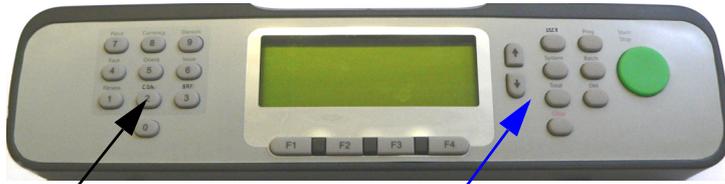


This Quick User Guide explains the more frequently used features of the Nvision note sorter. However, the features available will vary depending on the machine type and the detector packages fitted. Features that are only available on specific models will be identified with a number added to the feature name, these are explained on page 2 of this guide.

1. Display / Control Panel



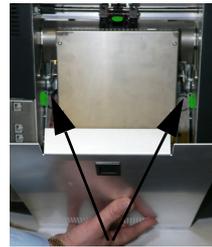
Process Selection

Function Selection

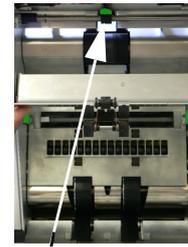
0	Zero	Returns you to standard note authentication.	Scroll arrow keys	Scrolling through display options.
1	Fitness ¹	Turns fitness sorting on or off.	User	Change operator or password.
2	CDA	Turns authentication off.	Prog	Save, load, delete programs.
3	BRF ¹	Turns on and off the Banknote Recycling Framework process.	System	Configuration or Version information.
4	Face	Facing the notes.	Batch	Batch totals.
5	Orient	Orientation of the notes.	Total	Details of count.
6	Issue	Issue splitting of the notes.	Det ¹	Switching on/off detectors and adjusting detector sensitivity.
7	Piece	Piece counting paper.	Clear	Clear information.
8	Currency	Selecting a currency.	Start/Stop	Manual start/stop key.
9	Denom	Selecting a denomination.	Function keys	Selecting functions from the display.

Note: Once in the BRF process, no other processes can be selected. You must have BRF switched off, to run the other processes.

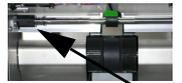
2. Feed Gap Adjustment



Moveable Plate release latches (Fig 1)



Feed guide release clip (Fig 2)



Feed gap adjuster (Fig 3)



Pull back and rotate

Feed gap adjustment is required for the following reasons:

- The counting of new or mint condition notes.
- The counting thin or poor condition notes.
- The counting of average condition notes.

The adjuster nut is graduated with numbers:	1	2	3	4
---	---	---	---	---

Remove the rear cover to adjust the feed gap on the machine.

Carefully press in both of the green moveable plate latches and slowly pull the assembly back towards you (Fig 1). Care point: You should always support this assembly as you lower it due to its weight.

Next, release the green feed guide clip and the feed guide will pivot down (Fig 2).

Now you can pull the feed gap adjuster nut towards the centre of the machine and rotate the nut in the required direction (Fig 3). The feed gap number selected must have the white arrow pointing towards it.

The default setting for the note feed gap is 3.

New or mint notes may require a slightly smaller gap to count than average notes (i.e. 2). Old notes may require a slightly larger gap than average notes (i.e. 4).

The higher the setting (i.e. 4), the larger the gap.

Adjust, then re-check the feed.

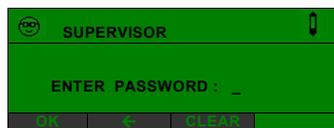
3. Powering up the Machine

Connect the mains lead to the socket on the rear of the machine.

Plug the machine's power lead into a mains socket and switch on the mains supply.

Switch on the machine's on / off switch. The machine will power up and complete a self test routine while the Nvision logo is being displayed. This may take about 20 seconds. At this time the lights on each stacker pocket will flash from red to green. Next select operator or supervisor mode by using the scroll key, then enter your password (if set) or press OK (F1) to go to the count display.

The machine will then automatically be configured to the operating settings that were previously saved for that user.



Note: If the display comes up with a warning, check that the metal tab on the top left hand side of the rear cover has activated the safety switch correctly See section "2.2 Machine Overview (Rear View)" on page 4" of the Nvision User Guide.

4. Stacker Pocket Indicator Lights

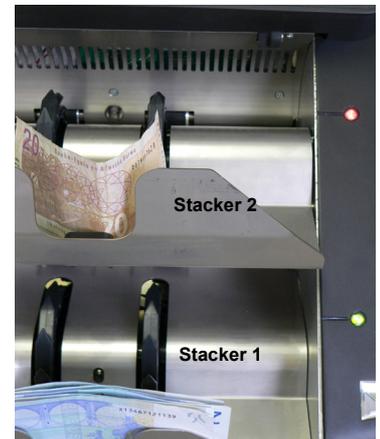
The stacker pocket indicator lights by the side of each stacker pocket will tell you what type of event has happened in each pocket.

A solid green light is for a correct and authenticated count (stacker 1). It can also apply to stacker 2, depending on the process you are using.

A flashing green indicates an authenticated count but has a note of the wrong denominational value in that count. (Not applicable in the BRF Process.)

A solid red light is for an un-recognisable note or is for an invalid count.

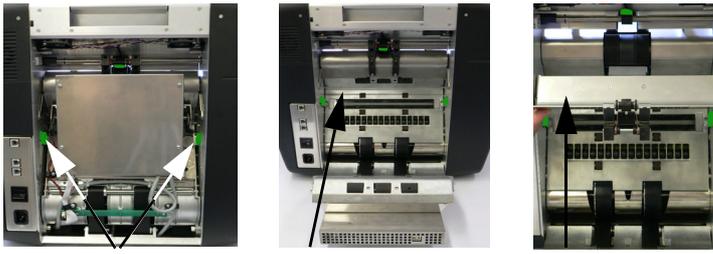
A flashing red light indicates a note that has failed an authentication check (stacker 2).



Note: For further information on all the different process and functions selections, see sections 4 and 5 of the Nvision User Guide.

Note: For display messages and error codes, See section "8 Display Messages and Error Codes" on page 65" of the Nvision User Guide.

5. Rear Note Path Access



Moveable Plate release latches (Fig 1) Transport path (Fig 2) Feed guide assembly (Fig 3)

First remove the rear cover to gain access to the rear note path.
 Carefully press in both of the green moveable plate latches and slowly pull the assembly back towards you (Fig 1 and Fig 2). Care point: You should always support this assembly as you lower it due to its weight.
 You now have access to any notes which may have got stuck in the rear transport path.
 If the notes are stuck between the feed rollers and the feed guide, release the green feed guide clip and the feed guide will pivot down (Fig 3). After the notes have been removed, re-secure the feed guide with the green clip and lift and lock the moveable plate back into place using the green latches.
 Please make sure both latches are secure.

6. Front Note Path Access



Stacker 2 release latches (Fig 1) Location posts / slots (Fig 2) Note diverter (Fig 3)

To gain access to the note path at the front of the machine, un-clip the left and right hand side latches on the underside of stacker pocket 2 (Fig 1). Now pull the stacker assembly slowly out towards you. It will rest on top of stacker pocket 1 (Fig 2).
 You now have access to the note path, belts, sensors, diverter and rollers (Fig 3).
 If you have to remove a note that is stuck behind the diverter, you will also have to lower the moveable plate at the rear of the machine. Then hand wind the belts backwards and remove the note from the rear.
 To return the stacker assembly back into position, carefully lift it up and make sure you locate the stacker assembly slots onto the two posts on each side of the machine. Then gently push it back in until you hear it click and lock into position (Fig 2).

7. BRF Sorting¹ (Banknote Recycling Framework)

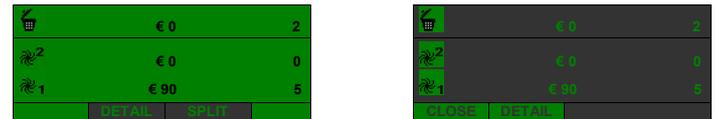
Place a bundle of single or mixed denomination notes on the feed hopper, the machine will start, count and authenticate the notes. It will also separate the BRF FIT notes into stacker pocket 1 and UNFIT genuine notes, suspect counterfeit notes and unrecognised banknotes into stacker pocket 2.
 If stacker pocket 2 only contains unfit genuine notes, the indicator light will be a solid green (Refer to section 9).
 If a suspect counterfeit note is in with unfit notes in stacker pocket 2, the indicator light will flash red (Refer to section 8).
 If an unrecognised note is in with the unfit notes in stacker pocket 2, the indicator light will be a solid red (Refer to section 8).

Stacker	Indicator light	Description	Displayed Value
2	Solid green	Genuine unfit note	Yes
2	Solid red	Contains unrecognised note	No
2	Flashing red	Suspect counterfeit note	No
1	Solid green	Genuine and fit note	Yes
1	Solid green	Genuine unfit note after Split	Yes
1	Solid red	Transport error, re-feed notes	No

Post processing of notes in stacker 2
 To find out why the notes were rejected to stacker pocket 2, refer to section 3.2.1 (stacker pocket indicator lights) in the user guide.

8. BRF¹ (Virtual Pocket Process)

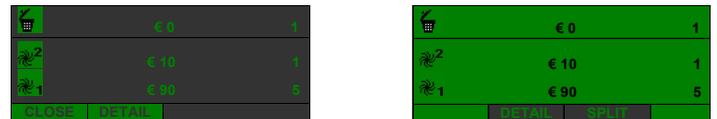
Below are typical count display shots for a solid red or flashing red indicator light. STACKER 1 SOLID GREEN / STACKER 2 SOLID OR FLASHING RED



1. If after feeding notes and a solid red or flashing red is shown on stacker 2. The display above will be shown. Press SPLIT.
2. Remove the FIT notes from stacker 1. Remove the UNFIT and suspect notes from stacker 2.



3. Re-feed the UNFIT and suspect notes from stacker 2.
- 3a. If you have not re-fed the notes within 5 seconds this display will appear. Press NO to continue the SPLIT. The Nvision will re-show display number 3.



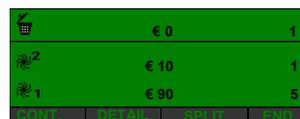
4. The notes have now been SPLIT. Authentic but UNFIT notes will physically be in stacker 1 but shown on stacker 2 of the display. Suspect notes will physically be in stacker 2 but shown as CULL on the display. Press CLOSE.
5. Remove the UNFIT notes from stacker pocket 1 and the suspect note from stacker pocket 2.

9. BRF¹ (Virtual Pocket Process)

Below are typical count display shots for solid green indication light on stacker 2. STACKER 1 SOLID GREEN / STACKER 2 SOLID GREEN



1. If after feeding the notes and a solid green light is shown on stacker 1 & 2. Remove the FIT notes from stacker pocket 1 and the UNFIT notes from stacker pocket 2. AUTO-ADD CULLS automatically adds the notes from the CULL display on a Solid Green light.
2. The operator can now CONTINUE the count, REMOVE stacker 2 notes from the total or END that current batch. If END is pressed the display will show: "READY FOR NEW BATCH".



6. Continue the count or END the current batch. If END is pressed, the display will show: "READY FOR NEW BATCH".

Additional Notes: Feature¹ These features are only available on machines fitted with Fitness Detection.