DINI ARGEO
Scales - Weighing systems

USBC

Operation Manual **ENGLISH**

Index

Introduction 4

Installation and Configuration 5

USBC Connection 5

Insallation and Configuration 6

DIP-SWITCH Functioning 6

Insallation and Configuration 7

Secondary Printer Connection 7

Insallation and Configuration 8

Print Programming 8

Insallation and Configuration 9

Connection to USBDIN 9

Use of the USB pen drive 10

Reading stored data 10

Diagnostic 10

Introduction

Dear Customer,
Thank you for purchasing a DINI ARGEO product.

We thank you for purchasing this and we kindly ask you to take note of certain aspects of this manual:

This booklet provides useful information for proper operation of the product referred to herein. It is important to pay the utmost attention to all the sections that illustrate the simplest and safest way to operate the device.

This publication, or portions thereof, may not be duplicated without written permission from the Manufacturer.

All information herein is based on the data available at the time of publication. The Manufacturer reserves the right to make changes to its products at any time without notice and without incurring any penalty. We therefore recommend that you always check for any updates.

N.B.: The individual in charge of operation must ensure that all safety regulations in force in the country of use are applied, ensuring that the appliance is used in accordance with the purpose it is intended for and to avoid any danger for the user.

We recommend carefully following the instructions as to do otherwise could jeopardize proper operation.

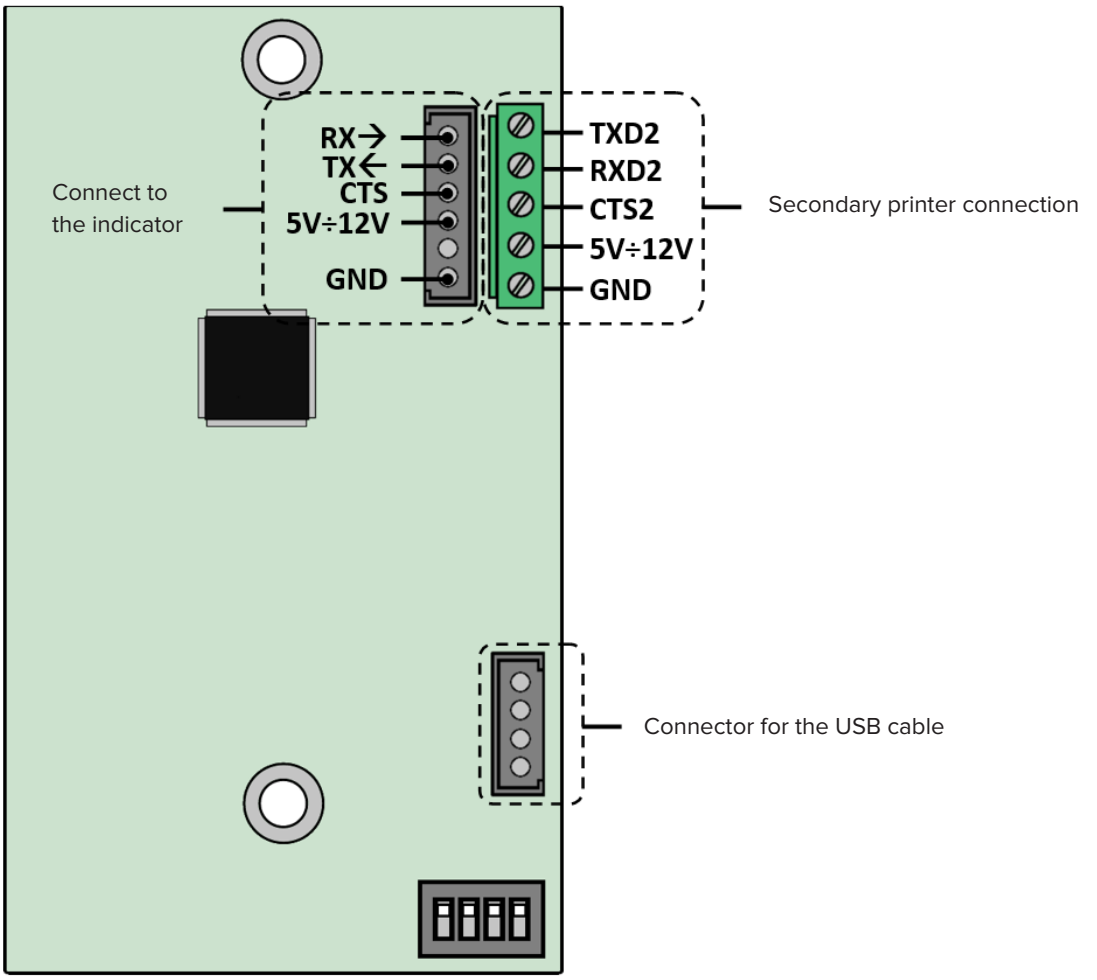
This manual was written with the utmost care but we always welcome feedback on any inaccuracies you may find.

The product is covered by warranty and MUST NOT BE TAMPERED WITH BY THE USER for any reason.
Any attempt to repair or modify the device could expose the user to the risk of electrical shock and will render all warranty conditions null, thus releasing the Manufacturer from all liability.

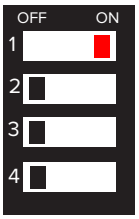
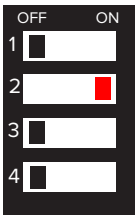
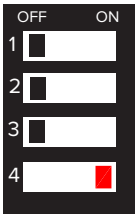
All problems with the unit or system must be communicated to the manufacturer or the dealer from which it was purchased. In any case, DISCONNECT POWER before any operations.

USBC Connection

The USBC module must be connected exclusively to the physical COM2 (3590/DFW) port of the indicator through AMP connector. The CTS of the AMP connector is not managed, if the connection of the module is carried out on a port different from the COM2.

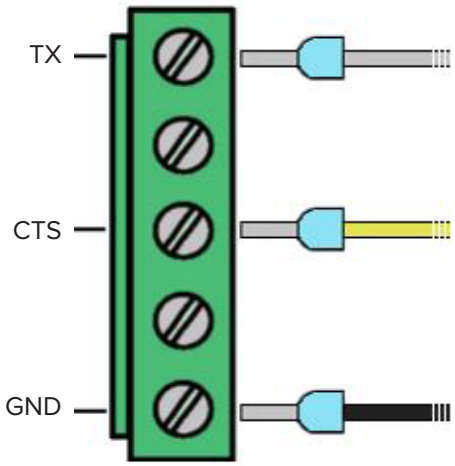


DIP-SWITCH Functioning

<table>
<tr><td rowspan="4"> 
</td><td colspan="2">Serial port configuraton: configures baud rate, parity, number of bits and stop bits</td></tr>
<tr><td>ON</td><td>38400-E-8-1</td></tr>
<tr><td>OFF</td><td>9600-N-8-1</td></tr>
<tr><td></td></tr>
<tr><td rowspan="4"> 
</td><td colspan="2">Enable secondary printer: enables the management of CTS on terminal for an external printer</td></tr>
<tr><td>ON</td><td>Managed CTS</td></tr>
<tr><td>OFF</td><td>Unmanaged CTS</td></tr>
<tr><td></td><td>Serial ports set to 9600-N-8-2</td></tr>
<tr><td rowspan="4"> 
</td><td colspan="2">Reserved: enables debug functions (Reserved); must be set to OFF</td></tr>
<tr><td>ON</td><td>Reserved</td></tr>
<tr><td>OFF</td><td>Normal functioning</td></tr>
<tr><td></td></tr>
</table>

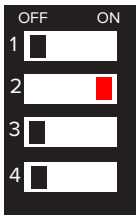
Secondary Printer Connection

USBC module has a secondary output to connect a printer through the integrated terminal.



Example of connection to a TPR printer

Then, turn switch 2 to ON to manage the CTS of the second printer.



Print Programming

All data sent to the USBC interface through serial connection will be written inside the file “PRINTER.TXT” of the USB reader.

In case of more than one connected printer, it is possible to choose, through printout formats, to store data on the USB or print data on the second printer.

Commands are:

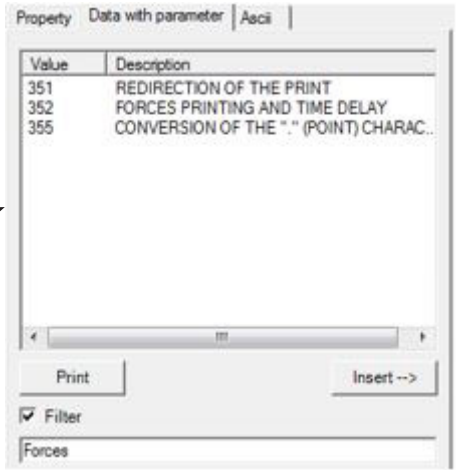
@[27]=1 Prints on a secondary printer (TPR/Labeler ecc...)
@[27]=2 Stores data on the USB
@[27]=3 Stores temporary on the USB and secondary printer
Print examples on USB and secondary printer with EGT-AF01

@[27]=2	Stores data on USB	@[352;1]@[27]=2@[352;1]@[321;0];@[421;1]; @[301;0]; @[301;1];
@[13]@[10] @[27]=1	Prints a new line on USB Prints on secondary printer	@[13]@[10]@[352;1]@[27]=1@[352;1] @[334;0] @[334;1] @[334;2] @[421;1] GROSS @[401;1]kg TARE @[401;2]kg NET @[401;0]kg @[321;0] @[300]

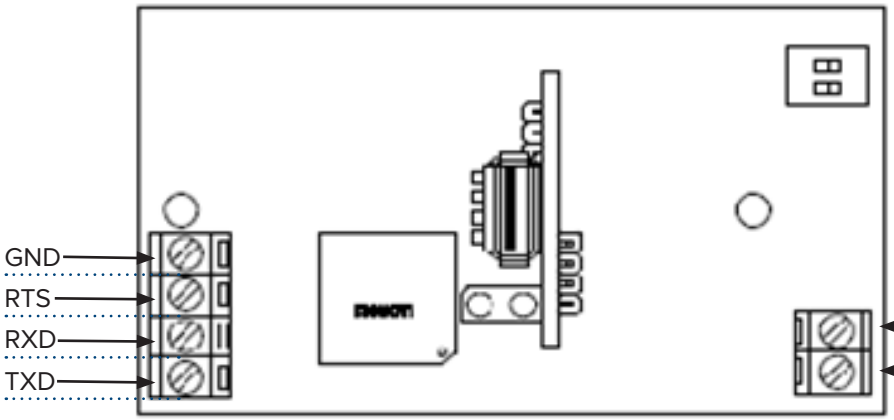
Before and after the printout redirection command (@[27]=2, @[27]=1 and @[27]=3) it is necessary to proceed and execute those commands with a “FORCES PRINTING AND TIME DELAY.”

EX. @[352;1]@[27]=1@[352;1] for 3590EGT.

These commands are available on Dinitools through the research function.



Connection to USBDIN



Max. absorbtion with 12Vdc: 75mA

USBDIN module must be commected to the COM2 port of DFW and 3590 indicators and on COMPRN in 232 of DGT indicators.

USBDIN	**3590E**
RXD →	TX2 (18)
RTS →	CTS (17)
GND →	GND (16)
USBDIN	**DFW**
RXD →	TXPR
RTS →	CTS
GND →	GND
USBDIN	**DGT**
RXD →	TX
RTS →	RX
GND →	GND

Reading stored data

Text files on USB will be saved as “PRINTER.TXT”

It is possible to rename this file (ex. PRINTER.CSV) to open it with different programs like EXCEL, only if the printout configuration is prepared for the correct visualization on this type of programs.

Generally it’s necessary to split each single data with a semicolon “;” or a comma “,” into the printout formats depending to the regional settings of the PC.

Ex. @[321;0];@[421;1];@[301;0];@[301;1];

If using a DFW, it’s possible to reset those data using the PrintExport.exe provided file.

The USB pen drive must be provided by Dini Argeo and formatted to FAT or FAT32.

Diagnostic

GREEN LED	
Flashing every 4 seconds	Status OK, ready to print
Fast flashing	USB not iserted or detected, inset the pen drive by the correct side Secondary printer not available, check that the door or availability of paper inside the printer
RED LED	
On	Print in progress
Fast flashing	USB not inserted or detected, insert the pen drive on the correct side

Notes

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The individual in charge of the scale operation must make sure that all safety regulations in force in the country of use are applied, ensure that the appliances is used in accordance with the purpose for which it was intended to be used and to avoid any danger for the user.
The Manufacturer declines any liability arising from any weighing errors.

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Scales - Weighing systems

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Authorized service centre stamp

The information in this document is approximate and can be subject to variations without prior notice by Dini Argeo, with respect of the norms in force. The official technical data is available in the updated version on the **www.diniargeo.com** website or by contacting the Dini Argeo Customer Service.

USER_MAN_ENG_USBC
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