



GliderGlider

www.gliderglider.net

Configuration Guide

1. Choose the software..

The GliderGuider is able to run a variety of the most popular moving Map applications including SeeYou Mobile, LK8000, XCSoar, WinPilot, SkyDemon & Memory Map.

Things to consider:

- Which (if any) software applications are you most familiar with?
- What program is most widely used within your club?
- If a competition pilot; what program is used for scoring?
- Price! While some applications are free, others are subject to a licence fee.

Note:

- Whatever software you choose to run on your GliderGuider, please make the time and effort to get to know it. Read the manuals and configure the system with care!



2. Choose a mount..

A simple sucker mount is supplied with the GliderGuider and while this is perfectly adequate, some may wish consider an alternative mounting system – particularly in the case of permanent installations.

Things to consider:

- Will it be permanently installed in the aircraft or used in a number of different club aircraft?
- Do you want to be able to remove the mount after each use?
- Physical location with respect to the aircraft power source and any other devices you wish to connect to the GliderGuider.

Note:

- Please refer to our [Mounting Guide](#) for some alternative options.



3. Use stand-alone..



Default settings for the Internal GPS:

Com Port = COM4

Baud Rate = 9600

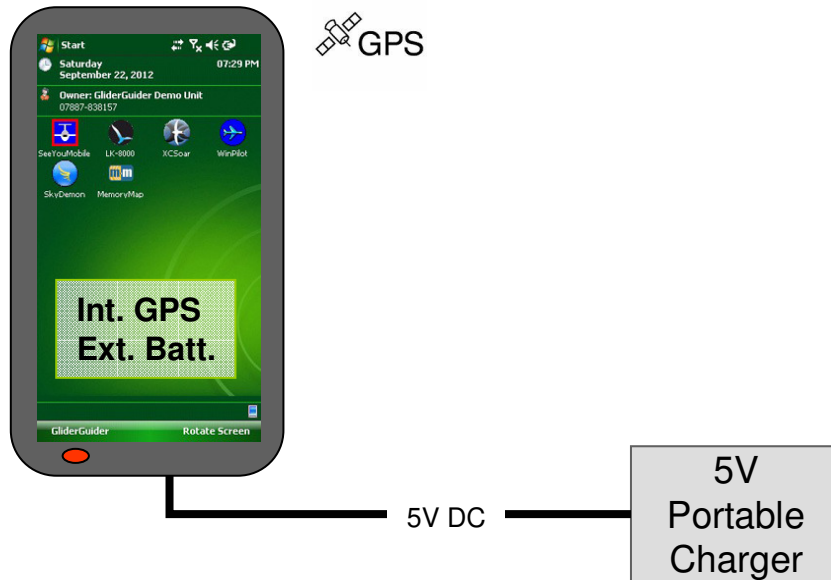
No of bits = 8

Stop bit = 1

- The GliderGuider will typically run for about 2 hours from its own internal rechargeable battery – depending on the software application used, the settings and the state of charge of the battery.
- The internal GPS receiver will feed **GPS Position** and **GPS Altitude** data to your software application.



4. Use with an external battery charger..



Default settings for the Internal GPS:

Com Port = COM4

Baud Rate = 9600

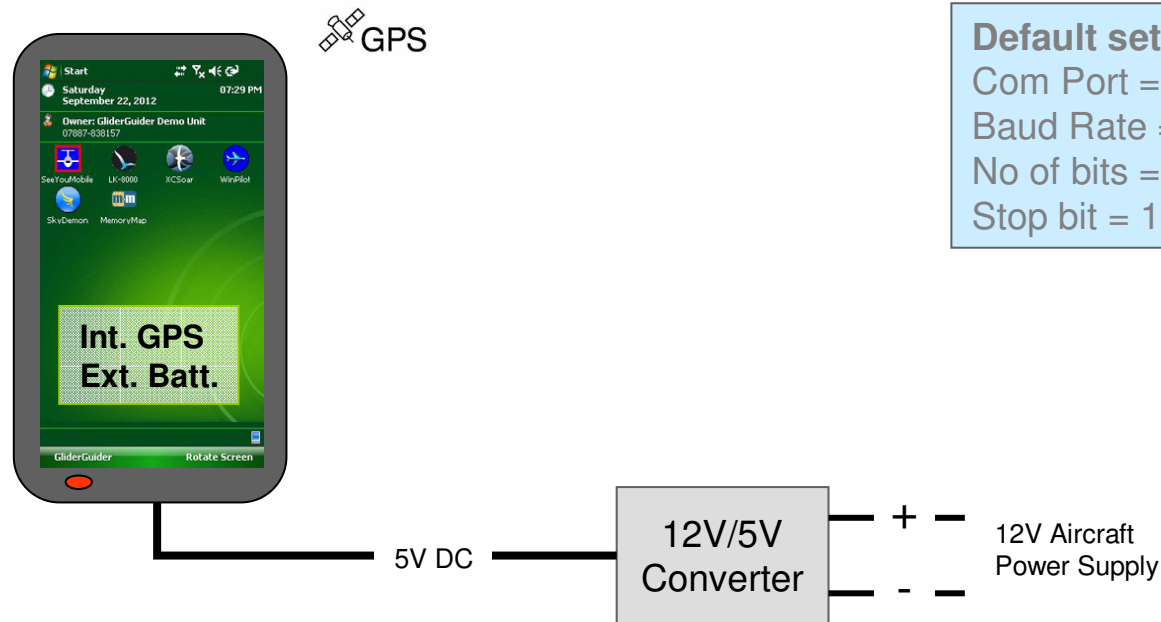
No of bits = 8

Stop bit = 1

- Choose one of the many 5V battery charges available for 5V portable devices such as mobile phones & tablet computers. Choose one with the standard 5 pin Mini-B USB connector.
- Caution: Most such devices are prone to causing some radio interference, particularly at higher charge rates, so its best to charge your GliderGuider before the flight!



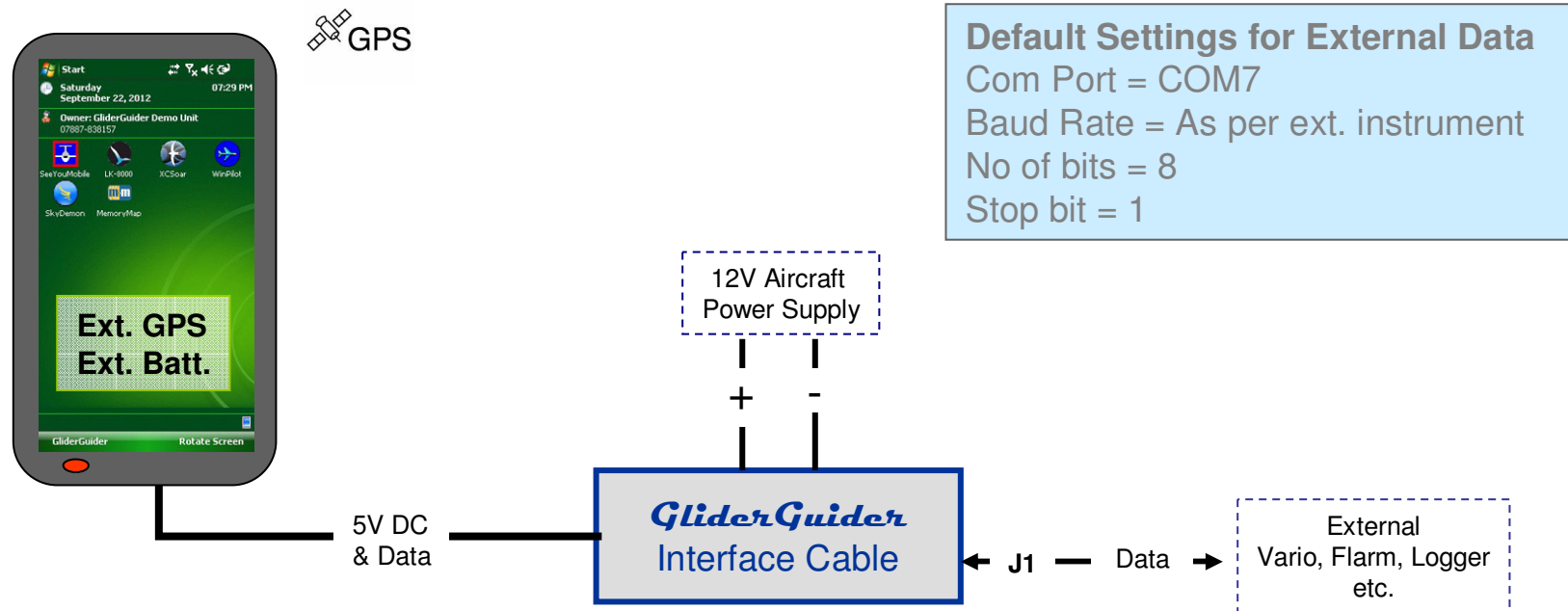
5. Connect to the aircraft power supply..



- The internal battery in the GliderGuider will be continuously charged from the aircraft supply. Recommended for longer flights!
- The GliderGuider can draw up to 700mA at 5V. Ensure that the external supply is capable of delivering adequate power for the intended duration of the flight.



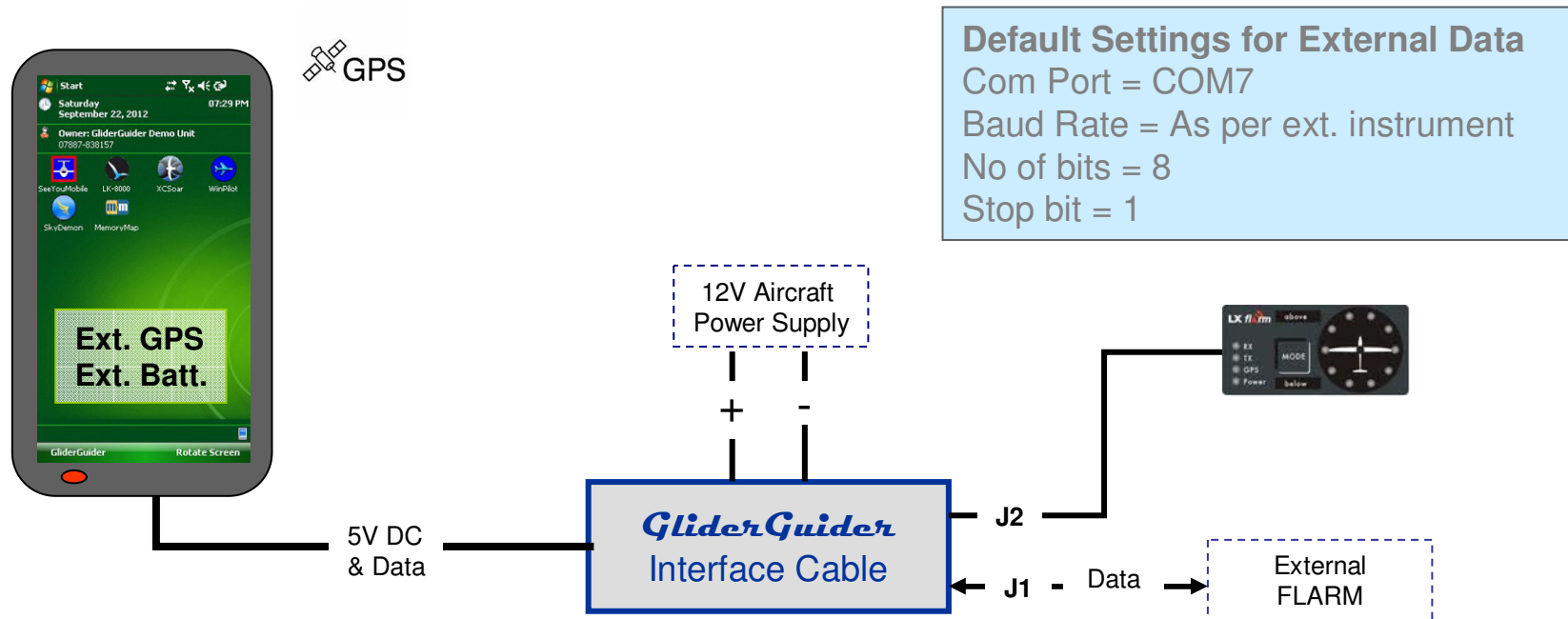
6. Connect to the aircraft power & other instruments..



- The GliderGuider and the Interface are powered from the aircraft supply.
- The GliderGuider receives external data such as GPS Position, Pressure Altitude and FLARM information from other on-board instruments.
- Flight declarations, from the GliderGuider to your various external instruments are also possible (if supported).



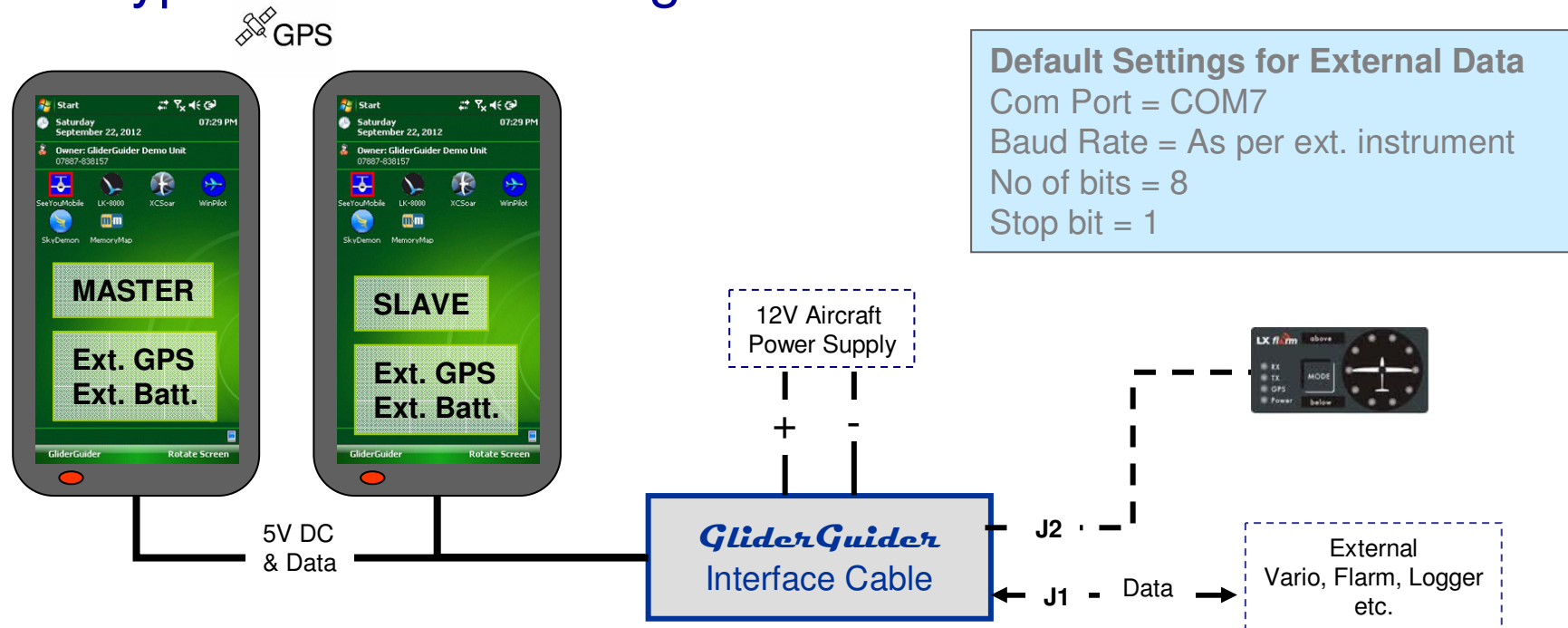
7. Connect the aircraft power & FLARM (with ext. display)..



- The GliderGuider and the Interface are powered from the aircraft supply.
- The GliderGuider receives external data such as GPS Position, Pressure Altitude and FLARM information from the FLARM unit.
- The external FLARM display is connected to the Interface Cable via the integral splitter. This configuration is particularly well suited for the Red-Box FLARM, or any two seat FLARM installation.



8. Typical two seat configuration..

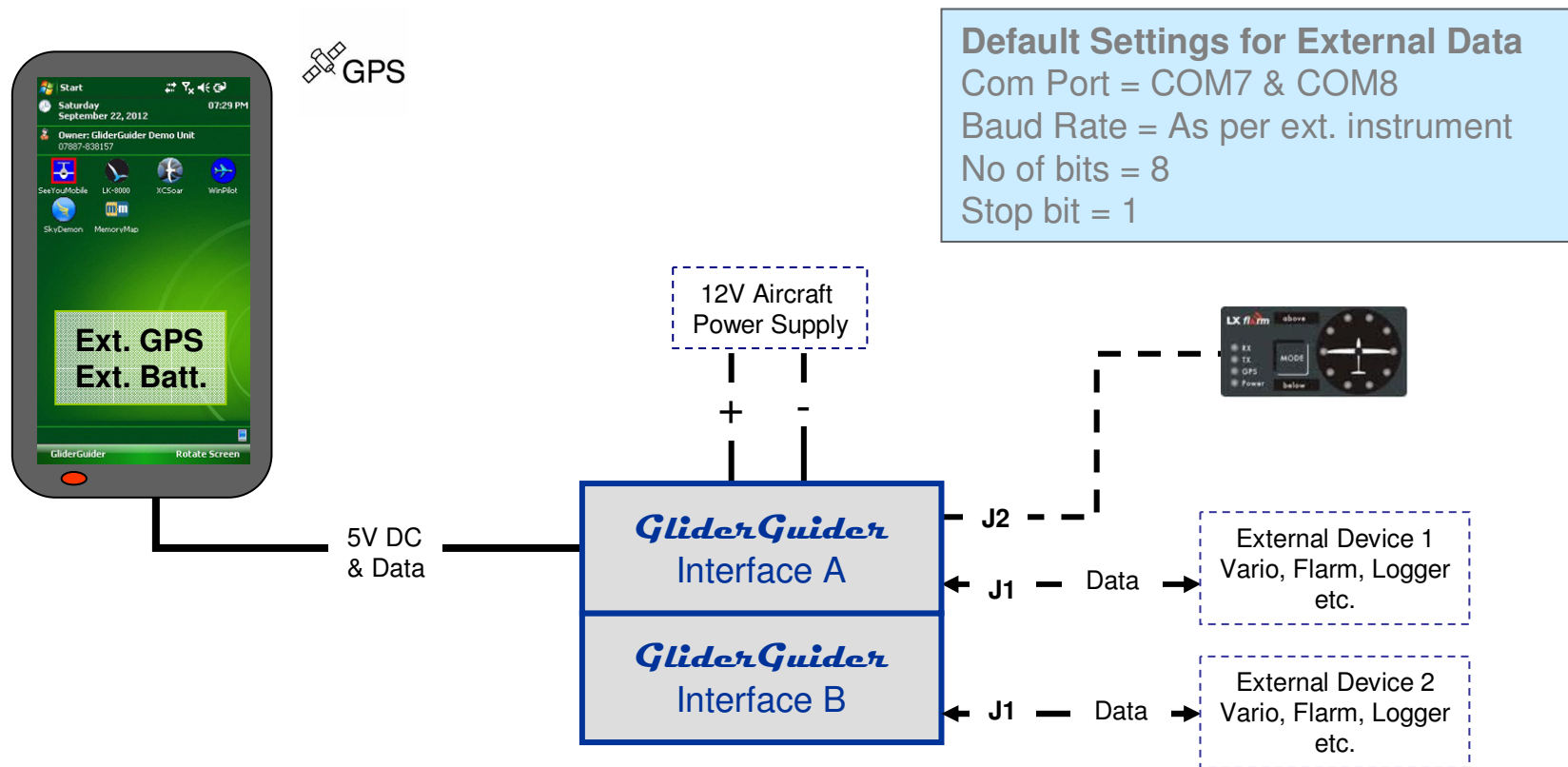


Default Settings for External Data
Com Port = COM7
Baud Rate = As per ext. instrument
No of bits = 8
Stop bit = 1

- Both GliderGuiders and the Interface are powered from the aircraft supply.
- Both GliderGuiders receive external data from the external instrument.
- Only one (Master) is able to make declarations, the second is a Slave.
- The external FLARM display is connected to the Interface Cable via the integral splitter – if applicable
- Available only by Special Order!



9. Connect the aircraft power & TWO external instruments..



- When just one external device is not enough!
- This configuration exploits the TWO separate COM Ports available in the GliderGuider to the full.
- Only applicable for use with LK8000 & XCSoar
- Available only by Special Order.





If in any doubt – please don't hesitate to ask!