,0,0),,0 stillsProcessingPrint: fx08:130,5,12,(0,0,0),,1 stillsConfirmPrinting: fx08:130,5,12,(0,0,0),,0 stillsSharePrintLayout: fx08:130,5,12,(0,0,0),,1 stillsShareSlideshow: fx08:130,5,12,(0,0,0),,0	~
Import OK	Cancel



Once you have completed your edits and saved them you will need to sync them to your iPad. I've found the Local sync to be quite handy for this. To use this functionality, click the Local sync button.

Breeze Booth Event Editor: C:\Users\Mike\Documents\Breeze Booth for iPad\events\events.xml File Help	×
Save Import event Edit event Create event Local sync	
AI Background Removal Props & Filters Props & Filters + Skin Smoothing Props & Filters + Text Props & Filters Landscape Roamer	
Simple Simple + Text Simple Landscape Simple Video spinner Survey Video effects Video pan and zoom	
Local sync server http://192.168.10.3:8080, files served: 43	



Make sure to check the Sync events via local network checkbox in the lower left.

Local Syncing	\times
Sync: Simple	~
Connect your iPad to the same network as this computer and scan the QR code below to sync the "Simple" event to the iPad.	>
Sync events via local network while Event Editor is running Local sync server http://192.168.10.3:8080, files served: 43	

Once the sync is complete you are ready to use the App with your Mobibooth photo booth!



Breeze Booth App Settings

To connect Breeze Booth to a Mobibooth LED controller go to the settings screen, select "Show advanced settings" and select "Connect to Bluetooth"

Save		Settings	Cancel
Show advanced	d settings		
Event server:	http://192.168.10.3:8080		
HTTPS POST w	when syncing		
Sign in to Dropbo	DX.		
Print using AirP	Print	Show AirPrint previ	ew 🕕
Startup using f	ront camera		
Must be signed	l in		
Log activity to j	ournal.txt		
Show 'Events' r	menu entry		
Show 'Sign Out	t' menu entry		
Show 'Quick Se	etup' button		
Sync event dail	y at 4am		
Purge photos d	laily at 4am 🌒	Age (days): 0
Auto run event	at startup		
Connect to Blu	etooth		
Set Bluetooth pre	efix		Scanning
Setup passwore	d:		
Exit password:			

Tap "Set Bluetooth prefix" to define which Bluetooth IDs **the app will connect to. For Mobibooth products,** you will enter the prefix **MOBIBLE**.



	Settir	ngs		
Show advanced settings				
Event server: http://192.1	68.10.3:8080			
HTTPS POST when syncin	9			
Print using AirPrint		Sh	ow AirPrint preview	
Startup using front camera				
Must be signed in				
Log activity to journal.txt	Bluetooth Prefix Please enter the Bluetooth peripheral's prefix (Breeze Booth will only connect			
Show 'Events' menu entry	to peripherals with	to peripherals with names that start with this prefix):		
Show 'Sign Out' menu ent	MOBIBLE			
Show 'Quick Setup' buttor	Cancel	ОК		
Sync event daily at 4am				
Purge photos daily at 4am			Age (days	s); 0
Auto run event at startup				
Connect to Bluetooth				
			Sci	anning
Setup password:				
Exit password:				