



Overview

The BFI-SmartStick is used for fast and accurate repeat drive programming. It can also be used to communicate with the BFI via the BFI-Tools Mobile smartphone app and BFI-Tools Studio.

Note

Parameters can only be copied between drives of the same product range and power rating (size).

Compatibility

This Option is suitable for use on the following product ranges:

BFI P2 (BFI-P2....Drives)

BFI H3 (BFI-H3....Drives)

BFI E3 (BFI-E3....Drives)

Model Code

OPT-3-STICK-BFI*

(*) BFI-SmartStick is available to order within the following options kits:

OPT-3-WLKIT-BFI (Wireless PC Kit)

OPT-3-PCKIT-BFI (Wireless PC Kit with NFC Reader)

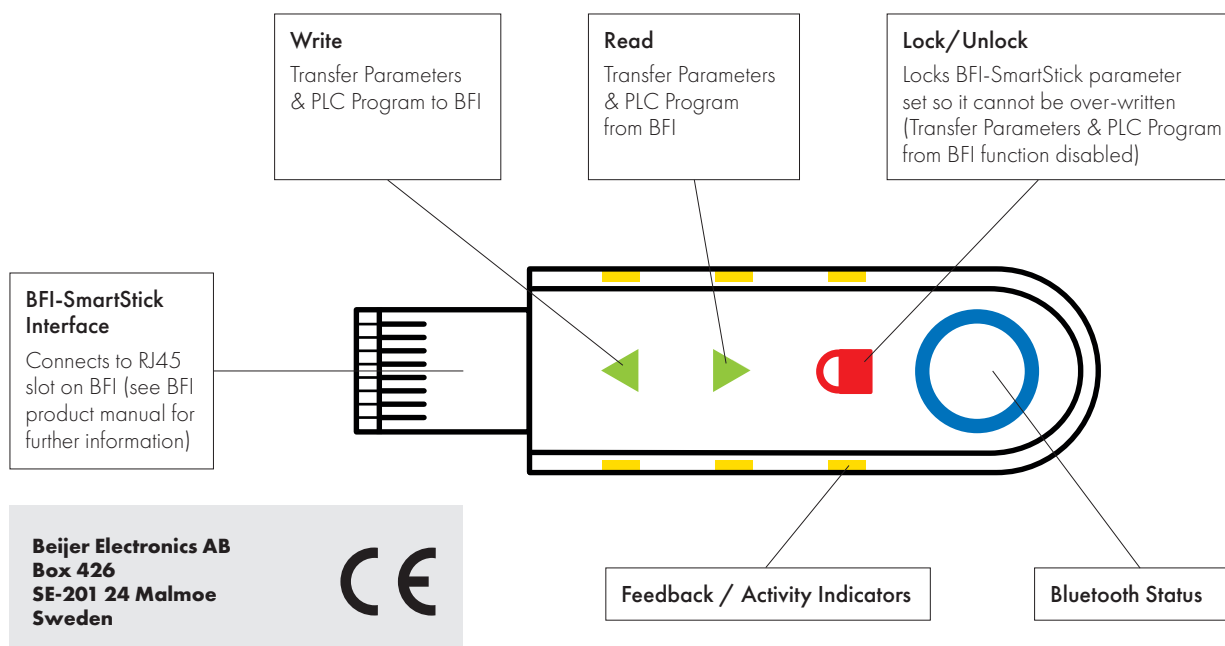
Compliance

Hereby, the manufacturer declares that the radio equipment type Bluetooth Wireless Access Point, model BFI-SmartStick, is in compliance with Directive 2014/53/EU.

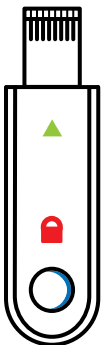
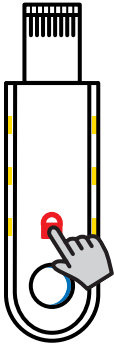
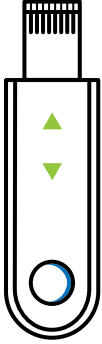
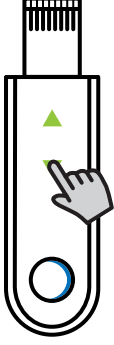
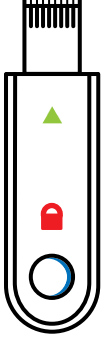
The full test of the EU declaration of conformity is available by contacting Beijer Electronics AB.

Drive display message to show the status for certain operation

Message	Description
<i>PRSS-r</i>	BFI-SmartStick read / stored the drive parameters successfully
<i>USER-r</i>	BFI-SmartStick has read/stored the Drive User Parameters successfully
<i>PRrA-r</i>	BFI-SmartStick has read/stored the Drive Main Parameters successfully
<i>PLC-r</i>	BFI-SmartStick has read/stored the Drive PLC Program successfully
<i>DS-Loc</i>	BFI-SmartStick is locked; attempting to read parameter from the drive with BFI-SmartStick lock switch on
<i>FR iL-r</i>	BFI-SmartStick failed to read parameter from the drive
<i>PRSS-t</i>	BFI-SmartStick transferred parameters to the drive (write parameters to drive) successfully
<i>USR-PS</i>	BFI-SmartStick has transferred User Parameters to the Drive successfully
<i>PRSS-t</i>	BFI-SmartStick has transferred Main Parameters to the Drive successfully
<i>dL-PLC</i>	BFI-SmartStick has transferred PLC Program to the Drive successfully
<i>FR iL-P</i>	The power rating of the parameters saved in the BFI-SmartStick does not match the power-rating of the drive to be programmed
<i>FR iL-t</i>	BFI-SmartStick failed to transfer parameter set to drive
<i>no-dAt</i>	No parameter data saved in the BFI-SmartStick
<i>dr-Loc</i>	Drive parameters have been locked and cannot accept new parameter settings. Unlock drive parameter set
<i>dr-rUn</i>	Drive is running and cannot accept new parameter settings. Stop drive operation before programming
<i>tYPE-E</i>	Parameters for Drive type saved in BFI-SmartStick do not match the drive type to be programmed (write operation only)
<i>tYPE-F</i>	BFI-SmartStick currently doesn't support the drive type to be programmed

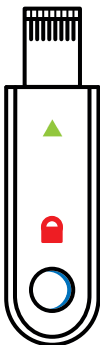
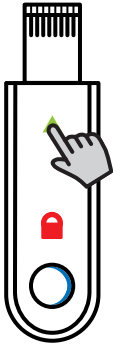
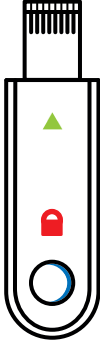


Copying Data from a Drive

Action	Description
	<p>Insert the BFI-SmartStick into the RJ45 port on the BFI</p> <p>Wait for the BFI-SmartStick to complete its boot sequence</p> <p>The BFI-SmartStick is ready when the up-arrow and the padlock symbol are displayed</p>
	<p>Before attempting to download data, unlock the BFI-SmartStick by touching the padlock symbol until the LEDs stop flashing</p>
	<p>When the BFI-SmartStick is unlocked both green arrows are displayed</p>
	<p>Touch the lower arrow to initiate data download from the BFI</p> <p>The BFI display will indicate the data download progress</p> <p>Wait until the BFI-SmartStick LEDs stop flashing. Some BFI's require multiple files which may take up to 30 seconds to transfer</p>
	<p>Once Download is complete the BFI-SmartStick will automatically re-lock, with the up-arrow and the padlock symbol displayed</p> <p>Remove the BFI-SmartStick from the BFI</p>

Writing Data to a Drive

Using an BFI-SmartStick loaded with BFI data via the 'Copying Data from a Drive' or preloaded via Smartphone or PC applications.

Action	Description
	<p>Insert the BFI-SmartStick into the RJ45 port on the BFI</p> <p>Wait for the BFI-SmartStick to complete its boot sequence</p> <p>The BFI-SmartStick is ready when the up-arrow and the padlock symbol are displayed</p>
	<p>Touch the upper arrow to initiate data upload from the BFI-SmartStick to the BFI</p> <p>The BFI display will indicate the data download progress</p> <p>Wait until the BFI-SmartStick LEDs stop flashing. Some BFI's require multiple files which may take up to 30 seconds to transfer</p>
	<p>Once the upload to the BFI-SmartStick is complete it can be removed from the BFI</p>