

7.0 CALIBRATION MENU

Allow 5 minutes warm-up time (power on) before attempting calibration. In SETUP MENU, change standby time to 10 minutes to stop the counter from switching off. When finished, reduce standby time to save battery power. Calibration should be performed while the counter is running on battery power.

Place the counter on a flat, stable surface. Do not lean or make contact with the surface during calibration. Make sure the room is free from excessive air drafts

- Press **▶◀** MENU key and select **OPTIONS**
- Select **CALIBRATION MENU** from the OPTIONS MENU

7.1 CALIBRATING SCALES

To maintain accuracy the counter can be calibrated using a precise 100g weight

- Select **CALIBRATE SCALES** from calibration menu
- Start calibration and follow screen prompts (*ESC key can be used to abort calibration at any time*)
- On completion, select one of two options:
If any banknotes or coins were previously calibrated, select **USER CALIBRATED**, otherwise select **FACTORY DEFAULT**

7.2 CALIBRATING SCOOP

To use a different scoop to the one supplied, it needs to be calibrated first.

- Select **CALIBRATE SCOOP** from calibration menu
- Start calibration and follow screen prompts

7.3 CALIBRATING PACKAGING ITEMS

Calibration requires between 10 and 100 samples of packaging items such as elastic bands, paper clips, etc. Use only elastic bands with consistent width and diameter.

- Select **CALIBRATE PACKAGE** and the type of package to be calibrated
- Select a sample quantity to be used for calibration
- Select used quantity (1-12, number of packaging items used to make a package)
- Start calibration and follow screen prompts

7.4 CALIBRATING BANKNOTES AND COINS

Please refer to a separate document: <http://www.noteandcoin.com/Downloads.html>

8.0 PRINT FUNCTIONS

- Press **PRINT** key to display the print options menu

Print Single Print running total for active denomination

Print Total Print the grand total

Print Menu Press ● **ENTER** key to view saved counts data or **PRINT** key to print it

Use < or > key to change between coins and banknotes screen

Press **PRINT** key to individually print a full breakdown of coins or banknotes

Auto Print Press ● **ENTER** key to toggle automatic print option

(Every time a count is registered, it will be printed automatically with current time & date)

9.0 POWER MANAGEMENT

The money counter can be operated from the internal battery or mains charger. The counter is not supplied with a charger and can be charged from a standard 5V-USB charger used for smartphones, tablets and similar devices via the USB cable supplied with the counter.

To prevent damage to personnel and equipment, use only reputable brand chargers like Apple, Samsung, etc.

To save battery power, banknote and coin counter will enter standby after a period of inactivity determined by the **STANDBY** setting. Select shortest practical standby time from the **OPTIONS MENU**.

LCD backlight uses significant amount of battery power. The backlight will be reduced after a period of inactivity determined by the **BACKLIGHT** setting. Select shortest practical backlight time from the **OPTIONS MENU**.



Note & coin N

User Guide: NCS15B (BM) banknote and coin counter

CURRENCY CODE	AUD	QTY	Value
	\$5	100	\$500
	\$10	100	\$1000
ACTIVE DENOMINATION	\$20	100	\$2000
	\$50	100	\$5000
	\$100	100	\$10000
	Menu		\$18500.00

Press to SWITCH ON
Press and hold to SWITCH OFF

Select required DENOMINATION

Select required COUNTING MODE

MAIN MENU

RESET MENU

1.0 COUNTING MODES

Money counters models **NCS15B** and **NCS15BM** have 9 counting modes, described in sections 1.1 to 1.9. The money counter must be operated in the correct mode to ensure proper counting. Counting modes can be enabled or disabled from appearing on the main screen.

Press **◀** MENU key, select **OPTIONS** and then **MODE SELECT MENU**

Use **▲** or **▼** keys to select and **●** ENTER key to enable or disable currently selected mode

1.1 COUNTING LOOSE BANKNOTES AND COINS

- Select **NOTES & COINS** counting mode using **▲** or **▼** key
- For counting loose banknotes refer to section 1.2
- For counting loose coins refer to section 1.7

1.2 COUNTING LOOSE BANKNOTES

- Select **LOOSE NOTES** counting mode using **◀** or **▶** key
 - Select the required denomination using **▲** or **▼** key
 - Place up to 100 loose banknotes of the same denomination on the note counter
 - Add more banknotes or remove some banknotes if necessary
- Final count will be registered when all the banknotes are removed from the note counter

1.3 COUNTING PACKAGED BANKNOTES - FLATS

10 banknotes of the same denomination retained with an elastic band, strap, clip, etc.

- Select **FLATS** counting mode using **◀** or **▶** key
 - Select the required denomination using **▲** or **▼** key
 - Place a pack of flats on the counter. Add or remove one pack at a time if necessary
- Final count will be registered when all flats are removed from the note counter
"NON-STANDARD QUANTITY!" warning will appear if a pack contains more or less than 10 banknotes
Packaging items such as elastic bands and others may have to be calibrated before use (section 7.3)

1.4 COUNTING PACKAGED BANKNOTES - BUNDLES

100 banknotes of the same denomination retained with an elastic band, strap, clip, etc.

- Select **BUNDLES** counting mode using **◀** or **▶** key
 - Select the required denomination using **▲** or **▼** key
 - Place a bundle of banknotes on the counter. Add or remove one bundle at a time if necessary
- Final count will be registered when all bundles are removed from the note counter
"NON-STANDARD QUANTITY!" warning will appear if a bundle contains < or > than 100 banknotes
Packaging items such as elastic bands and others may have to be calibrated before use (section 7.3)

1.5 COUNTING PACKAGED BANKNOTES – SLEEVES (SLEEVED BUNDLES)

100 banknotes of the same denomination retained with a paper or plastic strap

Operation is identical to Bundles above

Paper and plastic straps may have to be calibrated before use (section 7.3)

1.6 COUNTING PACKAGED BANKNOTES – BUNDLED FLATS

10 flats, each retained with one elastic band plus 2 elastic bands retaining the 10 flats

Operation is identical to Bundles above

Elastic bands may have to be calibrated before use (section 7.3)

1.7 COUNTING LOOSE COINS

To use a different scoop to the one supplied, it must first be calibrated (section 7.2)

- Select **LOOSE COINS** counting mode using **◀** or **▶** key
 - Select the required denomination using **▲** or **▼** key
 - Place either an empty scoop or scoop with coins on the coin counter
 - Add more coins of the same denomination or remove some coins if necessary
- Final count will be registered when the scoop is removed from the coin counter

1.8 COUNTING BAGGED COINS

Coins of the same denomination in a plastic bag

- Select **BAGGED COINS** counting mode using **◀** or **▶** key
 - Select the required denomination using **▲** or **▼** key
 - Place a single bag of coins on the coin counter
 - Add or remove one bag at a time if necessary
- Final count will be registered when all the bags are removed from the coin counter

1.9 COUNTING ROLLED COINS

Coins of the same denomination wrapped in paper

Operation is identical to Bagged Coins above

2.0 AUTOCOUNT FOR BAGGED AND ROLLED COINS

AutoCount allows automatic denomination recognition of standard bagged/rolled coins and will recognise bags and rolls that have up to 2 extra coins or short of 2 coins. AutoCount is only available for certain currencies.

To enable AutoCount:

Press **◀** MENU key and select **AUTOCOUNT**

Select **COIN RECOGNITION ON** and press **●** ENTER key

To use AutoCount:

- Select **BAGGED COINS** or **ROLLED COINS** counting mode using **◀** or **▶** key
- Place a standard coin bag or roll of any denomination on the coin counter
- Correct denomination will be recognised and displayed
- Add or remove one bag or roll at a time if necessary

3.0 AUTOSCROLL FOR TILL COUNTING

Automatically selects next or previous denominations after a count. Available for all loose counting modes

To enable AutoScroll:

- Press **◀** MENU key and select **AUTOSCROLL**
- Select direction of **Low to High** or **High to Low** denomination and press **●** ENTER key

4.0 CURRENCY (NCS15BM ONLY)

NCS15BM handles up to six different currencies simultaneously. The cash counter supports all major world currencies and is supplied with AUD, NZD, USD, CAD, EUR & GBR as standard. It can also be customised for any currency or a combination of currencies

To change currency:

- Press **◀** MENU key and select **CURRENCY**
- Select the required currency from the currency menu

5.0 NON-CASH ITEM COUNTER AND WEIGHING SCALES

- Press **◀** MENU key and select **SCALES**
- Press **◀** MENU key again to alternate between **ITEM COUNTER** and **WEIGHING SCALES**

5.1 ITEM COUNTER

- Press **▼** key to calibrate the items to be counted
 - Select sample quantity and start calibration
 - Place up to 3Kg of items to be counted on the item counter
- Final count will be registered when all items are removed from the counter

5.2 WEIGHING SCALES

- Use **◀** or **▶** key to change engineering units
- Place up to 3Kg of items to be weighed on the scales
- Use **▼** key to tare the scales if necessary