

INTERFACE

Lode Ergometer – SE-12 Express

V1.00

STEP I Setting up the hardware

1. You will need the RS-232 cable (part no. MS1R-111313, provided by EDAN) to establish communication between the Lode Corival Ergometer and the ECG.
2. Connect the RS232 cable to the ergometer (see picture 1)
3. Connect the RS232 cable to the SE-12 Express (see picture 2)

STEP II Setting up the ergometer

4. Switch on the ergometer

The Corival ergometer is default shipped with the LODE RS232 communication protocol. It should be set to the Ergoline P10 Protocol

You can change the RS232 by following the procedure below:

- Switch on the ergometer and press enter.
 - You will be in the "MAINMENU"
 - Select, by using the up/down keys, the menu "SYSTEM PARAMETER" and press enter
 - Select, by using the up/down keys, the menu "SETTINGS" and press enter
 - Select, by using the up/down keys, the menu "RS232 PROTOCOL" and press enter
 - Select, by using the up/down keys, the " Ergoline P10" and press enter.
 - Save the selected RS232 protocol.
 - Switch off the ergometer.
5. For controlling the ergometer by the SE-12 Express the ergometer should be set in "Terminal" mode. The "Terminal" should be selected as follows. After switching the ergometer on press enter, and select "Terminal" and press enter again

NOTE: You can also let the ergometer startup in "Terminal" mode every time you switch on the ergometer, by using the default start menu. To set up the ergometer for starting up in "Terminal" mode proceed as follows:

- Switch on the ergometer and press enter.
- You will be in the "MAINMENU"
- Select, by using the up/down keys, the menu "SYSTEM PARAMETER" and press enter
- Select, by using the up/down keys, the menu "SETTINGS" and press enter
- Press enter to confirm the menu "DEFAULTSTARTMENU" and press enter

If you switch off the ergometer it will start-up in the "Terminal" mode every time when the ergometer is switched on again.

6. The Lode ergometer is now ready for external control

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STEP III Setting up the SE-12 Express

7. Switch on the SE-12 Express and start program.
8. Click on the **General Info** key on the **System Setup** interface
9. Select **Bicycle** in the **Device Type** pull-down list.
10. Select **Ergoline** in the **Device Model** pull-down list.

Device Type	<input type="text" value="Bicycle"/>	▼
Device Model	<input type="text" value="Ergoline"/>	▼

11. Press the OK key.

Restart the ergometer and ECG device and then your system is ready to be used.



the standard in Ergometry

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Picture 1



Picture 2

Remarks:

- The installation procedures of the Lode ergometers Corival, Angio and Excalibur (Sport) are all the same. The connection of the cables may be on slightly different places.

For questions and comments, you can contact the Lode service department by e-mail at service@lode.nl or by telephone at +31 50 5712811.

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