

# Easy Remote

English

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# 1. Overview

Easy Remote is an iPhone, iPad and Android smartphone/tablet app which allows you to control a variety of DMX devices and software over a WiFi network. The free app can be found at the App Store and Google Play.

## Getting Started

Before opening the app, make sure your smartphone/tablet is connected to the same network as the computer or DMX interface you wish to control.

When you open Easy Remote you will be asked to choose a controller. Make sure you're running a copy of the software on your computer or you have a DMX interface connected to the same local network. Easy Remote will show you a list of available controllers. Simply tap the one you wish to control.

Should you want to change controllers you can return to the controller list by tapping the arrow on the toolbar in the Interface Builder on iPhone/iPad, or the 'Back' button on Android.

## Building your interface

Now you are ready to build your interface. Tap the padlock icon on the toolbar to unlock the workspace. You will be presented with the component palette from which you can select the buttons and faders etc to build your interface. Scroll up or down on the Component Palette to reach other components.

Note: with some software packages, you need to make your design on the computer. The layout is then sent from the computer to the tablet/smartphone. In this case, the component palette will not appear.

Arrange the components on the workspace to suit your needs. To add a component to the workspace, simply tap its icon on the scrolling component palette. Components can be moved around the workspace by dragging them with your finger. To remove an item from the workspace, drag it onto the toolbar at the top of the screen and release.

Below is a list of available components. Depending on the connected controller, some components may not be assignable:

- On/Off button: normally used for switching scenes on and off
- Push button: use this to create a 'Flash', or with controllers where it is not possible to switch a scene OFF
- Vertical Fader: normally used for dimming or changing the speed of effects
- Horizontal Fader: a horizontal version of the vertical slider
- Dial: A rotary version of the slider
- 90 Degree Dial: Works the same as a dial but rotated 90 degrees
- XY grid: for controlling the pan and tilt of moving heads and scanners
- Color Wheel: To control an RGB or CMY color mixing light
- Text Label: For adding your own text
- Add Page/Remove page: To add or remove a page (see below)

The component palette can be hidden by tapping the paintbrush on the toolbar. Tap it again to bring it back.

The workspace can be extended by tapping the page icon at the bottom of the component palette. This gives you additional pages on which to place components if you find yourself needing more space. The workspace may comprise of up to ten pages.

When extra pages are added, dots appear to show you how many pages make up your workspace. You can get to other pages by swiping to the left or right. Your current page is indicated by the brightest dot. Be careful when swiping with the workspace unlocked. Swipe with your finger starting in free space as swiping with your finger starting on a component will move the component instead.

When you are finished designing your interface, lock the workspace by tapping the padlock.

## Saving your interface

Once you have built your interface you can save it by tapping the floppy disc on the toolbar. Enter a name and tap the disc icon.

Once your interface is saved lock the workspace by tapping the padlock. This hides the component palette and prevents further changes being made. If you want to change something at a later date just tap the padlock to unlock.

## Getting your interface to control fixtures

Now that you have built your interface, you need to assign commands to your components.

### If you are using a Stand Alone DMX controller

- Press the pen icon (see image)
- Select a command, for example 'Scene On', 'A1'
- Give your component a name
- Choose an on/off/text color by moving the slider. You can also choose from one of the 5 presets. To store the selected color in a new preset, hold the preset for 1 second. (the last preset cannot be modified)
- If you're using a slider, select the minimum and maximum value of the slider

### If you are using lighting control software

- If the interface design has been made on the computer, your commands are also assigned here, therefore there is nothing to do on the tablet/smartphone other than refresh the screen
- If the interface design has been made on the tablet, you need to tell the software which parameters you want your components to control by right clicking and choosing Learn Easy Remote Command

## Creating a Computer to Computer Network

If you don't have a network, you can create a direct connection between your computer and your smartphone or tablet.

### Windows XP

- 1.Open the Start menu
- 2.Click on Control Panel
- 3.Under Pick a category, click Network and Internet Connections
- 4.Under Pick a Control Panel icon, click Network Connections
- 5.Right-click your wireless network connection, and then click Properties
- 6.In the Wireless Network Connection Properties dialog box, click the Wireless Networks tab
- 7.On the Wireless Networks tab, under Preferred networks, click Add.
- 8.In the Wireless network properties dialog box, on the Association tab, type the name of your ad hoc wireless network in Network name (SSID) box. For example, you could name your wireless network "LightingControlNetwork".
- 9.Clear the The key is provided for me automatically check box.
- 10.Select the This is a computer-to-computer (ad hoc) network check box.
- 11.Create a password and type it in both the Network key and Confirm network key boxes. For the best security, include letters, numbers, and punctuation. Then click OK.
- 12.Click OK again to save your changes.

### Windows Vista

- 1.Open the Start menu.
- 2.Click Connect to
- 3.Click Set up a connection or network
- 4.Select Set up a wireless ad hoc network and click Next
5. Enter the new network name such as "LightingControlNetwork"
- 6.Enter a Security key
- 7.Check Save this network

### Windows 7

- 1.Open the Start Menu
- 2.Click Control Panel
- 3.Click Network and Internet
- 4.Click Network and Sharing Center
- 5.Under Change your networking settings, click Set up a new connection or network
- 6.Select Set up a wireless ad hoc (computer-to-computer) network
- 7.Click on Next twice
- 8.Enter the Network name such as "LightingControlNetwork"

9. Select the Security WAP (or WEP)
10. Enter the Security key or password
11. Check Save this network check box
12. Click Turn on Internet connection sharing

#### Mac OSx

1. Choose Create Network from the AirPort status icon in the menu bar. (If the icon isn't in the menu bar, choose Apple > System Preferences, and then click Network. Click AirPort and select the "Show AirPort status in menu bar" checkbox.)
2. Give the network a name and select a channel from the pop-up menu. The default channel is 11, but you can choose channel 1 or channel 2.
3. Select the Require Password checkbox to protect your network with a password. Type the password users will need to enter in order to join your network. Do the following:
  - Type a password of exactly 5 ASCII characters or 10 hexadecimal digits if you chose "40-bit WEP (more compatible)" from the Security pop-up menu.
  - Type a password of exactly 13 ASCII characters or 26 hexadecimal digits if you chose "128-bit WEP" from the Security pop-up menu.

Connect your tablet or smartphone in the same way as you would normally connect to a wireless network.