

LX16xx and LK8000

The LX166/LX1600 instruments have the ability to be controlled by a PDA.

Since Version 3.0 of LK8000 this feature is supported in both directions.

The values for McReady, Ballast and Bug's (Efficiency) can be entered either be adjusted on the LX16xx and in LK8000 both will have the same values after a few seconds.

LX16xx		LK8000	
Name	Range	Name	Range
MC	0.0 .. 10.0	McReady	0.0 .. 10.0
Ballast	1.0 .. 2.0	Ballast	0 .. 100%
Bug	0 .. 50%	Efficiency	50 .. 100%

One big advantage is, that the Auto McReady function of LK8000 can now adjust the MC value in the LX, so that the MC Value in the LX16xx is updated automatically.

To connect a LX16xx instrument with LK8000 you must select LX16xx as the device in setup (8 Devices) dialog.

In order to test the communication change the MC value on the LX16xx it should be updated in the LK8000 as well.

Now open the "Basic Settings" dialog (Menu Config / Setup Basic)

Here you can change the "Ballast" and "Efficiency" values which should be changes in the LX16xx as well. If you press Dump ballast, the values are changed in the LX16xx at the same time.

Please Note:

The update will take up to 2 seconds.

While using Auto MC it is still possible to change the MC values on the LX16xx for both devices. The value will be changed automatically as soon the Auto MC algorithm changes the current MC value, which may take a while depending on the history and Auto MC settings.

Barometric Altitudes:

The LX16xx instruments have a pressure sensor and deliver a barometric height. In the most likely case a FLARM (or other baro GPS device) is used as a GPS source for LX16xx, LK8000 has two different Barometric information. In this case LK8000 uses the barometric Information in the priority order (highest priority first). In this case the Barometric height of FLARM.

This order is only needed if more than 1 barometric pressure information is present.

FLARM
ROYALTEK 3200
TASMAN
HOLUX
ZANDER
COM760
WESTERBOER
VOLKSLOGGER
POSIGRAPH
LX_NANO
LX16xx
IMI
ILEC
GENERIC
FLYTEC
FLYMASTER F1

EW MICRO RECORDER

EW

DSX

DIGIFLY

CONDOR

COMPEO

CAI_GPS_NAV

CAI302

BORGELT500

Devices with *NMEA RMC sentences except FLARM*

Devices with *NMEA GPS_RMZ*