# **INSTALLATION GUIDE USER MANUAL**

## **MP-800 TRANSFER**

For MP-800 with firmware version 8.1 and up

Version 2.4 dated 2018-10



LIST-MAGNETIK Dipl.-Ing. Heinrich List GmbH D-70771 Leinfelden-Echterdingen Max-Lang-Str. 56/2 Fon: + 49 (711) 903631-0 Fax: + 49 (711) 903631-10 Internet: http://www.list-magnetik.de E-mail: info@list-magnetik.de



## CONTENTS

## MP-800 TRANSFER (2018-10)

MP-800 TRANSFER Application	2
Preparing Bluetooth Connection	
• •	
•	
tecting the COM-Port	6
Installing the Application	7
Functions	
p 1: Connect	
asuring Online	9
-	
tput: File, Printer, Applications	11
	MP-800 TRANSFER Application Preparing Bluetooth Connection Installation of the Bluetooth USB Dongle Pairing MP-800 tecting the COM-Port Installing the Application Functions ep 1: Connect asuring Online ad data from device tput: File, Printer, Applications

## 1. MP-800 TRANSFER APPLICATION

At <u>www.list-magnetik.com</u> in the "Download" area you can obtain the free of charge application **MP-800 TRANSFER** to transfer data from you MP-800 device to a Windows PC or laptop.

With MP-800 TRANSFER you can measure online, or read the device's memory, you can print the results or transfer them to various applications like Microsoft Word or Microsoft Excel.

Com-Port	List-Magnetik GmbH
COM38 Connect	
Gerätesneicher	
Gerätespeicher	
Messwerte	
Online Speicher (0)	
	Befehle
10.08.2018 Nr. Messwert Messeinheit	Datei öffnen
	In Datei speichern
	Burning
	Programmende
	- Daten kopieren nach



The stability of the Bluetooth connection is the better, the closer you hold the meter to the PC or the Bluetooth dongle.

If you face connection problems, please shorten the distance to 30 cm.

## 2. PREPARING BLUETOOTH CONNECTION

Does your PC / laptop have a built-in Bluetooth interface? If yes, skip point 2a and continue at 2b.





For MP-800 a Bluetooth dongle is included as shown.

The additional installation of a driver software can be used for communication setup between MP-800 and a Windows PC. Please check first, if the connection between MP-800 and your PC via Bluetooth works without software installation, only by inserting the Bluetooth dongle.

If you can't connect, perform the installation of the driver that can be obtained at **http://www.list-magnetik.com/en/download-en** 

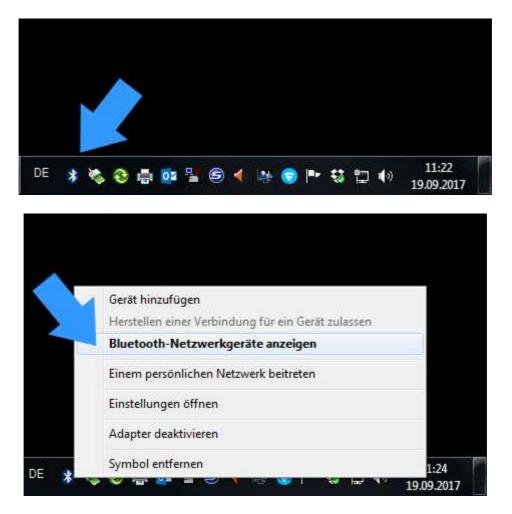
The file is named BCM20702 \_..., depending on the version of your Windows operating system. It is available for Windows XP, Win 7, Win 8 or Win 10.

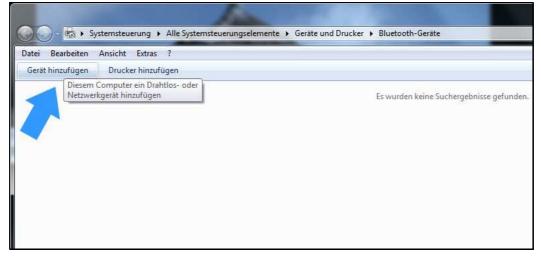
## B) PAIRING MP-800

Your MP-800 device must be paired with the PC.

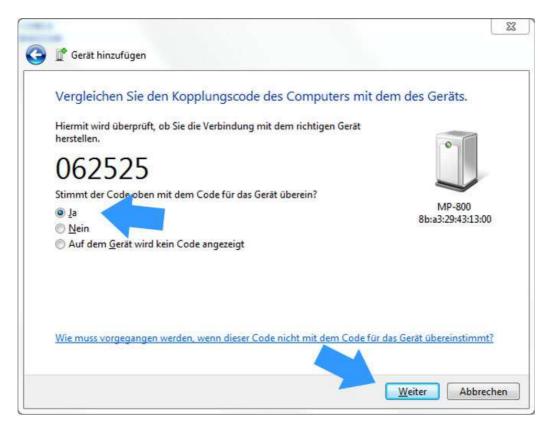
For this purpose, the coupling must be executed on both devices.

The function **SETUP / BLUETOOTH / ON** must be executed at the MP-800 device, and afterwards a device search in the Bluetooth menu on the PC.





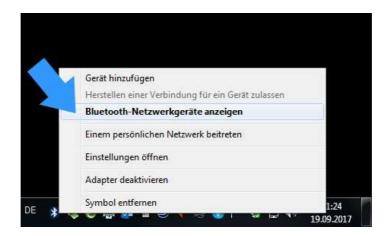
Sie ein Gerät aus, das dies ite werden weiterhin gesucht und a	em Computer hinzugefügt werden so n dieser Stelle angezeigt.	11.
Canon LBP251 Webdienste Andere Canon LBP251 Webdienste Andere	Canon LBP251 Webdienste Andere Canon LBP251 Webdienste Andere	
MP-800 8b:a3:29:43:13:00 Bluetooth Andere	Andre	



On the PC, the identified MP-800 device must be selected, and the coupling request must be confirmed. An identification number is shown, which you can confirm but ignore.

#### **DETECTING THE COM-PORT**

After successful coupling, the MP-800 is assigned to a so-called COM Port. This assignment remains permanent. Before starting the application MP-800 TRANSFER, you must know the number of this port.



To do this, please determine the assigned COM port number in the Bluetooth device menu. You need to know this at the start of the application MP-800 TRANSFER.

For Windows 10, 2 COM ports are displayed, take the "outbound" number.

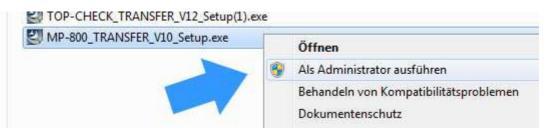
Windows 7	Windows 10	
Date Bearbeiten Ansicht Extras ? Gerät hinzufügen Drucker hinzufügen Gerät entfernen • Geräte (2) MP-800 TOP-CHECK Bbas20345 Steuerung Verknüpfung erstellen Problembehandlung Gerät entfernen	Einstellungen     GERÄTE  Drucker & Scanner  Angeschlossene Geräte  Bluetooth  Maus und Touchpad  Eingabe	Einstellung suchen Bluetooth-Geräte verwalten Bluetooth Ein Ihr PC sucht nach Bluetooth-Geräten und ist für sie sichtbar.
Eigenschaften	Automatische Wiedergabe	Gekoppelt Gekoppelt Gooshimeter V.1 Koppelungsbereit
		MP-800 Bba3294313:00 Koppelungsbereit Verwandte Einstellungen Weitere Bluetooth-Optionen
Datei         Bearbeiten         Anie Systemsteuerungselemente         Geräte und Drucker         Bluetooth-Gerät           Datei         Bearbeiten         Ansicht         Extras         ?	Bluetooth-Geräte verwalten Bluetooth	Optionen COM-Anschlüsse Hardware Dieser PC verwendet die unten aufgelisteten COM-Anschlüsse (seriell). Lesen Sie im Bluetooth-Gerätehandbuch, ob ein COM-Anschlüss erforderlich ist.
Gerät hinzufügen Drucker hinzufügen Gerät entfernen Gerät e(2)  Geräte (2)  MP-800 Bbus32943:13:00 Bbus3294 Bbu	Ein Ihr PC sucht nach Bluetooth-Geraten und ist für sie TOP-CHECK bd:9f:29:43:13:00 Gekoppelt APL7654 Koppelungsbereit Koppelungsbereit Koppelungsbereit	e sichtbar. COMIO Ausebend TOP-CHECK 2079 Seialnort
	Verwandte Einstellungen Weitere Bluetooth-Optionen	HinzufügenEntfernen G OK Abbreden Übernehmen M

## 3. **INSTALLING THE APPLICATION**

The installation package is called "MP-800\_TRANSFER\_Vxx\_Setup.exe" (xx = version number) and available for download at

http://www.list-magnetik.com/de/download

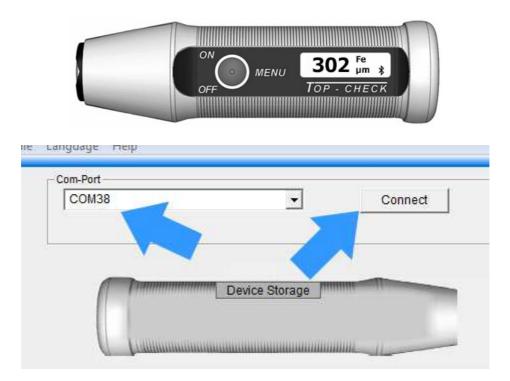
This package must be installed as administrator.



#### 4. FUNCTIONS

#### **STEP 1: CONNECT**

To connect, you need the number of the COM port that you detected in chapter 2. Your MP-800 must be switched on, and Bluetooth must be active in the MP-800. You can see it: the Bluetooth indicator at the bottom right.



After successful connection, the name changes to "Connected" and the selection box for the COM port becomes invisible. The selected and connected COM port is now shown in the headline.

The left of the 2 buttons above the table is displayed with "Online", and the upper is now called "Read device storage".

Com-Port(COM38)		List-Magnetik GmbH-
	Connected	
Paraman	Device Storage	
	Read device storage	
Data		
Online (0)	Memory (0)	- Commands

#### **MEASURING ONLINE**

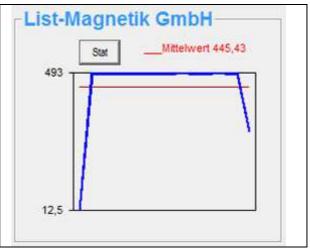
Now you can start your work.

For example, you can directly perform online measurements.

			List-Magnetik GmbH
	C	Charl	
Franking	Device Sto Read devi	ce storage	Statistics: Number 16 Maximum 497,00 A/cm Minimum 1,30 A/cm Average 439,41 A/cm
Data Online (16)		nory (0)	Average 439,41 A/cm Std.Deviation 153,64 A/cm
			Commanda
10.08.2018	NO.	Value Unit 1,30 A/cm	Open Data File
10:54:03	2	95,30 A/cm	
10:54:04	3	497,00 A/cm	Save to File
10:54:04	4	497,00 A/cm	
10:54:05	5	497,00 A/cm	
10:54:05	6	497,00 A/cm	Print
10:54:06	7	497,00 A/cm	
10:54:06	8	496,00 A/cm	Exit program
10:54:06	9	495,00 A/cm	
10:54:07	10	494,00 A/cm	
10:54:07	11	494,00 A/cm	- Copy data to
	12	494,00 A/cm	
10:54:08	13	494,00 A/cm	Clipboard
10:54:08 10:54:08	14	494,00 A/cm	
10:54:08 10:54:08 10:54:09		494,00 A/cm	MS Word
10:54:08 10:54:08 10:54:09 10:54:09	15		M 3 WOIU
10:54:08 10:54:08 10:54:09		494,00 A/cm	in S Word

Statistical values are automatically generated from the second measurement: Minimum, Maximum, Average (Mean) and Standard Deviation (Std.Dev).

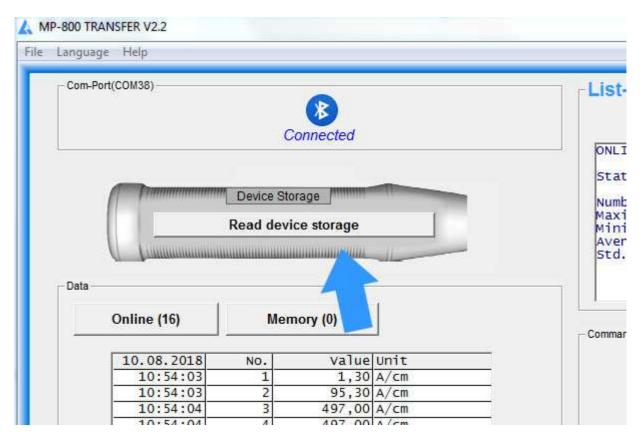
To toggle between the numeric statistic and a line diagram, please use the button "Chart" and "Stat".



For further processing of the data, see the following sections.

#### **READ DATA FROM DEVICE**

If you already have measured values in the device memory, these can be read from the device by the application.



As long as the transfer is running (display: "please wait ...") all activities are blocked. The counter behind the title of the measurement series, "Device Storage", counts the transferred measurements.

	Read devi	ice storage	
( Communication			1
	0		2
	1.		-
Online (16)	Device	Storage (4)	
Online (16)	Device	Storage (4)	
Online (16)	No.	Storage (4) Value	Unit
	1		
10.08.2018	1	value	
10.08.2018 10:55:58	NO.	Value -29,90	A/cm A/cm

Once the measurement series has been read, the buttons are active again and the statistical data is filled.

If the device memory stack is empty, no title is displayed in the second button, and the button remains inactive.

List-Magnetik GmbH

#### **OUTPUT: FILE, PRINTER, APPLICATIONS**

The measurement series can be stored in a file. Files of type ".mes" are readable with a text editor.

MP-800 TRANSFER V2.2		
e Language Help		
Com-Port(COM38)	Connected	List-Magnetik GmbH Charl Memory
Device S Read de	vice storage	Statistics: Number 4 Maximum 116,00 A/cm Minimum 0,20 A/cm Average 36,60 A/cm Std.Deviation 54,75 A/cm
	א Storage (4) ב	Open Data File
MP-800 TRANSFER > mes		Save to File
A Name	Änderungsdatum Typ	Pr
i test-mp800.mes	10.08.2018 10:12 MES-I	Date Exit prog
cht		Copy data to
		Clipboard
		MS Word
		MS Excel
+ <m< td=""><td></td><td>MS Excel</td></m<>		MS Excel

With the button "Open Data File" such a series of measurements can be read again from file, for example to print it or to transfer to Excel.

Speicher		
Statistik:		
Anzahl Maximum Minimum Mittelwert Std.Abweichung		4 116,00 A/cm 0,20 A/cm 36,60 A/cm 54,75 A/cm
10.08.2018	Nr.	Messwert
10:12:17 10:12:17 10:12:17 10:12:17 10:12:17	4 5 6 7	

Example of a print output via button "Print"

The Buttons "MS Word" and "MS Excel" only will work if the named Microsoft Office components are installed, but not with Open Office.

D	atei Start	Einfügen	Seitenlayou	ıt Formeln D	ungen Überprüfen Ansicht PDF Architect 4 Creator PDF Architect 5 Creator 🛛 Was möchten Sie tun?
	<b>*</b>	Calibri	* 11 ·	A* A* = =	Image: Second secon
Eir	nfügen	<i>FK</i> <u>U</u> →	- 🖾	• <u>A</u> • = = =	S         Absistz         Formativariage           1         2         1         2         1         2         1         2         1         2         1         2         1         2         1         2         1         2         1         2         1         3         1         4         1         5         1         6         1         7         1         8         1         9         1         10         1         13         1         14         1         15         1
Zwi	schenablage 🗔	S	chriftart	r <sub>a</sub>	
A	1 *	11 ×	✓ f <sub>×</sub>	23.11.2017	
4	A	В	с	D	
1	23.11.2017	Nr.:	Messwert:	Messeinheit:	¶ 23.11.2017 Messwert: Messwer
2	10:41:38	1	3,1	A/cm	1
з	10:41:38	2	8,9	A/cm	¶ 10:41:38·······1·····3.1······A/cm¶
4	10:41:38	3	10,6	A/cm	10:41:38····································
5					1041.38 3 10.0 Ayding
6					¶ Statistik:¶
7					No:3¶
8					Min:*****3,10*A/cm¶ Max:****10.60*A/cm¶
9					Mean:····7,53'A/cm¶
10					Std.Dev:3,93'A/cm¶ ¶
11					

Via Clipboard you can hand over the measuring series to subsequent applications.