FRAMA

mail. message. managed.

FRAMA Fx Series 5
USER MANUAL F-LINK 2

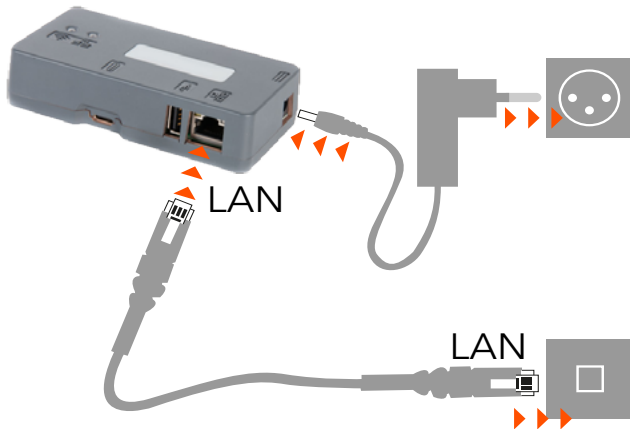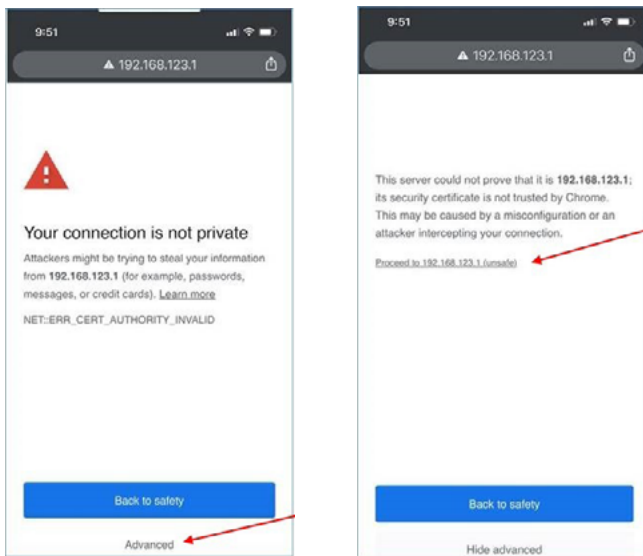**Table of contents**

LAN connectivity

The LAN connectivity works for the Frama Fx Series 5.

LAN connection

Plug in the **Power Adapter** and wait until both status lights are lit

Plug the **LAN cable** between the F-Link 2 and the customer network

On your **Mobile Phone**, look in wireless setting for available networks. Search for a network that starts with: **Connect-A001245** Select this network and enter the **Password: Nconnect**

Open an internet browser on this phone and enter the following URL: **https://192.168.123.1**

You may see a warning that the connection is not private. Please click on the **Advanced-tab** in your browser to proceed to https://192.168.123.1

Now, you will be allowed to sign in. Use the following login:
Login: admin
Password: admin

Configuration of Modem / Router mode for F-Link 2

Step 1:
Note: With your mobile phone, you must be connected with the box to modify settings

On **Home** page: the LAN status should be **UP** and the IP address should be different from 192.168.123.1

Step 2:
Go to **NETWORK/LAN** page

Next, set the following parameters:
Select **Static** (not DHCP)

Sample settings. Ask the Network administrator for correct IP credentials:

IP address:	**192.168.99.1**
NetMask:	**255.255.255.0**
Gateway:	**192.168.0.1**
DNS 1:	**8.8.8.8**
DNS 2:	**8.8.4.4**

Then, click the **Submit** button

Success Information

Step 3:
On **Settings / IS/IN/IX** enter **URL Settings** of F-Link 2

CH
On- Line Services: **chfr-MeterServices.link0-neopost.com**
Server Postal Core: **chfr-MeterServices.link0-neopost.com**
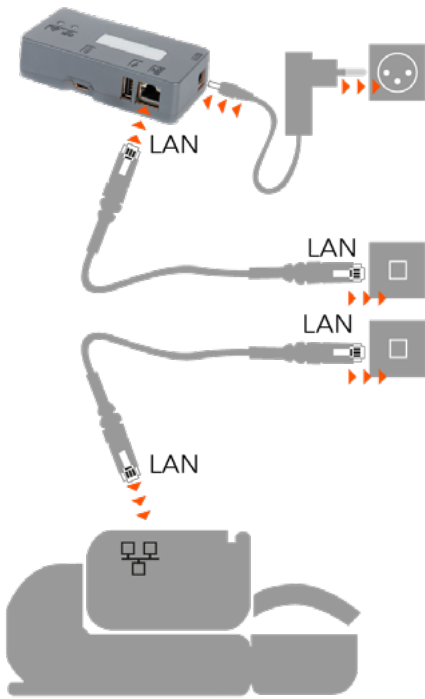Port number: **443**

UK
On- Line Services: **ukfr-MeterServices.link0-neopost.com**
Server Postal Core: **ukfr-MeterServices.link0-neopost.com**
Port number: **443**

Then, click the **Apply** button

Therewith the configuration of the F-Link 2 has been completed.

Configuration of Fx Series franking systems

Plug in the **LAN cable** to the Internet wall socket

Plug in the **LAN cable** to the base and the Internet wall socket

Power up the F-Link 2

Franking Systems Configuration
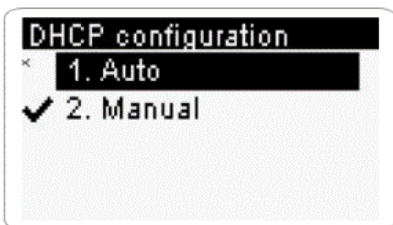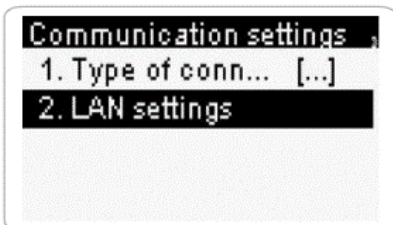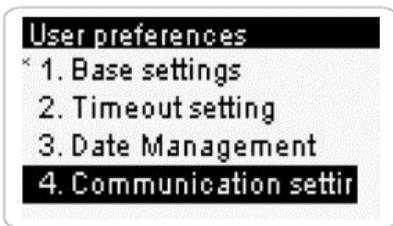
Step 1:
On the Franking Systems go to Supervisor Mode (Manger) and then to
• **Erweiterte Enstellungen (CH)**
• **Advanced Settings (UK)**
Communication Setting and configure following parameters

Next, select **LAN settings**

In **LAN configuration** select **DHCP Auto**
Confirm with **OK**

DNS configuration
× 1. Auto
✓ 2. Manual

Also select **DNS Auto**
Confirm with **OK**

Note: All next screens, just confirm until you reach **Proxy** menu

LAN Configuration
✓ 1 Proxy ON
2 Proxy OFF

Set Proxy to **ON**
Confirm setting with **OK**

LAN Configuration
×
Proxy URL

192.168.99.1

In Proxy configuration enter the following credentials:

Ask the customer IT administrator for correct credentials
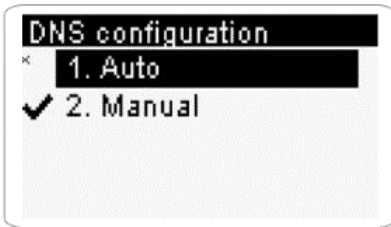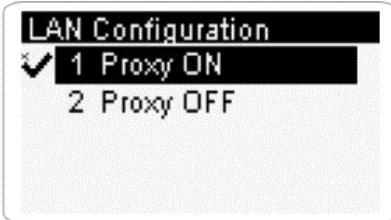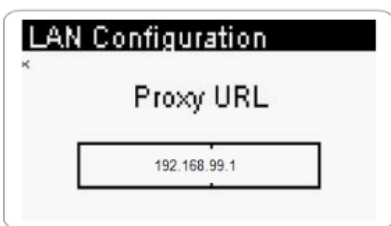*   Proxy-URL **192.168.99.1** (static **IP address** from the F-Link 2)
*   Proxy-Port **8080**
*   If required: **Proxy Domain name, User name and Password**

Confirm with **OK**

Note: All next screens, just confirm with **OK** until you reach **Communication settings** again

Advanced Settings
1. Online Services
2. Settings
3. Maintenance
4. Services
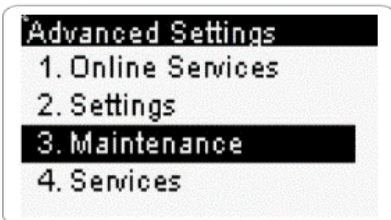
Step 2:
In **Menu**
*   **System Info (CH)**
*   **Maintenance (UK)**

Maintenance
1. System Info
2. Process & Diagnost...
3. Network advanced set
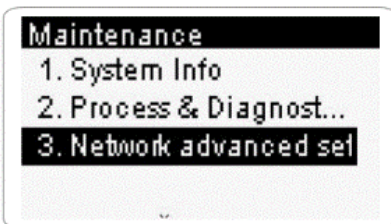
Select
*   **Netzwerkeinstellungen (CH)**
*   **Network Advanced Settings (UK)**

Network advanced settings
1. TCP output port
2. OLS URI   [ON]
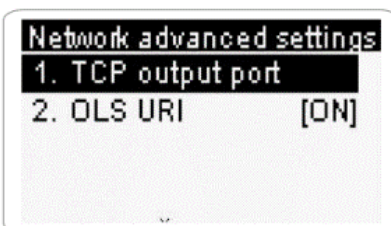
In Network configuration enter the following credentials:

Menu **TCP Output Port**
*   TCP output port: **4444**

Confirm with **OK**

Menu **Redirection URI**
- Set Redirection to **ON**

Confirm with **OK**

- Redirection URI (OLS): **ols**
- PSD Redirection URI: **postal**

Note: Write URI information in small letters

Confirm with **OK** until you return to **Network Configuration**

Congratulation! The F-Link 2 and the Franking Systems are successfully configured.
However, make sure the F-Link 2 is fully functional by performing a Postal Inspection and an OLS Generic call on the franking systems.

LAN Wireless connectivity

The LAN Wireless connectivity works for the Frama Fx Series 7, 7.5 and 9.

Connect by Wireless
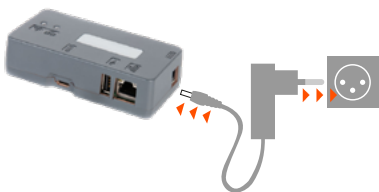
Plug in the **Power Adapter** and wait until the status lights are lit
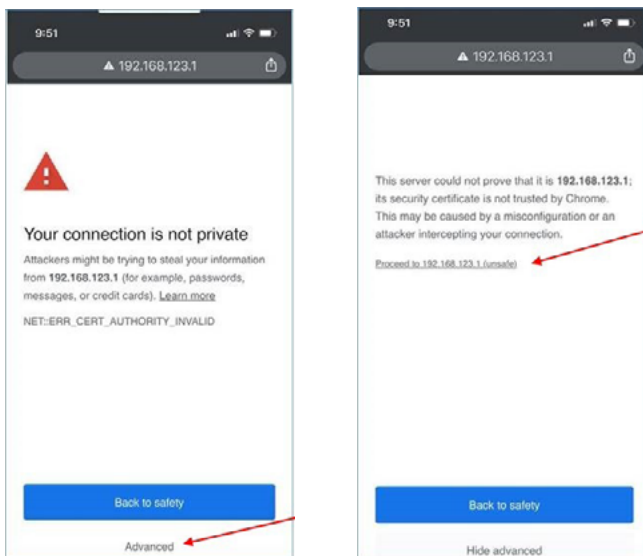
On your **Mobile Phone**, look in wireless setting for available networks. Search for a network that starts with: **Connect-A001245** Select this network and enter the **Password: Nconnect**

Open an internet browser on this phone and enter the following URL: **https://192.168.123.1**

You may see a warning that the connection is not private. Please click on the **Advanced-tab** in your browser to proceed to https://192.168.123.1

Now, you will be allowed to sign in. Use the following login:
Login: admin
Password: admin

Configuration of Wireless mode for F-Link 2

Change parameters for Lan Interface

DHCP	
Static	
Ip address	192.168.99.1
NetMask	255.255.255.0
Gateway	
DNS 1	8.8.8.8
DNS 2	8.8.4.4

Submit

HOME | NETWORK | LOG | INFO | SETTINGS | USER GUIDE
IS/IN/IX | IJ/WJ | PROXY | LOGIN/PWD | RESET

Change parameters for IS machine

Name server for On-Line Services	chfr-MeterServices.link0-neopost.com
Port number for On-Line Services	443
Name server for Postal Core	chfr-MeterServices.link0-neopost.com
Port number for Postal Core	443

Apply

192.168.123.1 indique

connected to ssid: Livebox-AF90

OK

HOME | NETWORK | LOG | INFO | SETTINGS | USER GUIDE
LAN | WIRELESS STATION | WIRELESS ACCESS POINT

Connect to a station

Choose	Station	dBm	Signal	Security
	Livebox-AF90	-43.00		Secured
	IOT10210b32u	-49.00		Secured
	freebox_RQILYI	-71.00		Open
	FreeWifi	-72.00		Open
	FreeWifi_secure	-73.00		Secured Enterprise
	AndroidAP5FBB	-95.00		Secured

Connect

Note: With your mobile phone, you must be connected with the box to modify settings

Step 1:
In the navigation, select **Network /LAN**

Next, set the following parameters:
Select **Static** (not DHCP)

Sample settings. Ask the Network administrator for correct IP credentials:

IP address: **192.168.99.1**
NetMask: **255.255.255.0**
Gateway:
DNS 1:   **8.8.8.8**
DNS 2:   **8.8.4.4**

Then, click the **Submit** button

Step 2:
On **Settings / IS/IN/IX** enter **URL Settings** of F-Link 2

CH
On- Line Services: **chfr-MeterServices.link0-neopost.com**
Server Postal Core: **chfr-MeterServices.link0-neopost.com**
Port number: **443**

UK
On- Line Services: **ukfr-MeterServices.link0-neopost.com**
Server Postal Core: **ukfr-MeterServices.link0-neopost.com**
Port number: **443**

Then, click the **Apply** button

The success information appears

Note: From configuration LAN to WI-FI, check in **Menu, advanced Network Settings:**
URI = OFF
Port = 443

Step 3:
In the navigation, select **Wireless Station**. You will see a list of Wireless networks with their SSIDs displayed.

Select the corresponding Wireless network and click **Connect**

The security description is to be understood as follows:
• Open: no password required
• Secured: password required
• Secured Enterprise: administrator required

Next, enter the **password** of your WLAN and click **„Connect"**

Connect to: Livebox-AF90

Enter PsK here ...

☐ Show Password

Cancel   Connect

192.168.123.1 indique
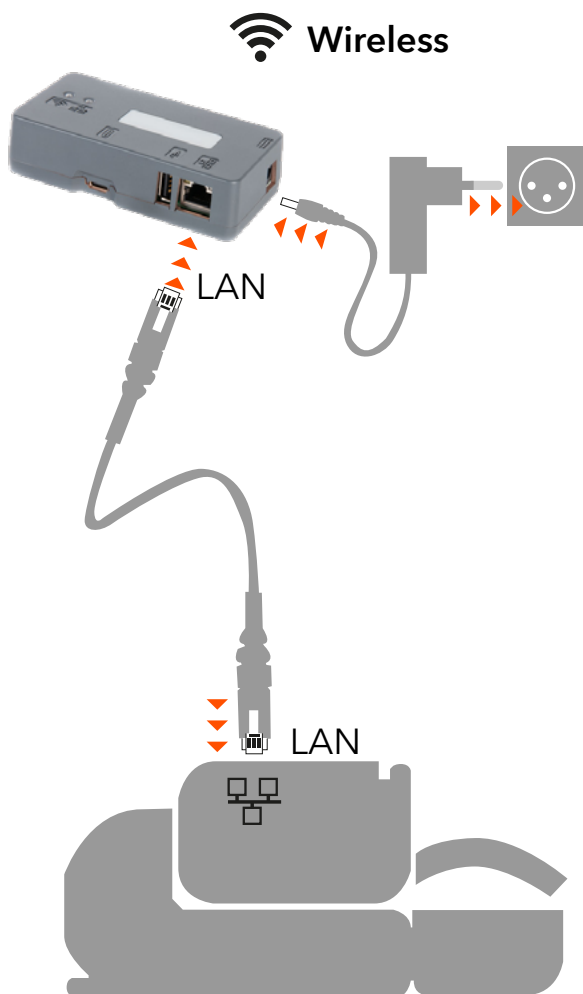
connected to ssid: Livebox-AF90

OK
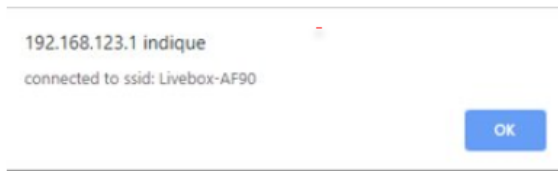
After that, you should receive a success information
Press **OK**

Note: The WI-FI is activated if the green LED is lightnig

The F-Link 2 is now connected to WI-FI. Now, the configuration of the franking machine will take place.
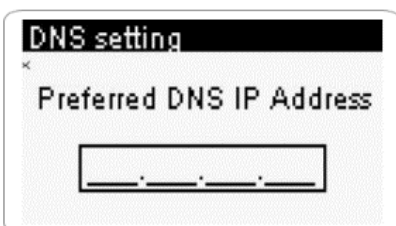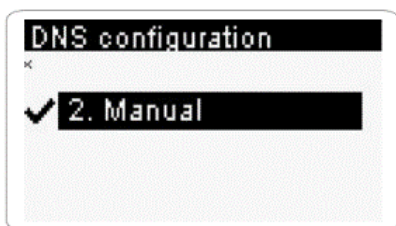
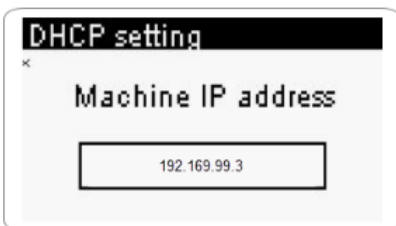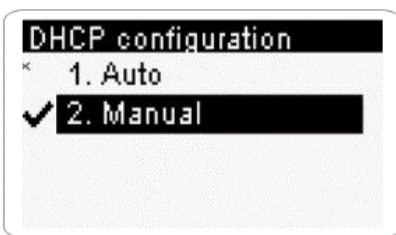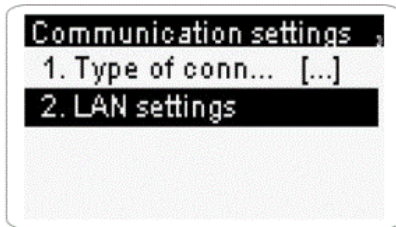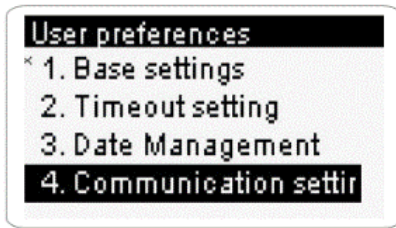**Configuration of Fx Series franking systems**

Plug the LAN cable between the F-Link 2 and the franking systems

Power up the F-Link 2 if it's not already powered up

🛜 Wireless

LAN

LAN

Franking Systems Configuration

```
User preferences
× 1. Base settings
  2. Timeout setting
  3. Date Management
  4. Communication settir
```

On the Franking Systems go to Supervisor Mode (Manger) and then to **Advanced Settings,**
Settings,
Communication Setting and configure following parameters

```
Communication settings
  1. Type of conn...  [...]
  2. LAN settings
```

Next, select **LAN settings**

```
DHCP configuration
× 1. Auto
✓ 2. Manual
```

In Menu **DHCP configuration** select **DHCP Manual** to enter the fix IP

```
DHCP setting
×
  Machine IP address

    192.169.99.3
```

Following images showing **sample** IP setting. Ask your network administrator for correct credentials.

Note: with button **C** clear first all information being able to enter the IP address

- Machine IP address: **192.168.99.3**
- Subnet Mask: **255.255.255.0**
- Default Gateway: **192.168.99.1** (IP address of the F-Link 2)

Confirm with **OK** until you return to **DHCP manual** screen

```
DNS configuration
×
✓ 2. Manual
```

Next enter **DNS settings**
Select **Manual**

```
DNS setting
×
  Preferred DNS IP Address

    ___.___.___.___
```

Enter **8.8.8.8** for the **preferred DNS** IP address

Press **OK**

Enter **8.8.4.4** for the **alternate DNS** IP address

Press **OK** until you reach **Proxy** screen

9

Select **Proxy off** and confirm with **OK**
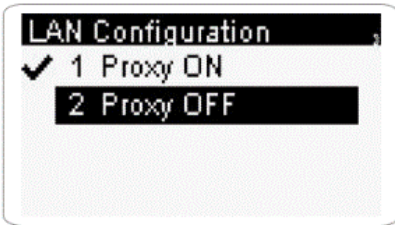
The F-Link 2 is successfully setup once you see **both green lights** on

Congratulation! The F-Link 2 and the Franking Systems are successfully configured.
However, make sure the F-Link 2 is fully functional by performing a Postal Inspection and an OLS Generic call on the franking machine.

Appendix

To switch off Wi-Fi mode

To disable the current Wi-Fi mode go to **Wireless Station,** press **Connect** and enter an incorrect **Password**. Wait until the message „Impossible to connect to ssid": appears.

The green Wi-Fi Led turns to yellow. The chosen Wi-Fi station is disabled.

To Reset F-Link 2 to Factory Default

Step 1:
Connect a USB key (drive) to a PC. Make sure the key is formatted for FAT32.

Step 2:
Create a text file on the root directory of the key and name it 'ifreset' then save.
Click on the new file and change the extension from '.txt' to '.cmd'.
Remove the key from the PC.

Step 3:
Power off the F-Link 2 and insert the USB key into the USB port.
Switch On the F-Link 2.
Wait until the Wireless LED turns amber and the box has been reset.

Specifications
Connect Box Typ: A0124519

Connectivity:	RJ 45 Lan Connector
	USB 2.0 Host Connector
Core System:	CPU : NXP i.MX6UL @ 528MHz, ARM Cortex-A7, up to 1GB DDR3L
Power Specification:	Power Connector 5.5 / 2.1mm barrel jack
	External Power Supply 5V DC +/- 5% 1,2A
	Safety: UL/CUL,CB,GS,CE,FCC
Wireless Qualcomm:	Dual mode 802.11 a/b/g/n/ac up to 480Mbps.
	2.4 Ghz FlexNotch Antenna
Wireless security:	WPA2-PSK, WPA-PSK
Compliants:	EN55032/24.
	CE, FCC Part 15C, ID 2AKZA-QCA9377, IC 22364-QCA9377
Speed:	Lan 10/100 Mbps
Temperature:	0° to 40°
Humidity Operating:	20% to 80%
Dimensions:	105 x 54 x 27 mn
Protocols/Port:	TCP/IP V4.0
	TLS V1.2 / Port 443
Certificate:	Public
Key:	RSA key, 2048 bits