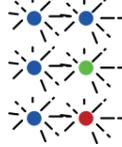


## Continuous Clocking

The BENZING Live Smart Hub is a network node that is also equipped with its own internal memory. If the BENZING clock is separated from the BENZING Live Smart Hub, the BENZING Live Smart Hub will switch to the continuous clocking function and begin to register the arrival of pigeons. This takes about 15 seconds to activate and will store the arrivals up to 6 hours from when the BENZING Clock was disconnected.

There are different LED status to show the state of the BENZING Live Smart Hub.

### LED lights status



Continuous clocking is active

System is ok

System is not ok

If a pigeon arrives, an acoustic signal sounds.

## Continuous Clocking with BENZING M3

System				
System Info	Settings	Antenna Test	11:31:32 05 May 2021	
✓ BENZING M3	Sw 1.6 Hw 2.1 DE 15	15.3V	S/N 400029	
✓ Live Smart Hub 5	Sw 4.2 Hw 2.1 81%	15.2V	S/N 850002 0/88	
✓ BENZING INN	Sw 4.2 Hw 2.1	15.2V	S/N 850002	
✓ 1 Field G2 Antenna	Sw 1.5 Hw 3.0	14.4V	S/N 38802300 0/575	

In the System Info screen you can see if the continuous clocking function (BENZING INN) is available on your device. The continuous clocking function requires that the latest firmware version of the BENZING Live Smart Hub as well as the BENZING M3.

## Continuous Clocking with BENZING M1

Max	15:10:45
01. Race	
 0	   0

Please check the main screen if the continuous clocking function (BENZING INN) is available on your device. The continuous clocking function requires that the latest firmware version of the BENZING Live Smart Hub as well as the BENZING M1 is installed.

BENZING Inn	18:11:15
Type:	HUB-INN
Serialnb.:	802636
Software:	4.2
Hardware:	4.0

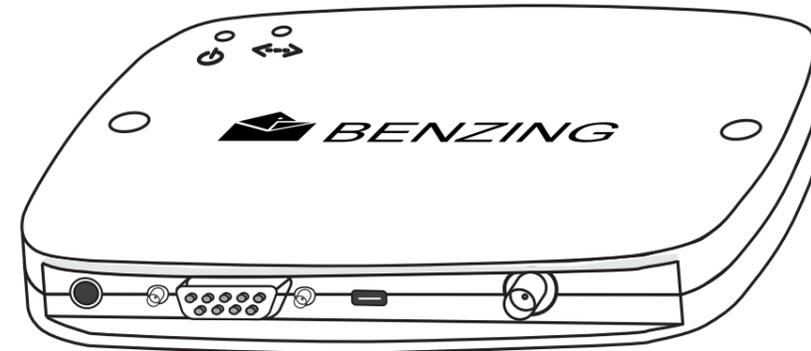
### BENZING M1 INN Info Menu

In the BENZING INN info menu you can also check if the continuous clocking function (BENZING INN) is available on your device.

## Continuous Clocking with BENZING Express G2

John F.	15:28:12
003 19.08 12:30:05 1	
DE 5512 18 1420 F	
002 935142 12:30:04	
001 52143 12:30:03	
 00   003	

Please check on the main screen if the continuous clocking function (BENZING INN) is available on your device. The continuous clocking function requires the latest firmware version of the BENZING Live Smart Hub and the BENZING Express G2 is installed.



**BENZING Live!**  
**SMART HUB 5**



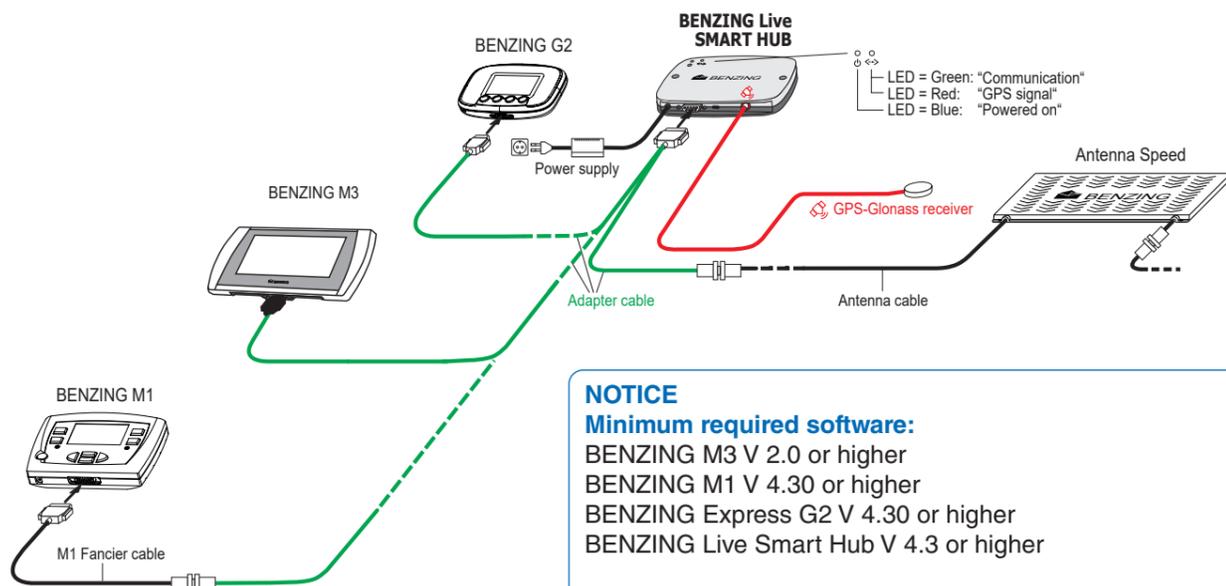
## BENZING Live Smart Hub

Version 2.0 – 05/2021  
English



www.benzing.cc

## How to connect BENZING Live Smart Hub



### NOTICE

#### Minimum required software:

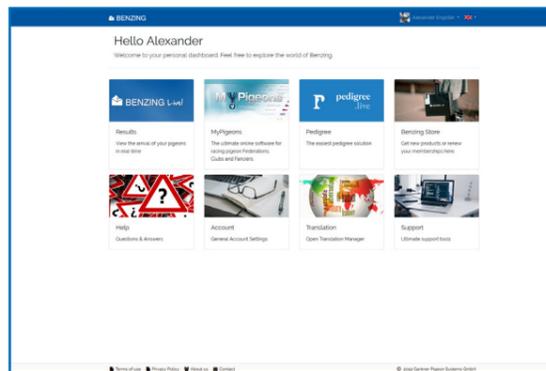
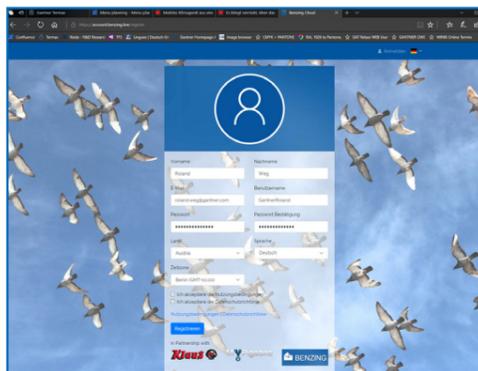
- BENZING M3 V 2.0 or higher
- BENZING M1 V 4.30 or higher
- BENZING Express G2 V 4.30 or higher
- BENZING Live Smart Hub V 4.3 or higher

We recommend to use always the latest available version.

### How to install

- 1 Update your devices to the minimum required software versions mentioned above.
- 2 Plug in the 9-pin connector of the adapter cable into the BENZING Live Smart Hub (highlighted green in drawing).
- 3 **BENZING M3:** Plug in the matching 9-pin plug of the adapter cable into the BENZING M3 fancier cable.  
**BENZING M1:** Plug in the matching 9-pin plug of the adapter cable into the BENZING M1 fancier cable.  
**Express G2:** Plug in the matching 9-pin plug of the adapter cable into the BENZING Express G2 fancier cable.
- 4 Connect the other 9-pin plug of the adapter cable into the antenna cable.
- 5 Connect the cable with the „GPS“ to the SMA jack on the BENZING Live Smart Hub device.
- 6 Make sure that the GPS receiver is placed outside the loft. This will ensure correct functionality.
- 7 Connect the round plug of the power supply into the round power jack with the mark „DC 12V“ of the BENZING Live Smart Hub device.
- 8 Plug in the power supply to your power socket.

## BENZING Live Website Online

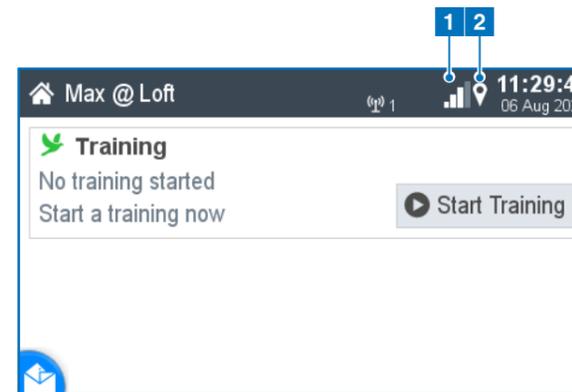


### Register and login on the website [www.benzing.live](http://www.benzing.live)

You can log in to the website using your Live ID and password (see the BENZING Live ID card supplied with BENZING Live ). Click on "Login" and enter the live ID and password.

- 1 If you have not registered yet, click on "Register".
- 2 Enter your data in the window below and click on „Register“. You will receive an e-mail with the confirmation. In this email, click the "Verify Email" button to confirm the registration. After logging in, you will be taken to your personal dashboard.

## BENZING M3 with BENZING Live Smart Hub



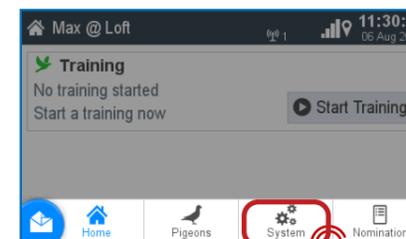
### Status BENZING Live Explanation

- 1 GSM Status: Good connectivity  
GSM Status: No connectivity
- 2 GPS Signal

### Start BENZING Live:

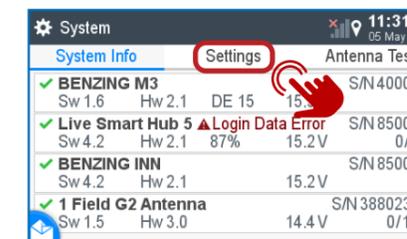
After all devices are connected to each other and the power is connected, the BENZING Live Smart Hub and the BENZING M3 will start. See here the most important information about the connections:

## How to enter the LIVE ID with BENZING M3



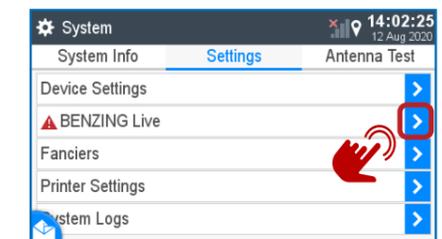
### Home Screen:

Open the main menu and click on System.



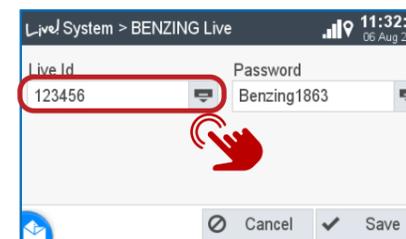
### System:

Choose the system info tab. You will notice that the BENZING Live is not activated yet. ⚠️



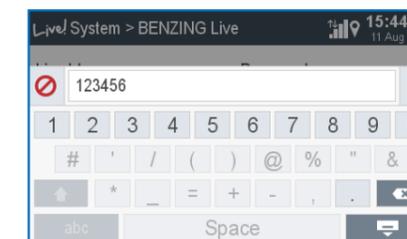
### System:

Choose the settings tab and select the BENZING Live ▶ option. **Note:** If there is no Live ID or Password entered, it will show a Login Data Error.



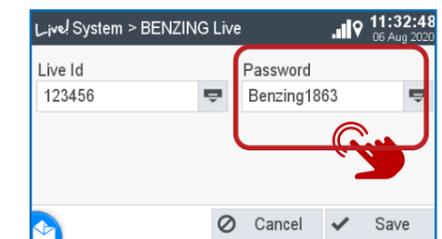
### Open keyboard:

Please press on the button  to open your keyboard.



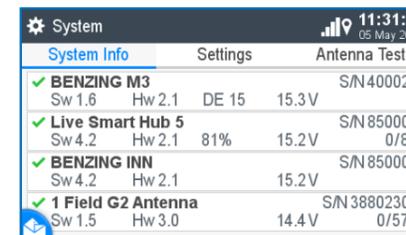
### Enter LIVE ID:

Please enter your LIVE ID which was delivered with the BENZING Live Smart Hub and confirm with the green button. ✓



### Check LIVE ID:

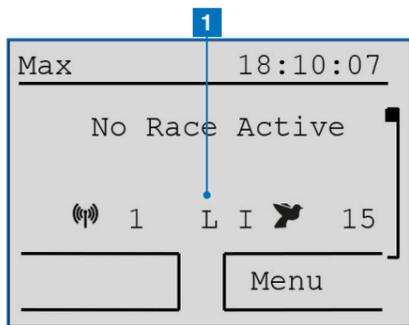
Enter your password and confirm. Your LIVE ID and password is displayed. Please press the save button to store your details.



### BENZING Live connected:

Once your LIVE ID and Password is stored correctly, the BENZING Live will be displayed without any notification.

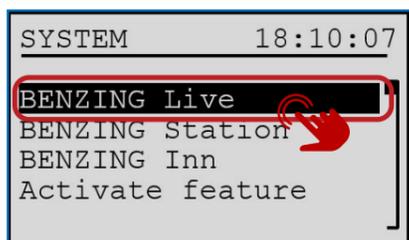
## BENZING M1 with BENZING Live Smart Hub



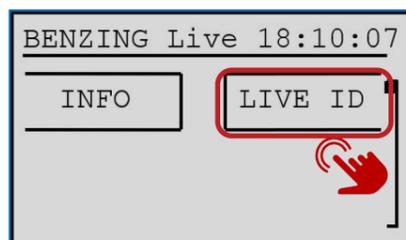
**1 Status BENZING Live Explanation**  
 L Connected with BENZING Live Smart Hub  
 L! BENZING Live server is transmitting data  
 !L: (flashing L) GPS or GSM connection is lost

**Start BENZING Live:**  
 Once all devices are connected to each other, connect the power to the system. The BENZING Live and the BENZING M1 will start up.

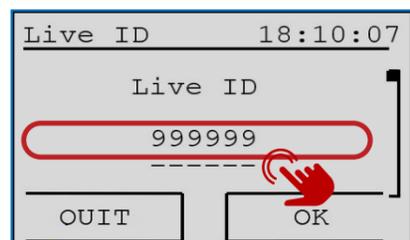
## Settings



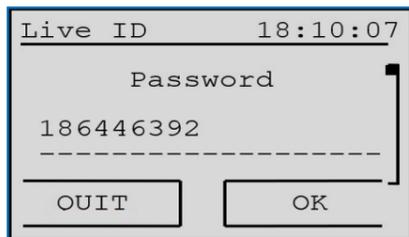
**General:**  
 Please choose the MENU button settings and then select BENZING Live to be able to enter the LIVE ID.



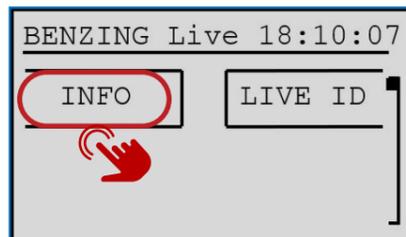
**LIVE ID:**  
 In order to have the GSM network and transfer the arrival data, you need to enter a user ID and password. To enter the login data, select the "LIVE ID" button.



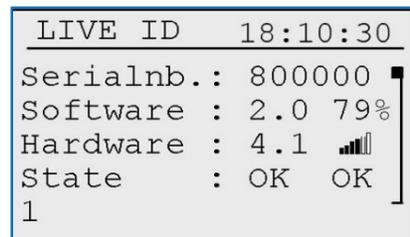
**Enter LIVE ID:**  
 Please enter the Live ID and the password which was included on the Live ID card.



**Connecting with LIVE ID:**  
 After you entered your LIVE ID and password press the "OK" button to store your login data. The BENZING Live Smart Hub and the BENZING M1 will now be ready for transmitting data over the GSM network.



**Check Settings:**  
 When you press the "INFO" button in the BENZING Live menu you will see all the system information from the BENZING Live Smart Hub.



**LIVE ID Overview:**  
 This screen shows the overview about the software version and LIVE status. This can be used to troubleshoot any connection issues if needed. See the various „States“ below.

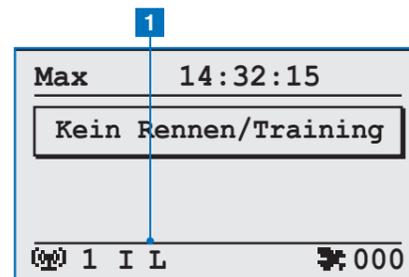
**Notice:**  
 With [▲] or [▼] you can select the desired characters and numbers.  
 With [◀] or [▶] you can move the cursor to the left and to the right.  
 [OK] (green button) saves the entered data.

If there is no cellular connection or a connection is interrupted, all data will be sent as soon as the connection is reestablished.

**Explanation Settings:**  
 There are several different „States“ that can occur:  
**SIM:** SIM card not inserted or defective  
**INIT:** The BENZING Live Smart Hub is in Initial/Startup state  
**OK:** Everything is OK  
**COM ERR:** Communication problem  
**1 or X:** 1 = user details correct  
           x = user details not correct  
**NOK:** No GPS signal / GPS receiver not connected

The symbol and the percentage shows you the quality of the signal.

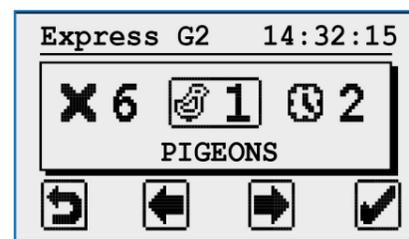
## BENZING G2 with BENZING Live Smart Hub



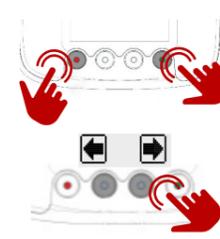
**1 Status BENZING Live Explanation**  
 L: Connection to the BENZING Live server is OK  
 L-! : Login error. BENZING Live Smart Hub could not login at the server  
 L-G: GPS not OK, GPS not recognized  
 L-M: Modem error. Mobile network not detected  
 L-C: Communication error

**Start BENZING Live Smart Hub:**  
 Once all the devices are connected to each other, connect the power to the system. The BENZING Live and the BENZING Express G2 start up.

## Settings



**Main Menu:**  
 The Main Menu of the BENZING Express G2.

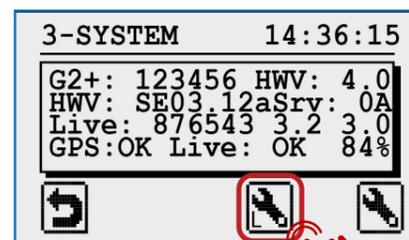


**Activate the Main Menu:**  
 Push and hold the red and green buttons of the BENZING Express G2 for appropriately 3 seconds.

**Connecting with LIVE ID:**  
 To transmit data via the GSM network, you will need to enter a User ID and Password. To enter the login data, use the two middle buttons to scroll to System menu option - System Icon [3]

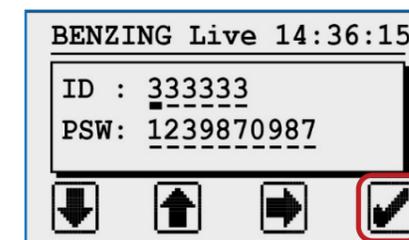


**Enter the settings menu:**  
 Select the green button to enter the settings menu. The system settings will be displayed.



**System:**  
 You will need to enter the LIVE ID and the password which was included on the LIVE ID card. You will find this card in the BENZING Live packaging.

Once the LIVE ID and Password have been stored in the BENZING Express G2, the BENZING Live and the BENZING Express G2 are ready for use.



**Explanation Settings:**  
 The system screen displays various information about the system, including the status of the BENZING Live Smart Hub. The last line of the status screen shows the the GPS and GSM connection status.

**GPS: OK** GPS is OK, position could be determined  
**GPS: --** GPS not OK, GPS not recognized  
**Live: OK** Everything is ok  
**Live: ID** Problem with LIVE ID or password  
**Live: COM** Communication error with BENZING Live  
**Live: BUSY** BENZING Live is transmitting data  
**Live: NOK** General error  
**Live: SIM** Problem with the SIM Card  
**Live: PIN** Problem with the PIN Code  
**Live: GSM** Problem with the GSM network  
**Live: DATA** Problem with the data network  
**Live: INIT** BENZING Live is in Initial/Start up state