



x-tronic carlink

The mobile ECU communication device

The carlink B is a mobile communication device in a compact and robust design. It can communicate simultaneously with several control units on the same and/or different bus systems. The test sequence is controlled by a host PC with x-line automation system.

The carlink D is a compact and robust mobile ECU communication device with display and 6 function keys as a worker interface. It can communicate simultaneously with several control units on the same and/or different bus systems. The test sequence is controlled by a host PC with x-line automation system.

BENEFITS



[Wireless ECU communication in test stands and process stations](#)

[Cabled version available for installation in the control cabinet](#)

[A hardware platform together with steering wheel balancer: circuit board, CPU board, communication boards](#)

[ECU communication lines](#)

[Inspection tasks with user interaction \(carlink D\), function of a remote control in the test stand](#)

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APPLICATION

The **carlink B** is specially designed for:

- ECU communication and diagnosis in test stands and process stations
- Electronic testing **without operator interaction** in transfer areas or parallel to assembly and testing processes.

The device is supplied with a robust OBD2 cable (approx. 1.5m) and a holding fixture.

The **carlink D** is specially designed for:

- ECU communication and diagnosis in test stands and process stations
- Electronic testing **with operator interaction** in transfer areas or parallel to assembly and testing processes.

The device is supplied with a robust OBD2 cable (approx. 1.5m) and a holding fixture.



x-tronic carlink B



x-tronic carlink D

TECHNICAL DATA

CPU	32bit μ C, 120 MHz
Sequence control	Remote controlled by host-PC with x-line
Start up time	Approx.1s
Host interface	Cable RS232: 2 (1 channel for firmware update) Radio link FHSS
Vehicle interface	2 x CAN, 2 x K-Line, switchable by multiplexer to 4 different channels
Diagnostics protocols	KWP2000 on K-Line KWP2000 on CAN with ISO TP UDS on CAN
Main power supply	12V DC supply by vehicle via OBD2 plug, power consumption: approx. 2,4 W
Operating temperature	0°C to 40°C
Operating humidity	10% - 98%, without condense
Dimensions	Version B: approx. 175 x 120 x 60 mm Version D: approx. 185 x 115 x 75 mm
Weight	Version B: approx. 0.9kg Version D: approx. 0.7kg - without diagnostic cable