

MGC LXNav S3 Digital variometer

Description

LXNAV S3 is a standalone digital variometer found in the K13 (CCW) and Junior (FZP).

Control of the LXNAV S3 is by one rotary knob combined with a push button [ON/OFF, volume and settings].

The instruments have been configured with standard Club settings by the club for general use and should not require adjustment. If the variometers enter the set-up/configuration page, leave the button alone and they will revert to the main screen after about 10 seconds.

Figure 1



How to use

There is only one control, a rotary switch with push button, see Figure 2.

Turning the knob adjusts the variometer volume, or selection of configuration settings.

ON/OFF

A short press of the push button will turn the S3 **ON**. Adjust the volume after the vario has completed its start up checks.

A long press (approximately 5 seconds) will turn the S3 **OFF**. For the K13 S3 & rear seat repeater (S3D) both displays need to be turned on independently.

Main screen and needle

See Figure 2

Mechanical needle (red) displays vario. Printed scale set to a range of +/- 10kts.

Diamond symbol (red) shows average vertical speed (climb/sink).

Upper, middle and lower number have been configured to show

- average vario, (24 secs)
- voltage,
- flight time.



Figure 2

[Configuration – The varios have been set-up to show: Average vario – 24 secs, vario filter 1.2 secs, full range +/- 10 kts, audio = linear, positive only]