

# BENZING Express G2 DOC

## Quick start Guide

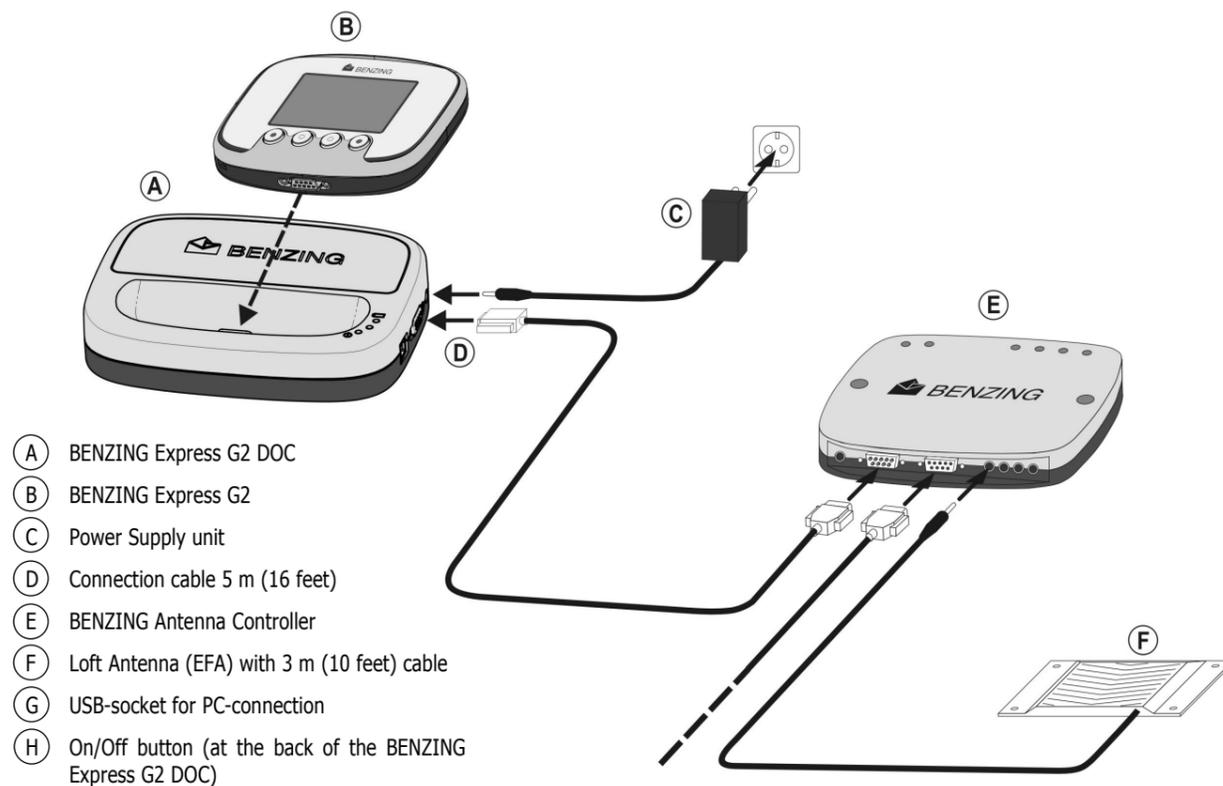
### General

Clacking of pigeons with the BENZING Express G2 without any gaps, even in the event of a power surge or outage is guaranteed by the BENZING Express G2 DOC. The BENZING Express G2 DOC is equipped with an internal battery and additionally with a USB interface for convenient transfer of statistical data to the PC at home and for device updates.

### Set-up of the BENZING Express G2 DOC

1. Connect the BENZING Express G2 DOC (A) to the BENZING Antenna Controller (E) with the connection cable (D).
2. Connect the Loft Antenna EFA (F) to the BENZING Antenna Controller (E). Any of the four plugs can be used.
3. a) If there is mains power available, plug-in the power supply unit (C) to the BENZING Express G2 DOC (A) and connect the power supply unit to mains. The system will be supplied by mains power and only in case of a power surge or outage the BENZING Express G2 DOC (A) will take-over the supply of the system.  
b) If there is no mains power available, the BENZING Express G2 DOC (A) will supply the system.
4. Plug-in the BENZING Express G2 (B) into the BENZING Express G2 DOC. The DB-9 plug must sit firmly.
5. Switch-on the BENZING Express G2 DOC (A) with the On/Off button (H) (The button remains in ON-Position).

The BENZING Express G2 starts up and the lights on the front of the docking station are switched on and they show the system status (see "Status information").



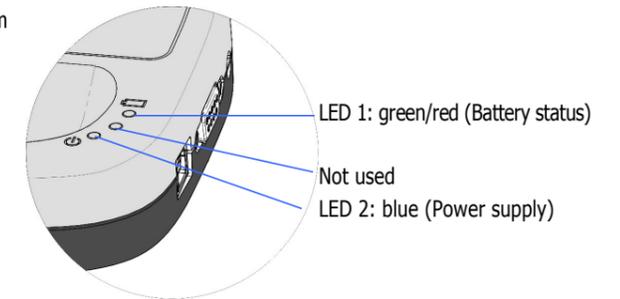
- (A) BENZING Express G2 DOC
- (B) BENZING Express G2
- (C) Power Supply unit
- (D) Connection cable 5 m (16 feet)
- (E) BENZING Antenna Controller
- (F) Loft Antenna (EFA) with 3 m (10 feet) cable
- (G) USB-socket for PC-connection
- (H) On/Off button (at the back of the BENZING Express G2 DOC)

**Note:** The BENZING Antenna Controller does not have to be additionally connected with a power supply, if the Controller is connected with the BENZING Express G2 DOC.

### Status information

The lights on the top of the BENZING Express G2 DOC indicate the current system status.

LED 1:	red	permanent	Description
	green <td>permanent <td>Charging of internal battery in progress</td> </td>	permanent <td>Charging of internal battery in progress</td>	Charging of internal battery in progress
		permanent <td>Charging of internal battery is complete</td>	Charging of internal battery is complete
LED 2:	blue <td>permanent <td>The external power supply is active</td> </td>	permanent <td>The external power supply is active</td>	The external power supply is active
	blue <td>flashing <td>Supply by the internal battery</td> </td>	flashing <td>Supply by the internal battery</td>	Supply by the internal battery
	blue <td>fast flashing <td>The battery is nearly empty</td> </td>	fast flashing <td>The battery is nearly empty</td>	The battery is nearly empty



### Battery

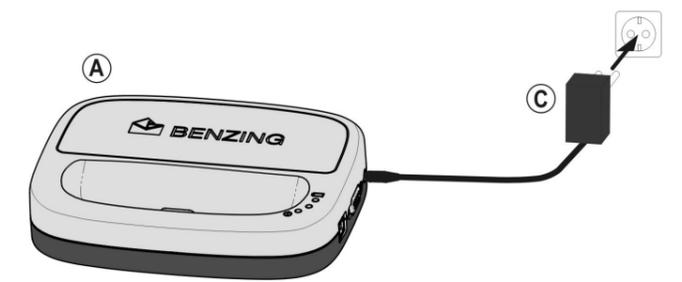
The battery is designed to supply the fanciers system for approx. 5 hours (if one Antenna Controller and as many Antennas as desired are connected) resp. 3 hours (if two Antenna Controllers and as many Antennas as desired are connected).

To charge the battery, perform the following steps:

1. Plug-in the power supply unit (C) to the BENZING Express G2 DOC (A) and connect the power supply unit to mains.
2. Switch-on the BENZING Express G2 DOC with the On/Off button (The button remains in On-position).

The light LED 1 on the top of the docking station will light red while the battery is being charged. The completely loading time of the battery will take approx. 12 hours. When the battery is fully loaded the light LED1 colour will turn to green.

**Note:** The battery is also loaded in normal operation.



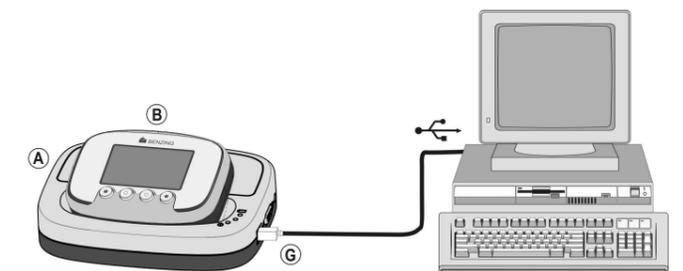
Before the BENZING Express G2 DOC is used the first time the internal battery has to be completely charged once. This takes about 15 hours. Do not interrupt the power supply (the charging) during this time!

### PC Communication

For transmission of flight data from the BENZING Express G2 to a PC and for loading data or new software from the PC to the BENZING Express G2 and for printing with the BENZING Printer Manager (see backside) perform the following steps:

1. Switch-on the BENZING Express G2 DOC.
2. Plug-in the USB-Connection cable (G) into the USB-Connection of the BENZING Express G2 DOC (A).
3. Plug-in the USB-Connection cable into a free PC USB port.
4. Plug-in the BENZING Express G2 (B) into the docking station. The DB-9 plug must sit firmly.

**Note:** If the BENZING Express G2 DOC is connected the first time to the PC, the USB-driver must be installed. (See Software description on backside).



# BENZING Express G2 DOC

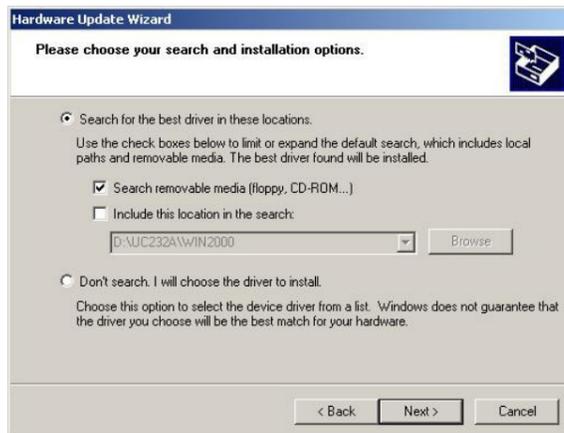
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### Installation of the USB-driver

1. If the BENZING Express G2 DOC is connected the first time to the PC, at window appears automatically in order to install the USB-driver.



2. Mark the first option "Install the software automatically (Recommended)" and click on "Next >"



3. First of all insert the driver CD into the CD-drive. Continue the installation by clicking on "Next >" and the computer is searching the USB-driver on the CD and installs it.

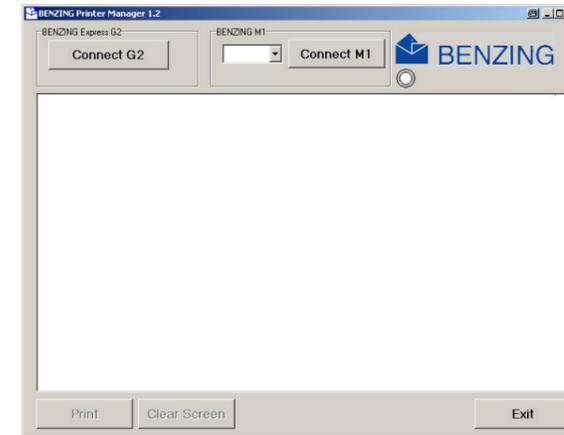


4. In order to complete the installation, click on "Finish". Therefore the USB-driver is now installed on the PC.

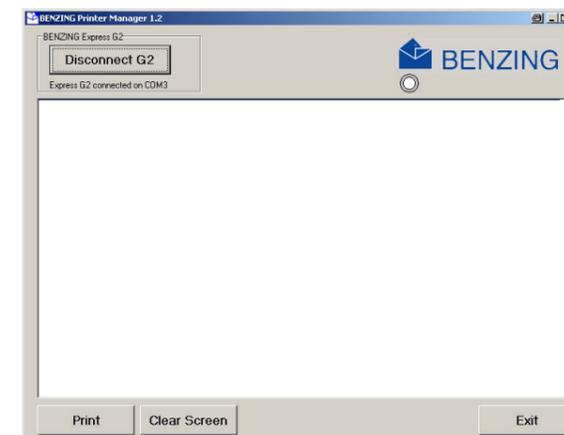
5. After the installation of the USB-driver, a window appears again in order to install the "USB Serial Port". This installation must be also accomplished. After the installation of the drivers, the Software "BENZING Printer Manager" can register/identify the BENZING Express G2 automatically. The installation is done by the same procedure as for the USB-driver

### Operation of the Software "BENZING Printer Manager"

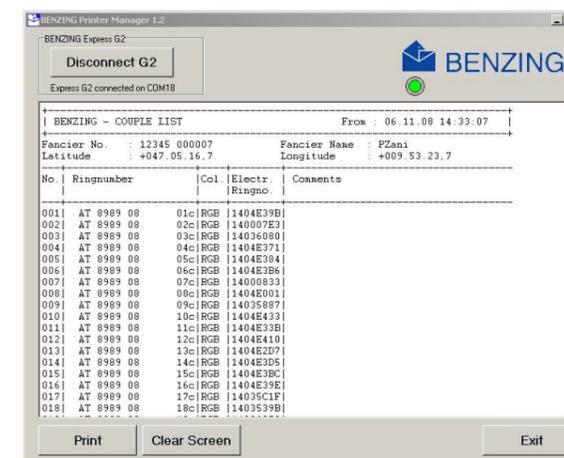
The installation window is started automatically by inserting the CD. Choose the installation for the Software "BENZING Printer Manager". The program can be started through a double-click on the program symbol  after the installation of the program. The main window of the Software appears on the monitor.



1. First of all connect the BENZING Express G2 via the USB-Connection cable to the PC (see PC communication on the front of the document). In order to make a connection to the BENZING Express G2, click on "Connect G2".



2. Go into the fancier menu of the BENZING Express G2 by pressing the left and right button together for 3 seconds. Choose the menu 5 "Print" and the respective list ("Couple list" or "Arrival list") which you want to print. Thus the selected list is transported/transmitted to the PC and displayed in the window of the BENZING Printer Manager.



3. By the use of the button "Print" the list is printed resp. deleted by the use of the button "Clear Screen"
4. Use the button "Exit" for quitting the program.