Innovations in gliding technology for over 35 years

LX Joy

Stick mounted remote control unit for

LX Zeus

User manual

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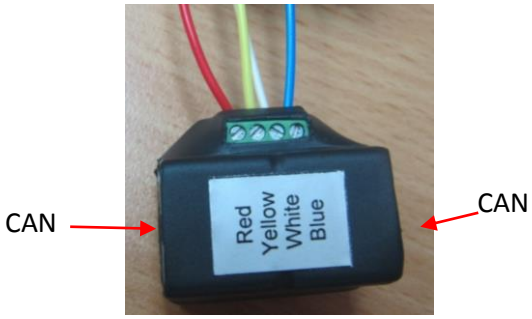
General

LX Joy is ergonomically designed, with leader covered remote stick handle for glider airplanes. It consists of 5 buttons and navigation switch on the front side, 1 button on the back side, build in electric circuit and wiring.

The internal diameter of the bore can be 19,1 mm, 20,1 mm or 24,3 mm. It is important to point out the dimension by ordering.

Electrical connection

The LX Joy is connected to other devices via CAN interface. 2 CAN connectors are on the LX Joy interface, where you also connect 4 wires from LX Joy (as marked on the label).



Picture 1: LX Joy interface

On whole CAN wiring must be **only one** terminator. You can put terminator in LX Joy interface or in LX Zeus. PTT cables should be connected directly to Radio and SC cables should be connecter to Vario. If you have done everything correct, LX Zeus will automatically detect LX Joy.

Additional settings

After connecting everything you should go on LX Zeus in Setup -> Vario SC -> External switch mode and set it to “ON”. If you have another switch for SC, instead of option “ON” use option “TOGGLE”. If you don’t want to use SC button, set option to “OFF”.

To see (on LX Zeus) in which mode is LX Joy long press ESC button and you can edit the header. Then select free space in header, click OK and choose LX Joy mode.

NOTE!!
In order to LX Zeus work with LX Joy, software version on LX Zeus should be at least **3.2.2** or higher.

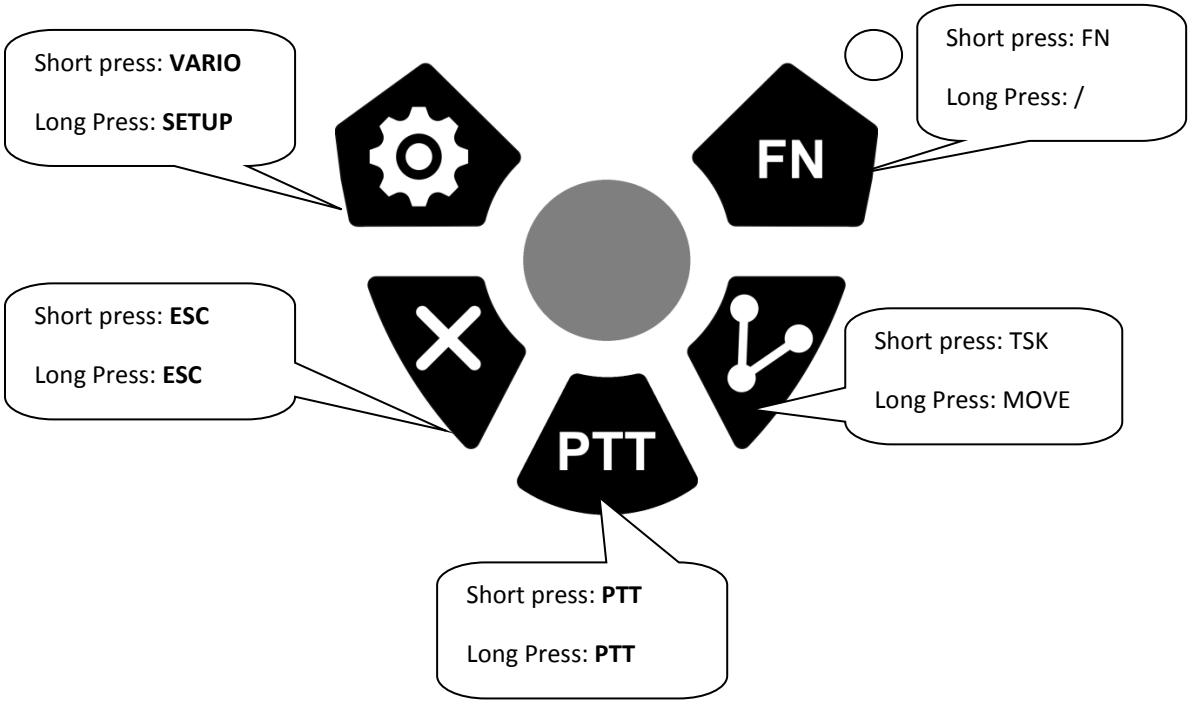
Stick handle with keys

The old stick handle (if existent) should be removed and replaced with new one. It may be that the cable bore of the stick is not big enough for all the cables. Before you

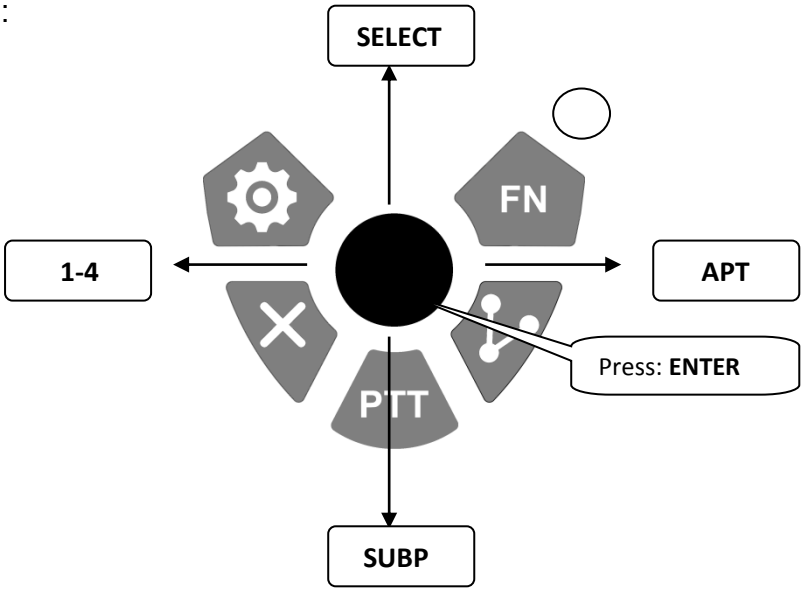
enlarge it please contact the aircraft manufacturer. When you put on the new stick, three allen (inbus) screw on the bottom of the stick should be tighten. Buttons and their functions are described bellow. To change mode press FN button.

Buttons description

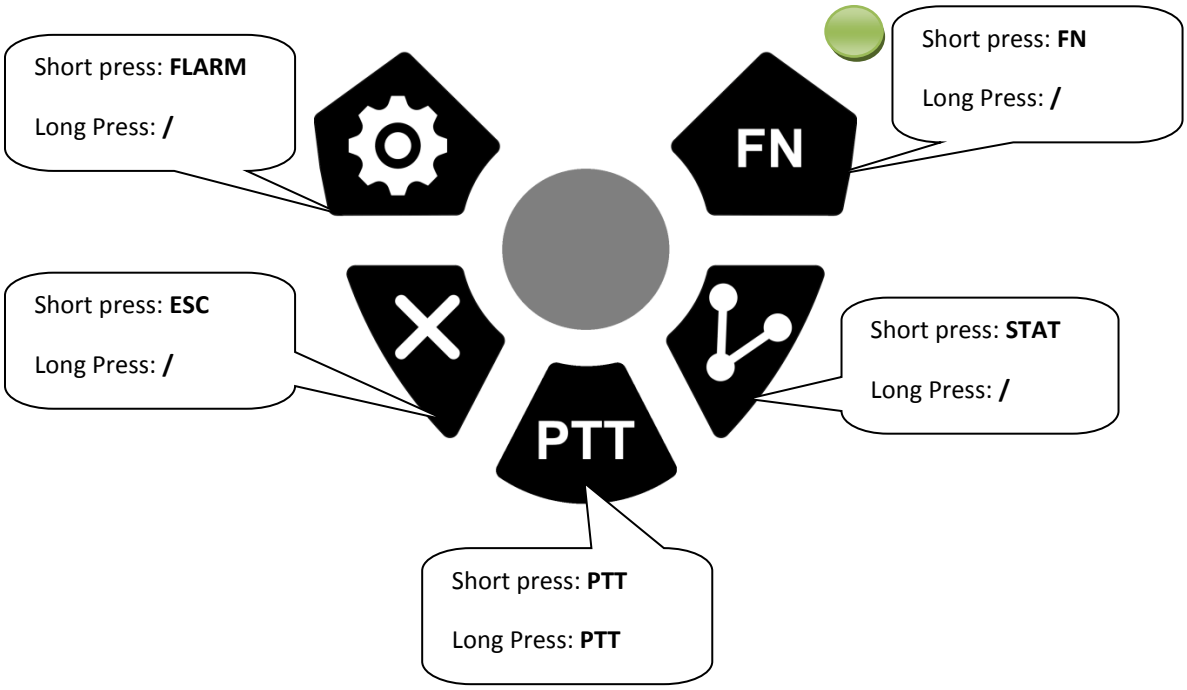
NORMAL MODE (LED OFF)



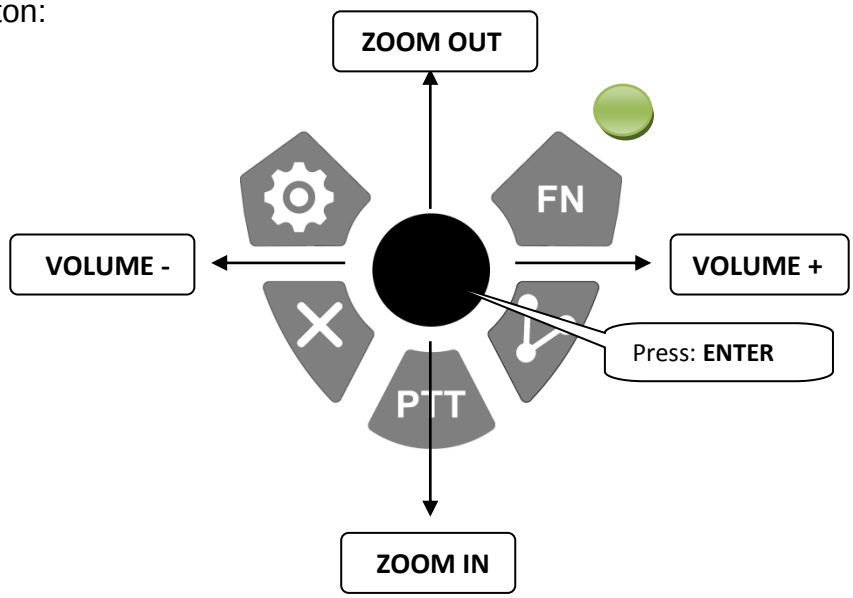
Joystick button:



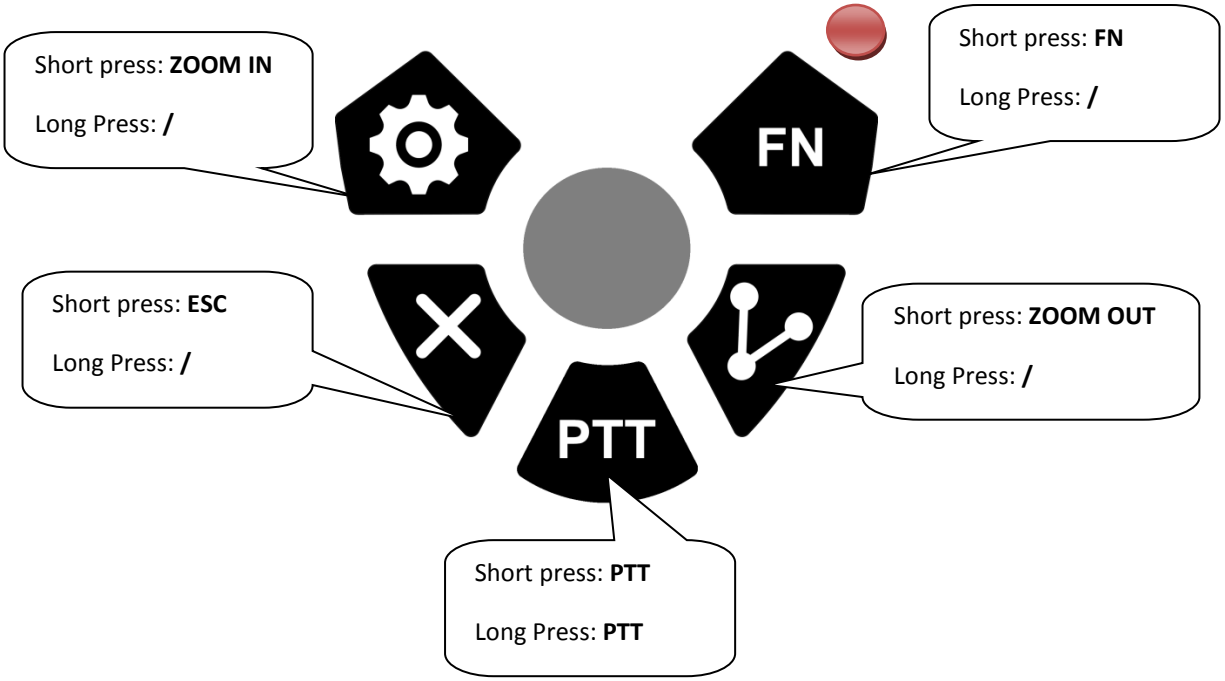
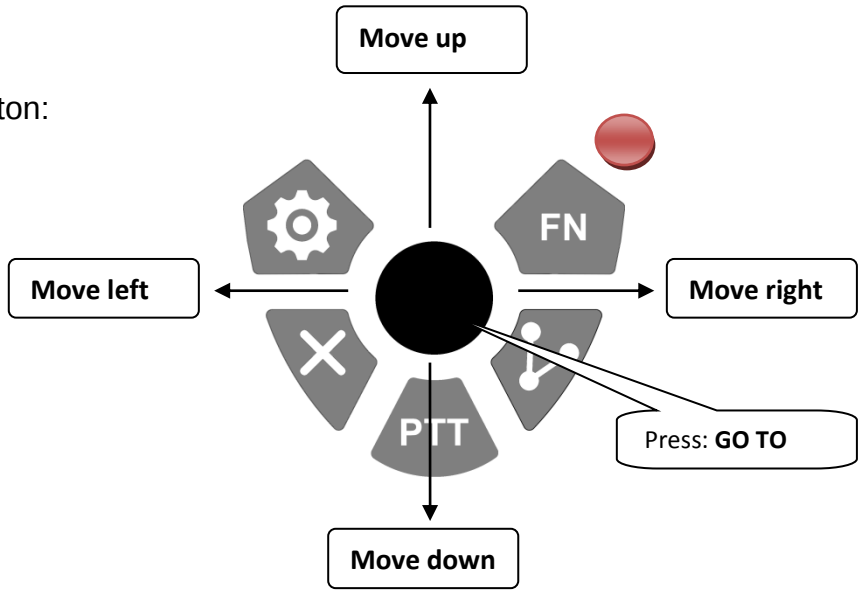
ZOOM/VOLUME MODE (LED GREEN)



Joystick button:



PAN MODE (LED RED)



Joystick button: