

DMX-3-2 USB

Series 011

The DMX-3-2 USB is a USB interface for connecting 3 Digimatic output measurement devices and 2 devices with RS232C output (e.g. Mitutoyo QM-Data 200) to the USB interface of a computer. A selection of more than 70 measuring instruments with RS232C output (Mitutoyo as well as other brands) can be connected to this interface (list is available on request).

The Interface converts the different signals from the connected measuring instruments into the same format: keyboard signal (HID) or virtual COM-Port MUX-10 or MUX-50 (VCP).

Specifications

Delivered	USB cable (1,8 mm)
OS compatibility	Windows 2000 Windows XP Windows Vista Windows 7 (32, 64 bit)
Output decimal mark (HID)	point or comma
Max. no. of cascable interface	3 via optional link cable
Timer function	interval 0-99s or 0-99 min
Mitutoyo measuring instruments with RS232C output	KA-Counter Protractor Series 950 EH, EF, EV-Counter DP1-VR Linear Height LH-600 QM-Data 200 Litematic VL-50 Laser Scan Micrometer LSM QM-Height MF-Microscope Series PJ A3000 Projector PJ H30 Projector ID-H Indicator

Optional accessories

No.	Description
937179T	Footswitch
011538	Interface Link cable (300 mm)

Specifications

Mass	84 g
Timer interval	1s./±99h 59 min 59s (100h)
Timer tolerance	±8s./24h
Power supply	AC-Adaptor 10 V, 120mA or USB bus power
Delivered	With : - USB connection cable (0.8 m) - AC adaptor - Footswitch cable TTB1 (0.52 m)



Sample application with DMX Box



Sample application with USB Input Tool Direct



011552



Rear panel

No.	Data input	Data Output	Interface cable connection	Foot switch connector	Data bits	Bau-rate	Stop bits	Parity
011552	3 x Digimatic 2 x RS232C	USB virtual COM-Port (VCP) USB keyboard signal (HID)	USB		8	9600	1	none

Timerbox

Series 011

Time controlled data transfer of measuring results

- Timerbox to connect to the footswitch connector of a Mitutoyo interface to trigger data transfer based on a time interval.
- Software neutral for all applications.
- For all Mitutoyo Interfaces featuring 3.5 mm TRS Foot switch connector (Mono) like USB Input Tool Direct
- This Timerbox is working as a time-controlled Footswitch



011540

No.	Dimensions (W x D x H) mm
011540	55 x 58 x 31