

Manual Shipping Plugin for Hikashop by Brainforge.UK

4.1 Valid Postcodes Options

A comma separated list of postcodes (e.g. UK).
Postcodes can be defined using PCRE regular expression character classes.

See: <http://php.net/manual/en/regexp.reference.character-classes.php>

This can be used to define a shipping method available in a number of different areas as shown in the following UK postcode example:

```
SW1[4-9],EX2[0-4],PL3\s,PL3[0-2],RG49,RG5[0-3],EC1A9BB
```

The `\s` (lower case) is used differentiate the PL3 area code from PL3? area codes.
I.E. PL3 without the `\s` will match all area codes PL3, PL30, PL31 through to PL39!

Postcodes can be comma (,) or space () separated. After saving they are returned space separated.
To include a space in a postcode you must use `\s` as described below.

Note that the following example is **not equivalent to the above** and will misbehave:

```
SW[14-19],EX[20-24],PL3,PL[30-32],RG[49-53],EC1A9BB
```

As normal regular expression syntax the backslash (`\`) has a special meaning.

The following are supported:

- `\s` A single space – as illustrated above
- `\d` A single number digit – e.g. `B\d` is equivalent to `B[0-9]`
- `\w` A single alphabetic character – e.g. `B\d` is equivalent to `B[A-Z]`

4.1.1 Ignore If Postcodes

The 'ignored if' feature requires the shipping methods in the administration listing to be correctly ordered, they are processed in the order displayed. If this feature is set to 'Yes' then the shipping method will not be available if a higher priority method (in display order) with a matching postcode is already available. The 'Valid postcodes' field can be left empty.

4.1.2 Complex Postcode Criteria (PCRE Regular Expressions)

The criteria shown above are only simple examples of what is possible, and are suitable for many situations. A more complex criteria to exclude most Scottish Islands & Highlands, Shetland, Isle of Man and Northern Ireland could look like this:

```
(?!AB3[1-8]|AB4[0-9]|AB5[0-6]|BT|IM|IV|KA[1-9]|KA1[0-9]|KA2[68]|KA[3-9][0-9]|KW[0-9]|PA[2-9]|PH[4-9]|ZE)
```

This is a simple illustration showing how such a criteria might be used

Name	Price	Restrictions
Most UK Postcodes	£ 10.00	Postcodes : (?!AB3[1-8] AB4[0-9] AB5[0-6]...
Shetland, Isle of Man, Northern Ireland	£ 20.00	Postcodes : BT IM ZE
Scottish Islands and Highlands	£ 30.00	Ignore method if postcodes previously mat... Postcodes : [A-Z]

Specific configuration

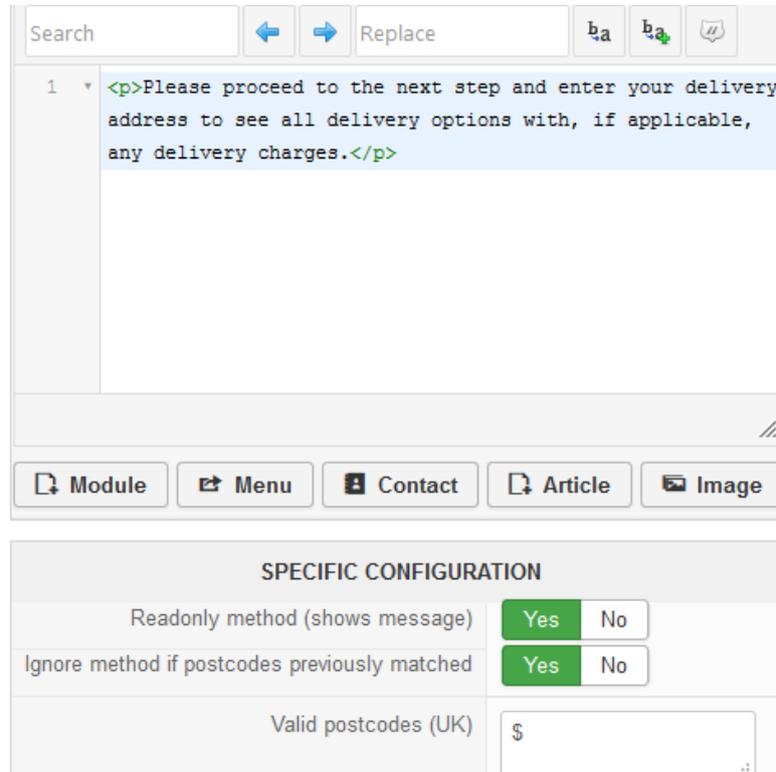
Valid postcodes (UK)

Ignored if postcodes match elsewhere Yes No

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4.1.3 Matching no Postcode in Address Scenario

This can be achieved by entering a single dollar (\$) for the postcode as shown in this scenario. Such a *Read Only* shipping method may, depending on your Hikashop checkout configuration, appear when the customer first enters the checkout and their shipping address is not known. Such a scenario can be useful if you have *No Shipping Method found* messages when first entering checkout.



4.1.4 Matching any Postcode

Any of the following postcode criteria can be used to match an address containing a postcode.

- [A-Z] Postcode contains an alphabetic character (e.g. UK).
- [0-9] Postcode contains a numeric character (e.g. UK and elsewhere).
- !\$ i.e. the opposite of matching no postcode as in 4.1.3

4.1.5 Matching both any Postcode or no Postcode

The following postcode criteria will match any address regardless of whether it does or does not contain a postcode. Often used with the *Read Only* shipping method feature as a catch all criteria.

- \$,[A-Z] The comma separator is equivalent to a space.

4.1.6 UK Postcodes for Scottish Islands, Highlands and Offshore Locations

These postcode criteria maybe useful if you have difficulty delivering to some of these.

- AB3[1-8] AB4[0-9] AB5[0-6] BT GY IM IV[1-9] JE
- KA[1-26] KA[28-99] KW[1-9] PA[2-9] PH[4-9] PO3[0-9] PO4[0-1] ZE

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4.2 Administrator Plugin Listing

When using the Valid Postcodes feature a summary of the valid postcodes will appear in the *Restrictions* column of the *Shipping Methods* listing. You can click on, or hover over, the summary to show a listing of all the valid postcodes.

Above the postcode method listing there is an additional *Enter Postcode* search field. You can use this to test your postcode criteria – enter a postcode (or first part) and see if the available shipping methods listing meets your expectations.

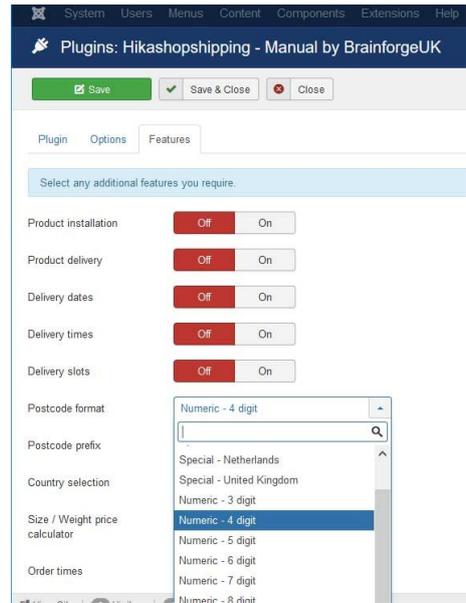
#	<input type="checkbox"/>	Name	Price	Restrictions
1	<input type="checkbox"/>	Most UK Postcodes	£ 10.00	Postcodes : (?!AB3[1-8] AB4[0-9] AB5[0-6]...

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4.3 Numeric Postcodes

These work the same way as described above except that:

- They can be used with the built-in Hikashop minimum / maximum postcode restriction.
- A negate feature allows all postcodes in the minimum / maximum restriction EXCEPT for those listed.



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4.3.1 Numeric Postcode Negate Feature 1

To enable this feature place an exclamation mark at the beginning of your postcode list followed by a space.

In this example the shipping method will be available for all postcodes in the range 2000 to 2800 (see minimum / maximum postcodes in the restrictions section) EXCEPT FOR postcodes 2524 and 2677. Regular expressions (see above) can also be used.

The screenshot shows the configuration interface for the shipping plugin. At the top, there are buttons for 'Save & Close', 'Save', and 'Cancel'. Below this is a text editor with the character 'p' and a 'Toggle editor' button. The 'Specific configuration' section includes a toggle for 'Ignore method if postcodes previously matched' (set to 'Yes') and a text field for 'Valid 4 digit numeric postcodes' containing '!2524 2677'. Below this is a 'Help' button. The 'Restrictions' section is checked and contains several fields: 'Zone', 'Currency', 'Warehouse', 'Minimum weight' (0 kg), 'Maximum weight' (0 kg), 'Minimum volume' (0 m), 'Maximum volume' (0 m), 'Prefix', 'Minimum post code' (2000), and 'Maximum post code' (2800).

Valid 4 digit numeric postcodes field = !2524,2677

Note the space after the exclamation mark!

Minimum post code field = 2000

Maximum post code field = 2800

4.3.2 Numeric Postcode Negate Feature 2

This similar to *Numeric Postcode Negate Feature 1* described above except that you do not need to enter the postcode range in the *Restrictions* section. This can make future maintenance easier as all the postcode criteria will be on one place.

The equivalent *Valid 4 digit numeric postcodes field* value will be =

!2524 !2677 2[0-7][0-9][0-9] 2800

Note there must be no space after any of the exclamation marks!

The postcodes are processed from left to right.

Postcodes get rejected first before any valid matches are found.

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4.4 Netherlands Postcodes

This screenshot illustrates a few possibilities.

#	<input type="checkbox"/>	Name	Price	Restrictions
1	<input type="checkbox"/>	Test 1 : Rotterdam		Postcodes : 3022\sHL 3024\sCD 3024\sE...
2	<input type="checkbox"/>	Test 2 : Rotterdam		Ignore method if any postcodes previously ... Postcodes : 3011 3025 3026 3027 3028 30...
3	<input type="checkbox"/>	Test 3 : Arnhem		Postcodes : 6812\sAR 6812\sDV
4	<input type="checkbox"/>	Test 4 : Arnhem		Ignore method if any postcodes previously ... Postcodes : 6812\s[A-Z][A-Z] 6813\sCH 6...
5	<input type="checkbox"/>	Test 5 : Arnhem		Ignore method if any postcodes previously ... Postcodes : 6811 6812 6813 6814 6815 68...

Postcode	Available Shipping Method
3011 AA	Test 2
3022 HL	Test 1
6812 AR	Test 3
6812 AA	Test 4
6813 CH	Test 4
6813 AA	Test 5

In **test 2** postcodes 3025 3026 3027 30... are all entered separately.
It is often better to simplify such to : 302[5-9]

Similarly in **test 2** instead of entering 6811 6812 6813 6814 68...
Simplify this to : 681[0-9]

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5 Useful Information

5.1 Postcode Example for Scottish Highlands & Islands

AB3[1-8] AB4[0-9] AB5[0-6] IV[1-9] KA1 KA[3-9] KA2[0-6] KA2[89] KW[1-9] PA[2-9] PH[4-9] ZE

This matches all KA except KA27!

5.2 Postcode Example for UK Islands

GY JE IM