

FRAMA Fs Series 3

USER MANUAL F-LINK 2



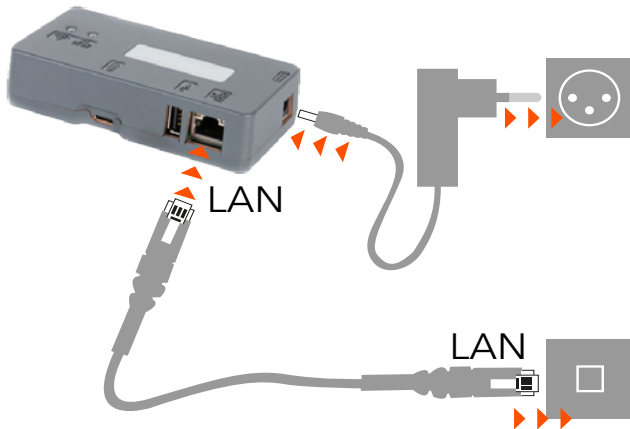
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LAN connectivity

The LAN connectivity works for the Frama Fs Series 3.

LAN connection



Plug the **LAN Cable** between the F-Link 2 and the customer Network

Plug in the **Power Adapter** and wait until both 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 LAN / Router mode for F-Link 2

The screenshot shows the 'Connect' web interface with the 'LAN' and 'Wireless Access Point' configuration pages. The LAN page shows the following settings:

ADDRESSING TYPE:	DHCP
STATUS:	UP
MAC ADDRESS:	90:1f:00:00:00:01
IP ADDRESS:	
IP VS LINK:	192.168.123.1
NETMASK:	
GATEWAY:	
RX BYTES:	139155
TX BYTES:	17819

The Wireless Access Point page shows the following settings:

ACCESS POINT NAME:	Connect40124519A19460005
STATUS:	UP
MAC ADDRESS:	02:1f:24:24:00:00
IP ADDRESS:	192.168.123.1
IP VS LINK:	9800:1f:798f:986:2800%212862000064
NETMASK:	255.255.255.0
GATEWAY:	
RX BYTES:	560030
TX BYTES:	3414485

DNS settings are also visible:

DNS 1:	10.207.40.139
DNS 2:	10.207.40.139

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

The screenshot shows the 'Connect' web interface with the 'LAN' configuration page. The 'DHCP' checkbox is unchecked, and the 'Static' checkbox is checked. The following settings are entered:

Ip address:	192.168.99.1
NetMask:	255.255.255.0
Gateway:	
DNS 1:	8.8.8.8
DNS 2:	8.8.4.4

A 'Submit' button is visible at the bottom.

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

192.168.123.1 indique
lan success

OK

The screenshot shows the 'Connect' web interface with the 'IS' configuration page. The following settings are entered:

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

An 'Apply' button is visible at the bottom.

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**

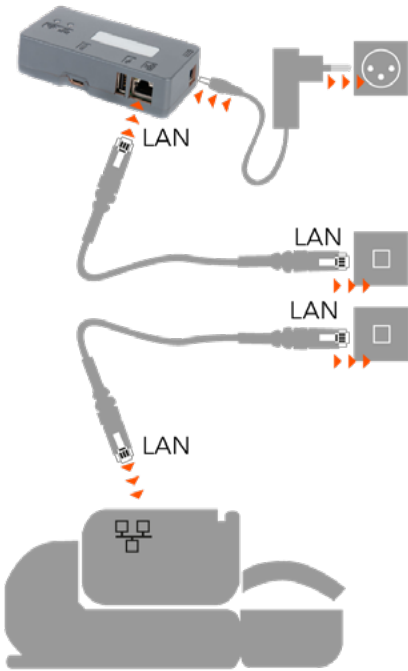
UK

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 Fs Series 3 franking systems

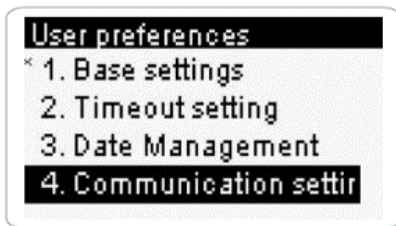


Plug in the **LAN cable** to the Internet wall socket

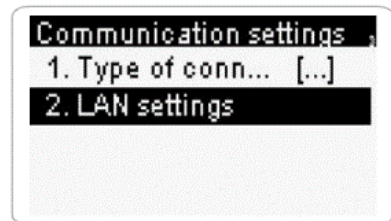
Plug in the **LAN cable** to the base and the Internet wall socket

Power up the F-Link 2

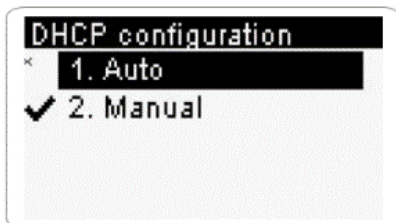
Franking Systems Configuration



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

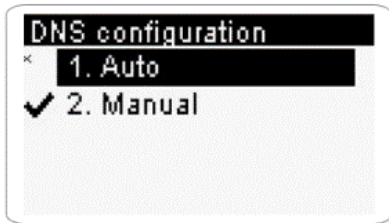


Next, select **LAN settings**



In **LAN configuration** select **DHCP Auto**

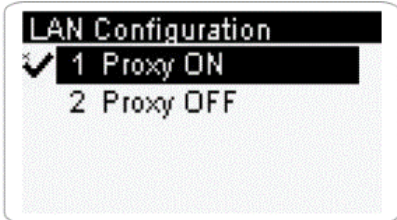
Confirm with **OK**



Also select **DNS AUTO**

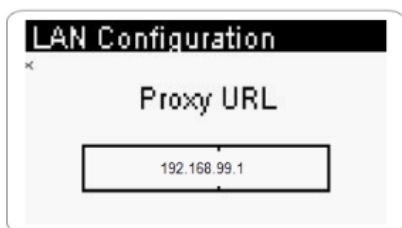
Confirm with **OK**

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



Set Proxy to **ON**

Confirm settings with **OK**



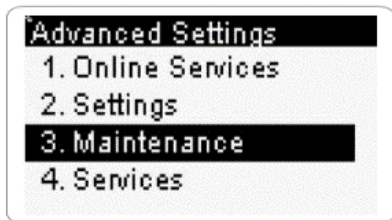
Enter the **Proxy** configuration

Sample settings. 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**

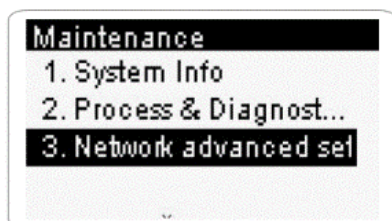
Note: All next screens, just confirm with **OK** until you reach **Communication settings** screen again



Step 2:

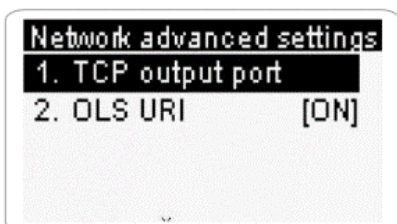
In **Menu**

- **System Info (CH)**
- **Maintenance (UK)**



Select

- **Netzwerkeinstellungen (CH)**
- **Network Advanced Settings (UK)**



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

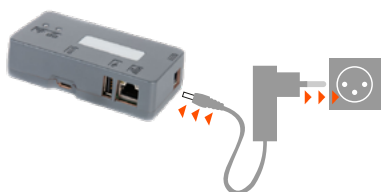
Confirm with **OK** until you return to **Network Configuration**

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 Fs Series 3.

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



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

Change parameters for Lan Interface

DHCP

Static

Ip address:

NetMask:

Gateway:

DNS 1:

DNS 2:

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

Connect 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:

Port number for On-Line Services:

Name server for Postal Core:

Port number for Postal Core:

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

192.168.123.1 indique
 connected to ssid: Livebox-AF90

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

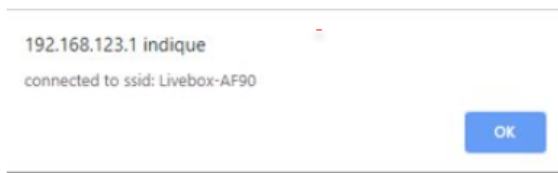
Connect HOME | NETWORK | LOG | INFO | SETTINGS | USER GUIDE
 LAN | WIRELESS STATION | WIRELESS ACCESS POINT

Connect to a station

Choose	Station	dBm	Signal	Security
<input type="radio"/>	Livebox-AF90	-43.00		Secured
<input type="radio"/>	IOT10210b32u	-49.00		Secured
<input type="radio"/>	freebox_RQILYI	-71.00		Open
<input type="radio"/>	FreeWifi	-72.00		Open
<input type="radio"/>	FreeWifi_secure	-73.00		Secured Enterprise
<input type="radio"/>	AndroidAP5FBB	-95.00		Secured



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

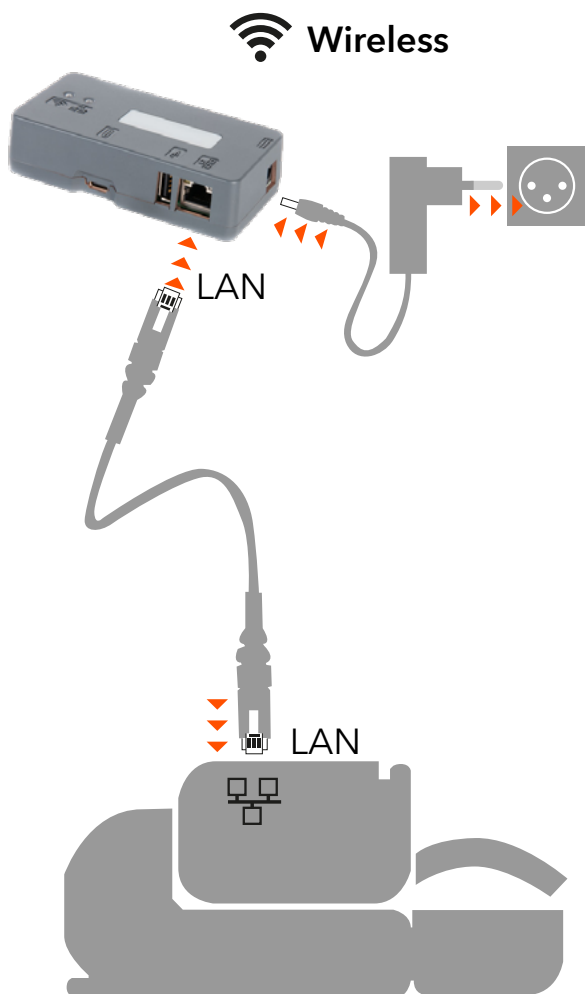


After that, you should receive a success information
Press **OK**

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.

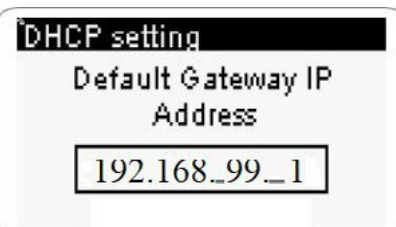
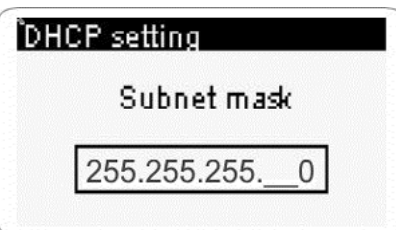
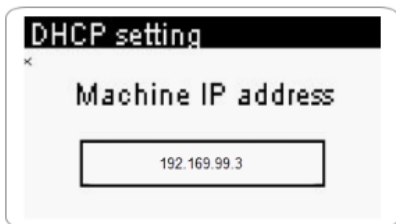
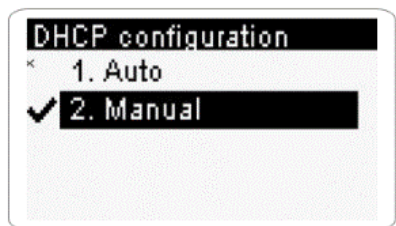
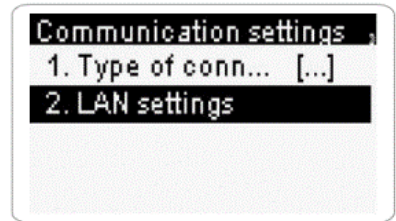
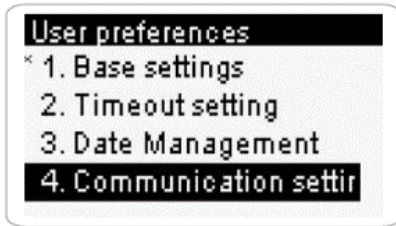
Configuration of Fx Series franking systems



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

Franking Systems Configuration



Log in to the **Supervisor Mode (Manager)** and select **Communication Settings** from the Menu

First, in menu **Type of Connection** ensure **LAN** is present

Next, select menu **LAN-Settings**

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

Following images showing sample IP setting. Ask your network administrator for correct IP credentials
Enter **192.168.99.3** for the Machine IP address

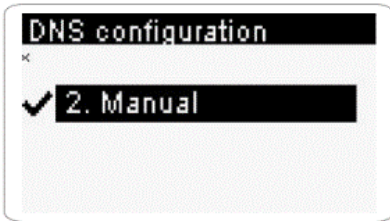
Confirm with **OK**

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

Then, enter **255.255.255.0** for the **Subnet mask**

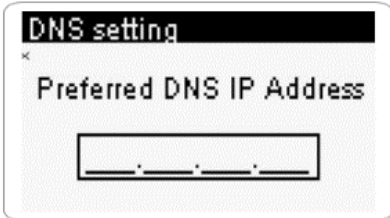
Confirm with **OK**

Next, enter **192.168.99.1** for the default gateway (IP address of the F-Link 2)



Next enter **DNS settings**

Select **Manual**

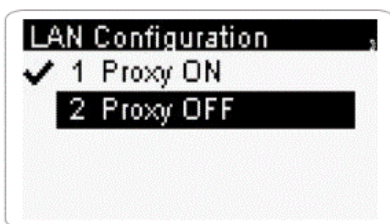


Enter **8.8.8.8** for the **preferred DNS** IP address

Press **OK**

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

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



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
Compliance:	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 mm
Protocols/Port:	TCP/IP V4.0 TLS V1.2 / Port 443
Certificate:	Public
Key:	RSA key, 2048 bits