

The LCA-2 facilitates the comfortable setting of numerous microsonic sensor series (nice to have).



Highlights

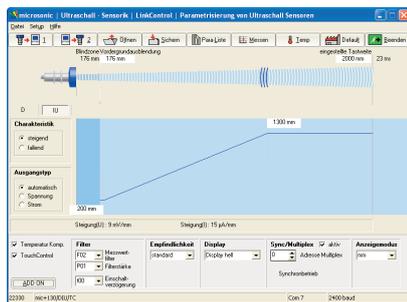
- › **USB interface** ::: *for connection to a PC*
- › **3-digit digital display** ::: *for displaying measured distance values in mm or cm*
- › **TeachBox with 4-button operation** ::: *for sensor programming without a PC*
- › **LinkCopy function** ::: *for copying sensor settings to other sensors*
- › **Downward compatibility** ::: *for also ensuring the programmability of long-term employed sensors*
- › **Future-safe** ::: *as the LinkControl adapter will also support future sensor generations*
- › **Standard teach-in procedure for all microsonic sensors** ::: *if it's simple, then it should stay that way*

The LinkControl adapter LCA-2

is equipped with a USB interface for connection to a PC or laptop.

With the LinkControl software,

the ultrasonic sensors of the mic+, mic-, vnp, lcs, ipc, ucs, sks and hps series can be parameterised under Windows®.



LinkControl software: input mask

The current measurement values

of the ultrasonic sensors can be graphically visualised in the LinkControl software in the form of three different output graphics.



LinkControl software: measurement plotter

The LinkCopy function

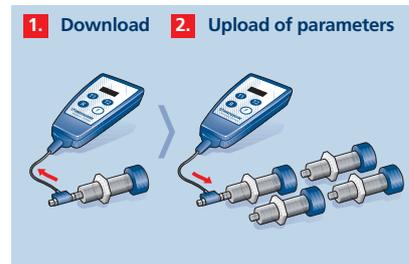
allows the download of parameters from the sensor to the LCA-2 and the subsequent upload of these parameters to a different sensor. This way, sensor settings can be conveniently copied from one sensor to the other.



USB interface for PC connection

Offline programming within LinkCopy

With some sensor series, the sensor settings copied to the LCA-2 can be directly indicated and edited via the digital display before being written back into a sensor.



LinkCopy: Copying of sensor settings

For the LinkCopy function, the LinkControl adapter need not be connected to a PC.

The LCA-2 reads the parameters out of the sensor and saves them internally to its EEPROM. The data are thus safely stored in the LinkControl adapter even after supply voltage disconnection and can consequently also be used as a sensor setting archive.

Via the integrated TeachBox,

all ultrasonic sensors which are taught via pin 5 at the sensor plug (mic, lcs and ipc series) can be comfortably set. The LinkControl adapter LCA-2 is looped in between the sensor connection line and the sensor; a PC or laptop is not required. During the teach-in process via buttons T1 and T2, the length of the button stroke is indicated in seconds on the display.

The TeachBox functions	
T1	Press T1 to teach switched output D1 or the analogue output
T2	Press T2 to teach switched output D2
F, T1	Press F+T1 to load sensor parameters from LCA-2 to the sensor (upload)
F, T2	Press F+T2 to load sensor parameters from the sensor to the LCA-2 (download)
F	Press F to show measured values indicated in mm/cm on the digital display
R	Press R (reset) to restart the sensor (for upload, download and measurement value output)

The TeachBox & LinkCopy

Order No.: LCA-2