

LX-Remote control unit

1 LX-remote keyboard version

1.1 General

The unit consists of an aluminium housing (80x60x20 mm), a rubber keyboard and a micro controller. The keys made of rubber are used to ensure comfortable manipulation. All LX7000, all LX7007 (brand new) and all LX5000, having a program version 8.2 or higher, are ready to support the LX-Remote. There are no additional settings needed on the LX-device or on the LX-Remote. The remote unit is detected automatically after the LX7000/LX5000 is switched on.



All keys have only one function, no combinations, no double functions. All keys correspond 100% to the LX5000 resp. LX7000 pro IGC usage philosophy.

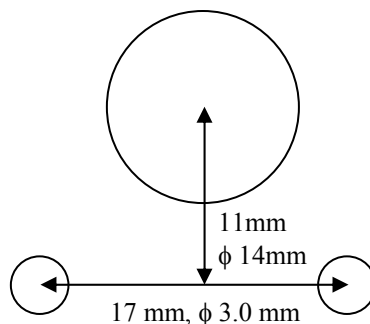
Remote	LX7000 pro IGC
• \leftarrow MODE MODE \rightarrow	Mode Selector knob
• \uparrow \downarrow	Up/down selector knob
• ESC,EVENT,ENTER,MC,START	ESC,EVENT,ENTER,MC,START/ON key
• + ZOOM, -ZOOM	ZOOM knob

1.2 Getting started

The following parts are delivered:

- LX-Remote unit
- Flexible cable with telephone connectors on both sides (can be bought in your telephone shop)
- RS485 BUS cable

The RS485-BUS cable consists of 0.5m cable, 9P SUB D male connector, printed circuit board and a small aluminium plate for fixing. The printed circuit board is normally fixed on the instrument panel. To do that, it is necessary to drill three holes as shown in the picture below.



1.3 Electrical connection

As described, the LX Remote should be connected to the LX 5000 RS485-BUS. To do that, a free port on the digital vario rear side (9 P female) should be used. If there are no free ports (other devices connected) it is necessary to order a RS485 Splitting Unit (available from Filser Electronic GmbH) to split one input into 3 outputs. Having done everything correct the LX-Remote will be detected automatical by the LX-device after this has been switched on and activated.

2 LX 7000 PRO IGC – Remote K- Stick mounted unit

2.1 General

All necessary electronic is built into the top of the stick and only four wires should be provided from the handle tube to the interface unit, this solution makes the installation very easy. Additionally two shielded cables are used for speed command key and PTT.

Note!

Don't forget to initialisate speed command input setting to TASTER (SETUP/INPUT)

2.2 LX Remote K configuration

There are two units:

- Leather coated stick with built in electronic

Note!

The stick is delivered in three diameters, 18mm, 20mm and 24 mm. Please measure stick diameter before ordering..

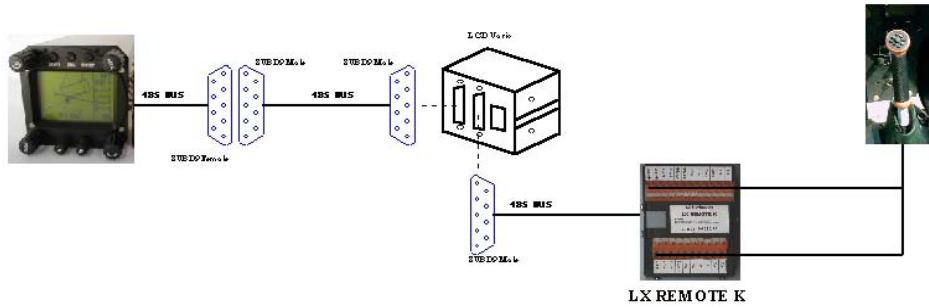
- Interface printed circuit board to connecting wires coming from the stick to the LX 485 system bus.

2.3 Stick handle with keys

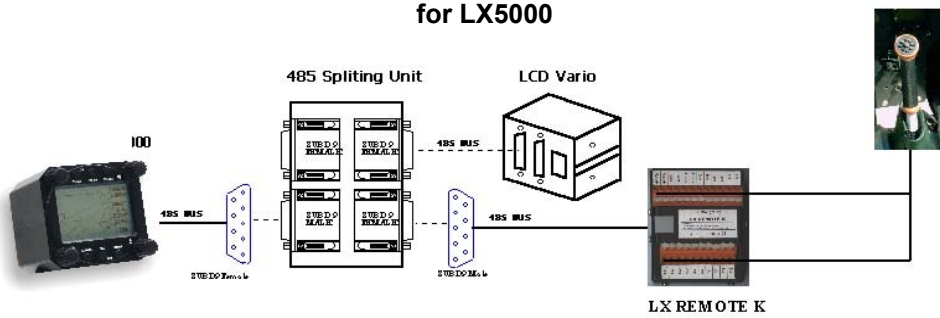
The original stick grip should be removed and replaced with the new one. On the top of the new grip there are 9 push buttons. An additional button positioned on the front side is for climb/cruise change over. Both PTT and climb/cruise buttons are wired separate. All remaining buttons are connected to the built in microcontroller and only four wires should be connected to the 485 system bus. A very small interface printed circuit board connects four wires coming out of the stick to the 485 System bus.



for LX7000



for LX5000



LX navigation



+ 49 9779 8589530



support@lxnavigation.de



+ 49 9779 8589533



<http://www.lxnavigation.de>



+ 386 3 490 4670



support@lxnavigation.si



+ 386 3 490 46 71



<http://www.lxnavigation.si>

