

Flyer Quick Start Guide

Hookup

Connect power, data (either IEC or IEEE-488), and network cables before continuing. Power is supplied via a 2.1mm **center positive** 9v power source, which should be rated 1A or higher.

Please ensure your Commodore computer is powered off when connecting the Flyer!

Switch on the Flyer. The leftmost green LED at the front of the Flyer should light up, along with the backlit LCD display announcing the Flyer and current firmware version. If you do not see this, switch off the power immediately and verify the correct power source is being used.

Using the Button

The button on the Flyer is used to switch between disks on the Flyer as well as providing a quick method of changing various configuration options.

The LCD display can be switched between different modes using “long” (1/2 second or longer) button presses. Changing the current value or parameter shown on the LCD can be done using shorter button “taps”. All the display modes use this pattern.

There are currently 3 display/input modes: current disk, current device#, and current cloud server.

A Note About Case

Since the Flyer is meant to interface with “the outside world”, character case becomes an issue. Most Commodore users are used to working in upper case (at least with the VIC-20 and onward), switching to lower case only rarely for certain programs.

There are 2 character modes on Commodore computers: graphics mode and text mode. Graphics mode is what most Commodore users are used to. In this mode, unshifted characters appear as uppercase, and shifted characters appear as graphics symbols.

When changing to text mode (pressing the C= and shift keys simultaneously, or poke59468,14 on the PET), unshifted characters appear as lower case, and shifted characters appear upper case.

This is what is assumed when working with the Flyer: regardless of which mode you are in, unshifted characters will be interpreted as lower case **always**, and shifted characters will be interpreted as upper case **always**. Again, it doesn't matter which mode you are in, although it will be most natural if you are in text (lowercase) mode when working with the Flyer.

Again, to toggle between lower/upper case on most Commodore machines, simply press the Commodore and shift keys simultaneously.

To switch to graphics (uppercase) mode on a PET: **poke 59468,12**

To switch to text (lowercase) mode on a PET: **poke 59468,14**

All examples in this guide and in the Flyer User's Guide assume you are working in text (lowercase) mode.

Commands (such as `load"$" , 10`) are always displayed in lowercase/unshifted for this reason.

Initial Setup

The Flyer is really 2 peripherals in one – a network device and a disk drive emulator. The network device (the primary Flyer device) responds as device #7 (cannot be changed), and the disk drive emulator responds as device# 8-15 (selectable).

The Flyer disk emulator is set to device 10 initially. To change the device number, use long button presses until the current device # is displayed on the LCD. Then use short button taps to change the device #. The changes take effect immediately.

Load the self-contained configuration program to configure network and other settings. Assuming the disk emulator address has not been changed from the default:

```
load"1:config" , 10
```

Configure network settings as necessary for your LAN. The Flyer will respond to PINGs, so you can test whether it is configured properly by opening a command shell on another computer on your network and typing "ping x.x.x.x", where x.x.x.x represents the IP address you assigned your Flyer. If you do not see any replies, verify your network settings are correct.

You may also want to create a free account at **commodoreonline.com** at this time. This is a free website which allows you to create, edit and transfer disk images to/from your Flyer. Commodoreonline.com is a "cloud server" in Flyer-speak. The Flyer is designed to interact as seamlessly as possible with cloud servers to transfer disks and programs (and even other data) to and from your Commodore computer.

Once you have a username and password for commodoreonline.com, use the Flyer's config program to set this login information for the first cloud server, which is preconfigured with commodoreonline.com's website address.

Here are a few samples of things you can do at this point, using your commodoreonline.com account.

```
load"$" , 7 – this will list all of the disks and programs stored in your commodoreonline.com account
```

```
load"disk:Disk Name" , 7 – this will transfer the disk labeled "Disk Name" from your commodoreonline.com account to your Flyer.
```

```
save"hello" , 7 – this will save the currently loaded BASIC program to your commodoreonline.com account, naming it "hello".
```

Please see the Flyer User's Guide (available for download on retroswitch.com) for more information.

If you have any additional questions about using your Flyer, please contact support@retroswitch.com. Your input will also be used to help improve this and other documentation!