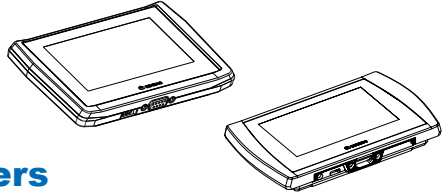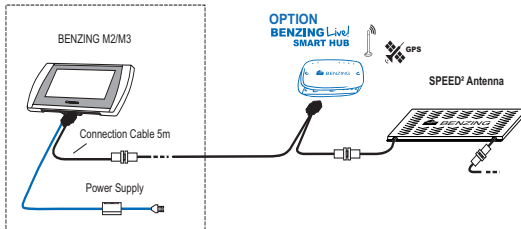# BENZING

BENZING M2/M3

Quick Start Guide for Fanciers
Gebruikers handleiding
Guía de inicio rápido
Manual resumido

Download the www.benzing.cc/manuals

Operation l Bediening l Operación l Funcionamento

BENZING M2/M3
OPTION BENZING Live SMART HUB
GPS
SPEED² Antenna
Connection Cable 5m
Power Supply
Included in the scope of delivery of the BENZING M3

EN

Loft Installation:
Connect the BENZING M2/M3 using the fancier cable with the first antenna. Then connect the supplied power supply on the fancier cable with the BENZING M2/M3.

Optionally BENZING Live Smart Hub can be connected. After all devices are connected to each other and the power is connected, the BENZING Live Smart Hub and the BENZING M2/M3 will start. See here the most important information about the connections:

NL

Hokinstallatie:
Verbind de BENZING M2/M3 en de ANTENNE met de verbindingskabel. Vervolgens kunt u de voeding aansluiten op de BENZING M2/M3.

Aansluiten van de BENZING Live Smart Hub. Na-dat alle apparaten met elkaar zijn verbonden en de stroom is aangesloten, starten de BENZING Live Smart Hub en de BENZING M2/M3 op.

ES

Instalación de loft:
Conecte el BENZING M2/M3 usando el cable colombófilo con la primera antena. Luego, conecte la fuente de alimentación suministrada en el cable colombófilo con el BENZING M2/M3.

Opcionalmente BENZING Live Smart Hub puede ser conectado. Después de que todos los dispositivos estén conectados entre sí y la alimentación esté conectada, se iniciarán el BENZING Live Smart Hub y el BENZING M2/M3

PT

Instalação no pombal:
Ligue o BENZING M2/M3 com o cabo fornecido à primeira antena. Depois de conectar o cabo pode ligar a fonte de alimentação ao BENZING M2/M3.

Também poderá ligar o BENZING Live Smart Hub. Depois que todos os dispositivos estiverem conecta-dos entre si e a energia estiver conectada, o BEN-ZING Live Smart Hub e o BENZING M2/M3 serão iniciados.

✉ Home Screen I Startscherm I Pantalla de inicio I Ecrã Inicial
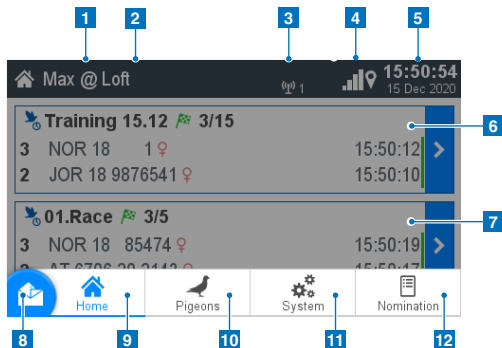
EN

As soon as the system is supplied with power, the BENZING M2/M3 is starting and displays the home screen.

NL

Zodra het systeem van stroom wordt voorzien, start de BENZING M2/M3 op naar het startscherm.

ES

Tan pronto como el sistema recibe alimentación, el BENZING M2/M3 se inicia y muestra la pantalla de inicio.

PT

Assim que o sistema é alimentado à corrente, vai inicializar e de seguida será exibido o ecrã principal.

EN

1 Fancier name.
2 Indication of whether it was started in the loft/club.
3 Number of connected antennas.
4 Symbol for the BENZING Live Smart Hub.
5 Current time and date.
6 Overview training.
7 Overview races.
8 Main menu button show/hide.
9 **Home:** Display of races and trainings.
10 **Pigeon:** Display and management of pigeons.
11 **System:** System-Info, settings and antenna test
12 **Nomination:** Pigeon nomination (optional function)

NL

1 Naam liefhebber.
2 Indicatie opstart modus in het duivenhok of op de club.
3 Aantal aangesloten antenne's.
4 Symbool voor de BENZING Live Smart Hub.
5 Huidige tijd en datum.
6 Overzicht trainingen.
7 Overzicht wedvluchten.
8 Hoofdmenuknop weergeven/verbergen.
9 **Home:** Vluchtoverzicht - Weergave van wedstrijden en trainingen
10 **Duif:** Weergave en beheer van duiven
11 **Systeem:** Systeem-info, Instellingen en antenne test
12 **Nominatie:** nominatie voor duiven

ES

1 Nombre del colombófilo.
2 Status Palomar/Club.
3 Número de antenas conectadas.
4 Símbolo para el BENZING Live Smart Hub.
5 Hora y fecha actual.
6 Información general de entrenamiento.
7 Información general de Carreras.
8 Botón de inicio Mostrar/Ocultar.
9 **Inicio:** Muestra carreras y entrenamientos.
10 **Paloma:** Muestra y manejo de palomas.
11 **Sistema:** Información del sistema, configuración y prueba de antena.
12 **Nominación:** Muestra el nombre de las palomas nominadas (función opcional).

PT

1 Nome do Columbófilo.
2 Exibe se o dispositivo está ligado no pombal ou na colectividade.
3 Número de antenas conectadas.
4 Símbolo do BENZING Live Smart Hub.
5 Data e Hora actuais.
6 Visão Global sobre os Treinos.
7 Visão Global sobre os Concursos.
8 Botão Home Mostrar / Ocultar
9 **Home:** Exibição de Concursos e Treinos.
10 **Pombo:** Exibição e gestão dos pombos.
11 **Sistema:** Detalhes do sistema, configurações e teste de antena.
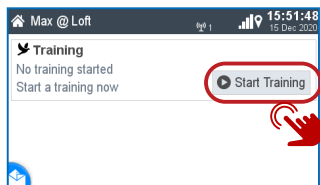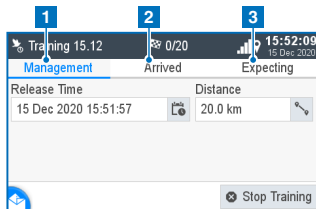12 **Designados:** Pombos designados (opcional).

✈ Training

Max @ Loft   15:51:48 15 Dec 2020
✈ Training
No training started
Start a training now   ▶ Start Training

1 Training 15.12   0/20   15:52:09 15 Dec 2020
2 Arrived   **3** Expecting
Management
Release Time   Distance
15 Dec 2020 15:51:57   20.0 km
⊗ Stop Training

Start Training:
The training is started with the button ▶ Start Training.

Enter release time and distance:
Open training management page.
Select date and time.
Enter distance in km or miles.

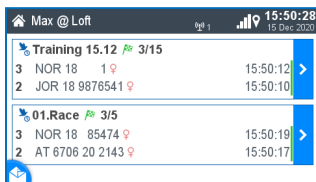**1** **Management:**
Enter release time and distance.
2 **Arrived:**
Displays arrived pigeons.
Expected:
3 Displays expected pigeons.

The home button takes you back to the home screen.

🏆 Races

Max @ Loft   15:50:28 15 Dec 2020
✈ Training 15.12   3/15
3 NOR 18   1 ♀   15:50:12 ›
2 JOR 18 9876541 ♀   15:50:10
✈ 01.Race   3/5
3 NOR 18   85474 ♀   15:50:19 ›
2 AT 6706 20 2143 ♀   15:50:17

1 01.Race   /5   15:51:16 Dec 2020
Management   **2** Arrived   **3** Expecting
Release Time   Distance
15 Dec 2020 15:51:07   100.0 km
Releasepoint   abc
⊙ Temp. Evaluate   Evaluate

Start races:
If you tap the button › you can open the race page.
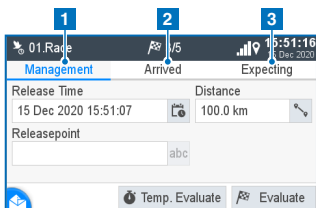
Note:
After the registration in the club the active races are displayed on the home screen.

4 01.Race   5/7   12:59:58 16 Dec 2020
Management   **5** Arrived   **6** Expecting **7**
1 ZA WHK 18   201 ♀   843.1 min   12:57:54
2 NOR 18 85474 ♀   842.8 min   12:57:58
3 PS 2018 0302010 ♀   842.4 min   12:58:03
4 ZA WHK 18   632 CC 839.9 min   12:58:35
5 DE 5512 18 1420 ♀ CC 839.7 min   12:58:37

8 01.Race   5/7   13:00:14 16 Dec 2020
Management   Arrived   Expecting
   9 10   **11**
1 ZA WHK 18   201 ♀   ›2   12:57:54
2 NOR 18 85474 ♀   ›1   12:57:58
3 PS 2018 0302010 ♀   ›5   12:58:03
4 ZA WHK 18   632 CC›3   12:58:35
5 DE 5512 18 1420 ♀ CC›6   12:58:37

1 **Management:**
Enter release time and distance.
2 **Arrived:**
Displays arrived pigeons.
3 **Expected:**
Displays expected pigeons.
4 **Rank**
5 **Pigeon Number**
6 **Speed**
7 **Arrival Time**
8 **Nominated:**
Visible when this pigeon was nominated.
9 **Continuous Clocking:**
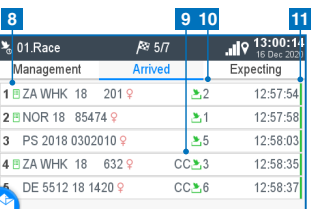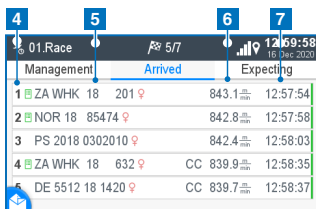Shows when the pigeon arrives on the BENZING Live Smart Hub.
10 **Basketing Order:**
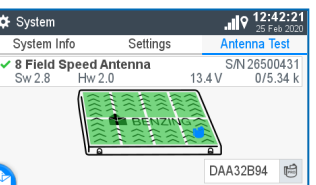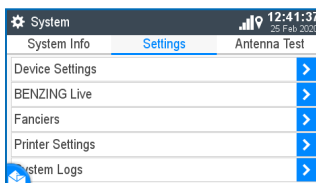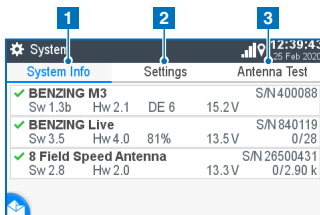Shows the basket number of the pigeon.
11 **Online State (green bar):**
Shows up when this bird was sent to the server.

Speed and basketing number will switch with touching on the arrival list.

⚙ System

1 System   12:39:43 25 Feb 2020
System Info   **2** Settings   **3** Antenna Test
✓ **BENZING M3**   S/N 400088
Sw 1.3b   Hw 2.1   DE 6   15.2 V
✓ **BENZING Live**   S/N 840119
Sw 3.5   Hw 4.0   81%   13.5 V   0/28
✓ **8 Field Speed Antenna**   S/N 26500431
Sw 2.8   Hw 2.0   13.3 V   0/2.90 k

System   12:41:37 25 Feb 2020
System Info   Settings   Antenna Test
Device Settings ›
BENZING Live ›
Fanciers ›
Printer Settings ›
System Logs ›

System   12:42:21 25 Feb 2020
System Info   Settings   Antenna Test
✓ **8 Field Speed Antenna**   S/N 26500431
Sw 2.8   Hw 2.0   13.4 V   0/5.34 k
🛈 BENZING
DAA32B94

Antenna Test:
Hold rings over antenna and check on the display.

1 **System Info:**
Display all on the BENZING M2/M3 connected devices.
2 **Settings:**
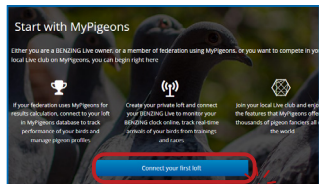Device settings, BENZING Live, Printer settings, multifancier
3 **Antenna Test:**
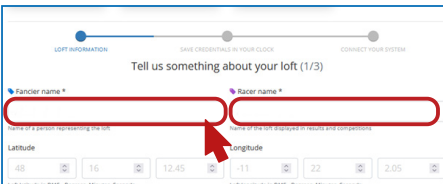Function test of all connected antennas.

The home button takes you back to the home screen.
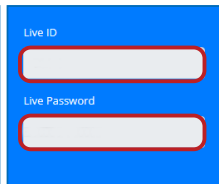
Get Your BENZING Live ID

After you created your BENZING account on www.mypigeons.live. Login and enter the MyPigeons Live Results.

Connect new loft:
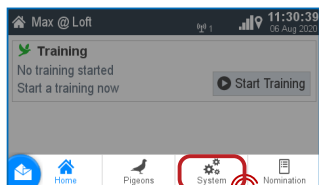Click on the Blue button and follow the next steps.

Create private fancier:
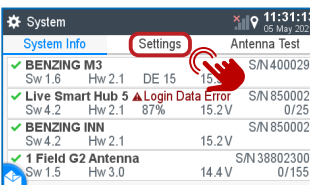Create your private fancier with enter your name information and click next.

Enter Live ID in clock:
Now you need to enter the Live ID and password you see here into your clock.
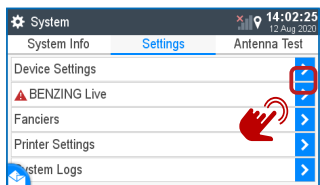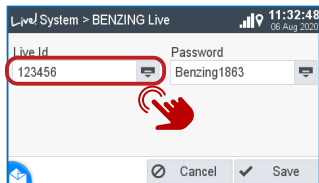
How to enter the LIVE ID with BENZING M2/M3

Home Screen:
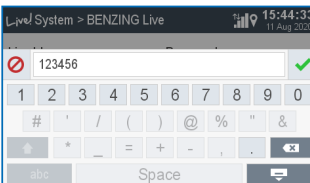Open the main menu and click on System.

System:
Choose the system info tab. You will notice that the BENZING Live is not activated yet. ⚠
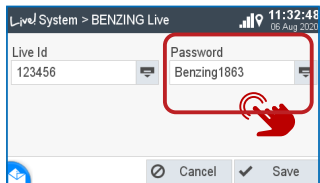
System:
Choose the settings tab and select the BENZING Live ❯ option. **Note**: If there is no Live ID or Password entered, it will show a Login Data Error.

Open keyboard:
Please press on the button to open your keyboard.

Enter LIVE ID:
Please enter the Live ID you created on www.mypigeons.live and confirm with the green button ✓. Please find more information above.

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

Continuous Clocking with BENZING Live Smart Hub

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.

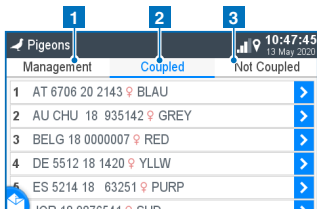**LED lights status**

Continous clocking is active

System is ok

System is not ok

If a pigeon arrives, an acoustic signal sounds.
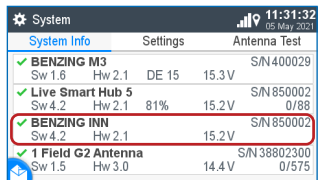
In the System Info screen you can see if the continuous clocking function (BENZING INN) is available on your device. The continuous clocking function requires that the latest firmware version of the BENZING Live Smart Hub as well as the BENZING M2/M3.
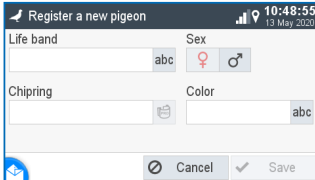
🐦 Pigeon Management

		Pigeons		📶 📍 **10:47:45** 13 May 2020
	Management	Coupled	Not Coupled	
1	AT 6706 20 2143 ♀ BLAU			❯
2	AU CHU 18 935142 ♀ GREY			❯
3	BELG 18 0000007 ♀ RED			❯
4	DE 5512 18 1420 ♀ YLLW			❯
5	ES 5214 18 63251 ♀ PURP			❯

1 **2** **3**

Register pigeon:
Ring number: The life ring number is entered here.
Sex: Gender selection.

Register a new pigeon — 📶 📍 **10:48:55** 13 May 2020

Life band [_____ abc]   Sex [♀ ♂]

Chipring [_____ 🗒]   Color [_____ abc]

⊘ Cancel   ✓ Save

Chip ring: The assigned chip ring is displayed here.
Colour: Enter the color of the pigeon here.

---

1 **Management:**
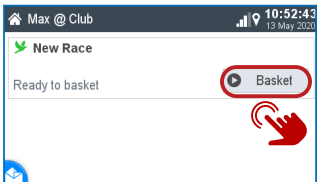Register new pigeons
2 **Coupled:**
Display of registered pigeons assigned to a chip ring.
3 **Not coupled:**
Display registered pigeons that are not assigned to a chip ring.

The home button takes you back to the home start screen.
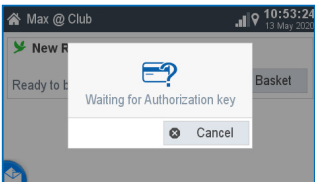

🏆 Basketing without a season map

🏠 Max @ Club — 📶 📍 **10:52:43** 13 May 2020

🌱 **New Race**

Ready to basket   ▶ Basket

Start basketing:
With the button ▶ Basketing you can start the basketing.

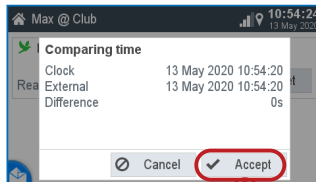🏠 Max @ Club — 📶 📍 **10:53:24** 13 May 2020

🌱 **New R...**

📧 Waiting for Authorization key

❌ Cancel

Wait for authorization:
Please hold the authorization card supplied with the BENZING ClubSystem antenna.

🏠 Max @ Club — 📶 📍 **10:54:24** 13 May 2020

Comparing time

Clock   13 May 2020 10:54:20
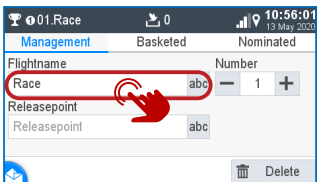External   13 May 2020 10:54:20
Difference   0s

⊘ Cancel   ✓ Accept

Time comparison:
1. Check the time for plausibility.
2. The time comparison must be confirmed with the „Accept" button.

🏆 ℹ 01.Race   ⬇ 0   📶 📍 **10:56:01** 13 May 2020

Management	Basketed	Nominated

Flightname   Number
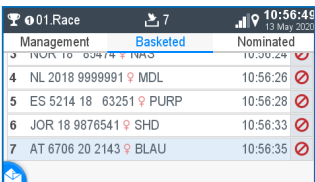[Race   abc]   ➖ 1 ➕
Releasepoint
[Releasepoint   abc]

🗑 Delete

Management:
1. Enter your flight name
2. Consecutive race number
3. Optionally, you can use one release location

🏆 ℹ 01.Race   ⬇ 7   📶 📍 **10:56:49** 13 May 2020

Management	Basketed	Nominated
3	NOR 18 83474 ♀ NAS	10:56:24 ⊘
4	NL 2018 9999991 ♀ MDL	10:56:26 ⊘
5	ES 5214 18 63251 ♀ PURP	10:56:28 ⊘
6	JOR 18 9876541 ♀ SHD	10:56:33 ⊘
7	AT 6706 20 2143 ♀ BLAU	10:56:35 ⊘
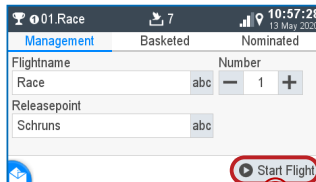
Basketed:
Now pigeons can be held over the BENZING ClubSystem antenna. These are shown here. With ⊘ pigeons can be basketed out.

🏆 ℹ 01.Race   ⬇ 7   📶 📍 **10:57:28** 13 May 2020

Management	Basketed	Nominated

Flightname   Number
[Race   abc]   ➖ 1 ➕
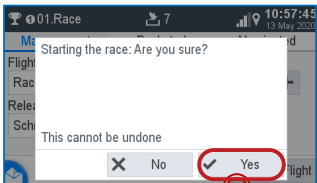Releasepoint
[Schruns   abc]

▶ Start Flight

Start the race:
With the button ▶ you can start the race and and at the same time the basketing ends.

🏆 ℹ 01.Race   ⬇ 7   📶 📍 **10:57:45** 13 May 2020
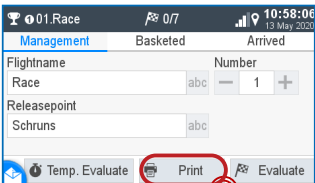
Starting the race: Are you sure?

This cannot be undone

❌ No   ✓ Yes

Start the race:
Confirm with ✓ Yes to start the race.

🏆 ℹ 01.Race   ⏩ 0/7   📶 📍 **10:58:06** 13 May 2020

Management	Basketed	Arrived

Flightname   Number
[Race   abc]   ➖ 1 ➕
Releasepoint
[Schruns   abc]

⏱ Temp. Evaluate   🖶 Print   ⏩ Evaluate

Evaluation/Printing:
1. Temporary evaluation: See the next chapter
2. Printing: Press the button 🖶 Print to print the basketing list.
3. Evaluate: see next chapter

🏆 ℹ 01.Race   ⏩ 0/7   📶 📍 **10:58:19** 13 May 2020

Print Basketing List

➖ 1 ➕ Copies

⊘ Cancel   🖶 Print

Print basketing list:
1. Determine the number of prints
2. Start printing

🏆 Evaluation of Races

Max @ Club	11:17:31 13 May 2020
🏆 Hotspot 2 🏁 4/6	
Race is running	
🐝 New Race	
Ready to basket	Basket

Management:
Please select the race ❯,
which shall be evaluated.

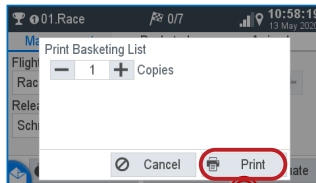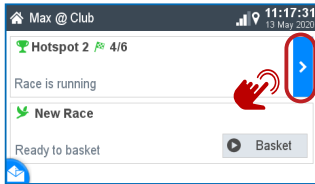| Hotspot 2	🏁 4/6	11:17:55 13 May 2020
Management	Basketed	Arrived
Flightname		
Hotspot 2		
Releasepoint		
Bludenz		abc
Temp. Evaluate	Print	Evaluate
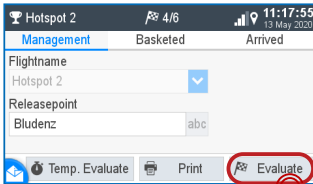
Management:
1. Temporary evaluation.
2. Printing.
3. Evaluation: Press the
🏁 Evaluate button.

Hotspot 2	🏁 4/6	11:18:35 13 May 2020
Management	Basketed	Arrived
1	AU CHU 18 935142 ♀ GREY	11:08:54
2	ES 5214 18 63251 ♀ PURP	11:08:56
3	BELG 18 0000007 ♀ RED	11:08:58
4	JOR 18 9876541 ♀ SHD	11:08:59
5	NL 2018 9999991 ♀ MDL	11:09:01
	ZA WHK 18 632 ♀ ORD	11:09:04
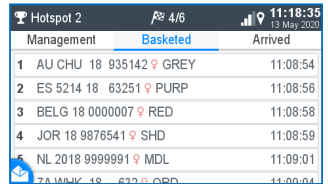
Basketed:
Here are the pigeons displayed
which have been basketed.

Hotspot 2	🏁 4/6	11:18:49 13 May 2020
Management	Basketed	Arrived
1	NL 2018 9999991 ♀	11:16:24.4
2	JOR 18 9876541 ♀	11:16:25.8
3	ES 5214 18 63251 ♀	11:16:29.7
4	ZA WHK 18 632 ♀	11:16:31.0
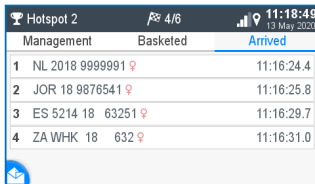
Arrived:
The pigeons that have arrived are
displayed here.

Hotspot 2	🏁 4/6	11:19:36 13 May 2020
Management	Basketed	Arrived
Flightname		
Hotspot 2	✉ Waiting for Authorization key	
Releasepoint		
Bludenz	✕ Cancel	
Temp. Evaluate	Print	Evaluate
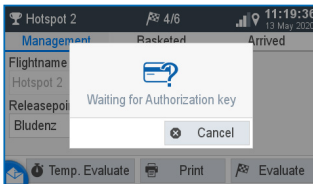
Waiting for authorization:
Hold the authorization card over the
BENZING ClubSystem antenna.
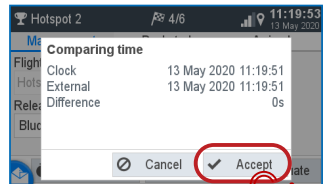
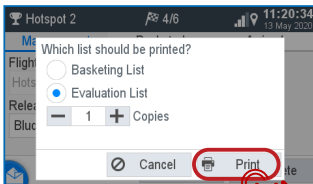| Hotspot 2	🏁 4/6	11:19:53 13 May 2020
Comparing time		
Clock		13 May 2020 11:19:51
External		13 May 2020 11:19:51
Difference		0s
Ⓧ Cancel		✓ Accept

Time comparison:
1. Check the time for plausibility.
2. The time comparison must be
confirmed with the „Accept" button.

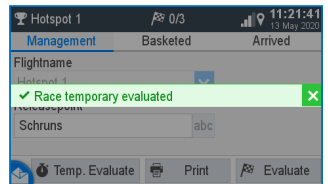| Hotspot 2	🏁 4/6	11:20:18 13 May 2020
Management	Basketed	Arrived
Flightname		
Hotspot 2		
Releasepoint		
Bludenz		abc
	🖨 Print	🗑 Delete
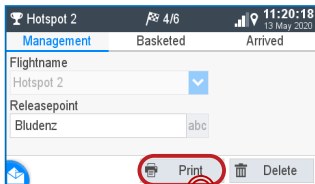
Management:
The flight is evaluated.
Press 🖨 Print to print the evaluation
list.

Hotspot 2	🏁 4/6	11:20:34 13 May 2020
Which list should be printed?		
○ Basketing List		
● Evaluation List		
➖ 1 ➕ Copies		
Ⓧ Cancel		🖨 Print

Lists:
1. Select the list you want.
2. Determine the number of
Printouts.
3. 🖨 Start printing.

Hotspot 1	🏁 0/3	11:21:41 13 May 2020
Management	Basketed	Arrived
Flightname		
Hotspot 1		
✓ Race temporary evaluated		✕
Releasepoint		
Schruns		abc
⏱ Temp. Evaluate	Print	Evaluate

Temporary Evaluation (optional):
Press the button
⏱ Evaluate to receive a temporary
list of results.
The race is only evaluated in the
meantime and the race continues.

🖥 PC Communication (optional)

🖥 PC Communication	10:49:49 13 May 2020
Select a Fancier	
❶ Max (032144)	❯
❷ Moritz (000000)	
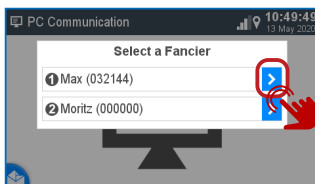
Fancier Selection:
1. Press button 🖥 PC
2. Select fancier

🖥 ⓘ PC Communication	10:50:12 13 May 2020
1	
	2

PC Communikation ok:
1 Active fancier
2 PC communication is running

The PC communication is for the
transmission of fanciers and
pigeon information from the
management software.

> **NOTE:**
> Multifancier mode is only
> available for BENZING M3.

⚙ Operation I Operatie I Operación I Funcionamento

BENZING M2/M3   BENZING ClubSystem
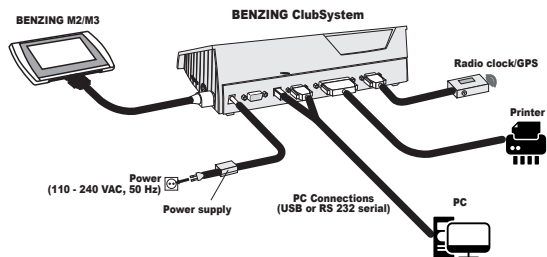
Radio clock/GPS

Printer

Power
(110 - 240 VAC, 50 Hz)

Power supply   PC Connections
                    (USB or RS 232 serial)   PC

EN

Club installation
Connect the BENZING M2/M3 to the ClubSystem
using a club cable. Check if everyone required
components such as printer, PC connection and
external time source are connected. Then connect
the plug-in power supply to the ClubSystem.

NL

Club installatie
Verbind de BENZING M2/M3 met het Clubsysteem
met behulp van een clubkabel. Controleer de
componenten zoals printer, pc-verbinding en Atoom-
klok/Gps ontvanger zijn aangesloten. Sluit vervol-
gens de voedings adapter aan op het Clubsysteem.

ES

Instalación del Club
Conecte el BENZING M2/M3 al ClubSystem con un
cable club. Compruebe si todos los componentes
necesarios, como la impresora, la conexión de PC
y la fuente de tiempo externa, están conectados.
Luego conecte el complemento fuente de
alimentación al ClubSystem.

PT

Instalação na Colectividade
Ligue o BENZING M2/M3 ao ClubSystem utilizando
o cabo fornecido com o ClubSystem. Verifique se
todos os dispositivos estão ligados (impressora,
ligação ao PC e o dispositivo de acerto de hora)
Depois é só ligar o cabo do transformador ao
ClubSystem.

☀ Time Set in the Clubsystem Menu

TIME   15:42:20
RCL/GPS   OFFSET

To use the complete functions of
the BENZING Live Smart Hub it's
necessary to set GPS time in the
ClubSystem.

RCL/GPS   15:42:50
External clock:
Radioclock
>GPS(UTC)
QUIT   OK

RCL/GPS:
Select with up and down GPS.
Confirm with OK.

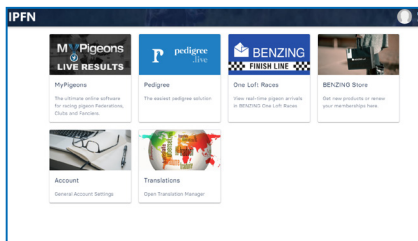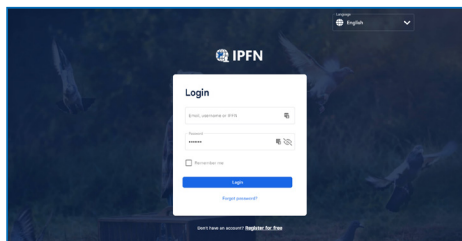| OFFSET   15:43:40 |
|---|
| Time offset: |
| Radioclock   +01h |
| >GPS(UTC)   +01h |
| QUIT   OK |

Select Offset:
With left and right you manage the
offset. With up and down you choose
GPS and RCL.

It's needed that the GPS and RCL
offset is set to the same offset.

🌐 BENZING MyPigeons.live Website Online

EN

Register and login on the website www.mypigeons.live
You can log in to the website using your Email, username or IPFN and password

1 If you have not registered yet, click on "Register for free".

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.

NL

Registreren en inloggen op de website www.mypigeons.live
U kunt inloggen op de website met uw Email, en wachtwoord of IPFN

1 Klik op „Inloggen" en voer de live-ID en het wachtwoord in.

2 Als u zich nog niet heeft geregistreerd, klikt u op „Registreren".
Voer uw gegevens in het onderstaande venster in en klik op „Registreren". U ontvangt een e-mail met de bevestiging. Klik in deze e-mail op de knop E-mail verifiëren om de registratie te bevestigen. Na het inloggen komt u op uw persoonlijke dashboard.

ES

Regístrese e inicie sesión en el sitio web www.mypigeons.live
Puede iniciar sesión en el sitio web con su Live ID y contraseña o IPFN. Haga clic en „Iniciar sesión" e introduzca el Live ID y la contraseña.

1 Si aún no se ha registrado, haga clic en „Registrarse gratis".

2 Introduzca sus datos en la ventana de abajo y haga clic en „Registrarse". Recibirá un correo electrónico con la confirmación. En este correo electrónico, haga clic en el botón Verificar correo electrónico para confirmar el registro. Después de iniciar sesión, se le dirigirá a su panel de control personal.

PT

Registre-se e faça o login no site www.mypigeons.live
Você pode fazer login no site usando seu e-mail, nome de usuário ou IPFN e senha

1 Se você ainda não se cadastrou, clique em "Cadastre-se gratuitamente".
Insira seus dados na janela abaixo e clique em „Registrar". Você receberá um e-mail com a confirmação.

2 Neste e-mail, clique no botão "Verificar e-mail" para confirmar o registro. Após o login, você será levado ao seu painel pessoal.

Disposal

Directive DEEE 2012/19/EU on electrical- and electronic equipment waste

➤ Dispose of the package and the end-of-life product in an appropriate recycling facility.

➤ Do not discard the product with household waste.

➤ Do not burn the product

Gantner Pigeon Systems GmbH
Batloggstr. 36, 6780 Schruns
Manufactured in Austria

Technical Features	
User feedback	Multicolour TFT Display with Touchscreen
Interface	RS485, USB
Protection Class	IP50
Electric power supply	10 to 20V DC
Power consumption	6 W at 15 V DC
Operation temperature	0°C to +60 °C
Storage Temperature	-20°C to +70 °C 95 % humidity without condensation
Housing	Halogen-free polycarbonate, Aluminium (Only BENZING M3)
Norms and Standards	EN 300 220-2, ETSI EN 300 330, EN 62368-1