1. FUNCTION

A Franking Connection unit FC-3 is required if a franking machine is part of the system. The FC-3 will turn over the envelopes so that these enter the franking machine with the address side upwards.

Operating and programming takes fully place via the IN-3 control panel. The 24V DC supply Voltage is obtained from the power supply PS-3.
Warning

- Before connecting check whether the power supply PS-3 is suitable for the local mains voltage; refer to the type plate. The mains plug shall be connected only to a socket outlet provided with a protective earth contact.
- The socket outlet shall be installed near the equipment and shall be easily accessible.

If franking is required an FC-3 has to be placed at the “forward” exit of the SO-3. An example of this configuration is shown in fig. 2.

The FC-3 has three exits:
- the forward exit (to the franking machine),
- the top exit: if “1x document” or “1x envelope” is pressed at the IN-3 test menu, the envelope will be presented here to check the contents.
- the bottom exit (divert): for envelopes with possible “wrong” contents*.

* possible wrong contents:
1. If a stoppage occurs on the track of the transport unit, after restart the sets involved can be “suspicious” because the system could not see what has been done to recover the stoppage.
2. If paper was found on the system at power up, the related filled envelopes will leave the FC-3 via the bottom exit.
3. If the job settings on the IN-3 are a.o.: a) Sorting is set to “off”, b) Envelopes to go to exit 1 and c) IN-3 document thickness detector on, the FC-3 will send the envelopes with incorrect thickness to the bottom exit in case these have not been taken away from the insert position after the machine stopped.
3. JOB SETTINGS

3.1 Job programming

When the FC-3 has been installed, the sorting settings menu shows a screen as shown in Fig. 4. Job programming takes fully place via the control panel of the IN-3, however for the FC-3 no special programming actions are needed. Refer to the IN-3 operator manual and the SO-3/PS-3 operator manual appendix for details regarding programming.
4. FAULT FINDING

4.1 The error screen
When the system detects an error, the system shows an error screen. An example is shown in fig. 5. The errorcode consists of three digits (x:xx). The first digit indicates which unit the error involves. For a complete overview of errorcodes, see 4.3 Error codes and problem solving.

Resetting the machine
After solving the problem the machine must be reset by pressing key 6. The error screen will disappear.

4.2 Clearing stoppages
Franking connection module
When stoppages occur at the franking connection module remove the material as follows:
• open the top cover as shown in fig. 6;
• pull and hold the handle C (fig. 7);
• turn the cylinder until it clicks while releasing the handle C;
• squeeze the bracket A and locking bracket B together and open the cylinder (fig. 8);
• remove the documents;
• close the cylinder;
• pull and hold the handle C (fig. 7);
• turn the cylinder back in position while releasing the handle C.

Reset the machine by pressing key 6.
### 4.3 Error codes and problem solving

<table>
<thead>
<tr>
<th>Description</th>
<th>Suggested solution</th>
<th>Error code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Errors involving the franking connection module (code 2:xx)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cover open</td>
<td>Close cover.</td>
<td>2:00</td>
</tr>
<tr>
<td>Error when starting up.</td>
<td>Remove envelope from franking connection module and reset the system.</td>
<td>2:02</td>
</tr>
<tr>
<td>Error while feeding envelop.</td>
<td>Envelope stoppage. Remove envelope from the sorting unit or exit area of the sorting unit.</td>
<td>2:03</td>
</tr>
<tr>
<td>Error in exit area.</td>
<td>Envelope stoppage. Remove envelope. Reset the system.</td>
<td>2:04</td>
</tr>
<tr>
<td>Communication error with sorting unit.</td>
<td>Check connection and replace connection cable if needed. Reset the system.</td>
<td></td>
</tr>
<tr>
<td>Unknown envelope detected.</td>
<td>Remove envelope. Reset the system.</td>
<td>2:11</td>
</tr>
<tr>
<td>Error involving rotor.</td>
<td>Remove envelope and reset the system.</td>
<td>2:12</td>
</tr>
<tr>
<td><strong>Errors involving the franking machine (code 3:xx)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Error in franking machine.</td>
<td>Solve the problem and reset the franking machine.</td>
<td>3:04</td>
</tr>
</tbody>
</table>
5. SPECIFICATIONS

This operator manual refers to machines as from serial numbers 00 CE-5007.

Machine specifications

Model: FC3
Type: Franking connection module

Overall dimensions
- Height: 320 mm (12.6 inch)
- Width: 545 mm (21.5 inch)
- Length: 340 mm (13.4 inch)

Weight: approx. 18.5 kg (40.7 lbs)

Noise level: < 75 dBA (A)

Theoretical max. speed: 4350 inserts p/h. (C5/6 envelop)

Operating temperature: 10°C - 40°C (50°F - 104°F)

Humidity: 30% - 80%

Power consumption: 1.7A max. 24V

Approvals: conforms to IEC 950 and derivatives.
UL listed ITE, File E153801
BS EN60950, File KM11322

Envelope specifications
Refer to operator manual IN-3.

DECLARATION BY THE MANUFACTURER

(Directive 89/392/EEC, Art. 4.2 and Annex II, sub B)

PROHIBITION TO PUT INTO SERVICE

Manufacturer: Neopost Technologies B.V.
Address: De Tijen 3
9201 BX Drachten
The Netherlands

Herewith declares that:
the FC-3:
- is intended to be incorporated into machinery or to be assembled with other machinery to constitute machinery covered by Directive 89/392/EEC, as amended;
- does therefore not in every respect comply with the provisions of this directive;
- does comply with the provisions of the following other EEC directives: EMC-directive 89/336/EEG, last modified
- the following (parts/clauses of) harmonized standards have been applied: EN 60950, EN 55022, EN 294, EN 292-1, EN 292-2
- the machinery into which it is to be incorporated or of which it is to be a component has been found and declared to be in conformity with provisions of Directive 89/392/EEC and with national implementing legislation, i.e. as a whole, including the machinery referred to in this declaration.

Drachten, 06-07-‘00

Note: this equipment has been tested and found to comply with the limits for class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.