



# ABN-AMRO iDEAL Integration

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August 2015

Version 1.0

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## Introduction

This document will guide you through configuring your ABN-AMRO account in order to allow payment processing with iDEAL on your Online Booking website.

*To follow this guide, you may wish to set the language to English while on ABN-AMRO's website. This can be done on the menu in the top-right, by clicking the "EN" button.*

## Configuring your ABN-AMRO account

### Step 1 – Log into your ABN-AMRO account

Proceed to <https://internetkassa.abnamro.nl/Ncol/Test/BackOffice/login/index> to log into your account.

*If you do not have an account set up, contact ABN-AMRO to get the process started.*

### Step 2 – Ensure your test account is active

On the main page, you may see a list of steps to perform before your test account becomes active. Follow the instructions and contact ABN-AMRO directly if you require any assistance.

*Once you see "Congratulations! Your test account is now active!" listed under "Informative steps", you should be ready to proceed.*

### Step 3 – Set your website address

On the main menu, hover over Configuration, and then click Account. In the "Your administrative details" tab (selected by default), find the "Website address" field, and set it to: [https://<your\\_track>.clubspeedtiming.com/booking/cart](https://<your_track>.clubspeedtiming.com/booking/cart) – Replace <your\_track> with your track's subdomain. Click "SAVE" when you are finished.

*This controls where users are sent back to when they click "Return to merchant page" on ABN-AMRO's checkout page.*



## Step 4 – Set the Default operation code to Sale

On the main menu, hover over Configuration, and then click Technical information. Click the “Global transaction parameters” tab. Set the “Default operation code” to “Sale”, then click “SAVE” when you are finished.

*This ensures that customers are charged before the Online Booking process flags their checks as paid and, if applicable, reserves spots for them in a race.*

## Step 5 – Set Global security parameters

On the main menu, hover over Configuration, and then click Technical information. Click the “Global security parameters” tab. Then, configure the following settings:

- Set “Compose the string to be hashed by concatenating the value of” to “Each parameter followed by the passphrase.”
- Set “Hash algorithm” to SHA-1.
- Set “Allow usage of static template” to “No”.
- Set “Allow usage of dynamic template” to “No”.

Click “SAVE” when you are finished.

*These settings ensure that the Online Booking website can communicate with ABN-AMRO's API and that ABN-AMRO can authenticate the information coming in.*

## Step 6 – Set the “SHA-IN” pass phrase

On the main menu, hover over Configuration, and then click Technical information. Click the “Data and origin verification” tab. Set the “SHA-IN pass phrase” to any password or passphrase you would like. It must be at least 16 characters, contain four different characters, including at least one letter, one number, and one symbol. **Save this pass phrase – you will need to enter it into Club Speed's Admin Panel later in this document.** Click “SAVE” when you are finished.

*Note: This pass phrase will need to be changed and updated, both on ABN-AMRO's site and in Club Speed's Admin Panel, when you transition from a test account to a production account. ABN-AMRO will not allow you to use the same pass phrase for testing and production.*



## Step 7 – Set the “SHA-OUT” pass phrase and other settings

On the main menu, hover over Configuration, and then click Technical information. Click the “Transaction feedback” tab. Then, configure the following settings:

- Check the box next to “I would like to receive transaction feedback parameters on the redirection URLs.”
- Set “Timing of the request” to “No request.”

Then, set the “SHA-OUT pass phrase” to any password or passphrase you would like. It must be at least 16 characters, contain four different characters, including at least one letter, one number, and one symbol. It should be different from the “SHA-IN” pass phrase you set before. **Save this pass phrase – you will need to enter it into Club Speed's Admin Panel later in this document.** Click “SAVE” when you are finished.

*Note: This pass phrase will need to be changed and updated, both on ABN-AMRO's site and in Club Speed's Admin Panel, when you transition from a test account to a production account. ABN-AMRO will not allow you to use the same pass phrase for testing and production.*

*Once you have completed the above tasks, proceed to the next section.*



## Configuring your Online Booking website

### Step 1 – Log into the new Admin Panel

Log into the Admin Panel, located at [http://<your\\_track>.clubspeedtiming.com/admin](http://<your_track>.clubspeedtiming.com/admin) – please replace <your\_track> with your subdomain.

### Step 2 – Setup your Online Booking website (if necessary)

If this is your first time using your Online Booking website, refer to the “Documentation” link under “Online Bookings” and follow the instructions to set it up. Feel free to perform tests using the “Dummy” payment processor.

### Step 3 – Setup your Online Booking Payment Processor settings

Once you are ready to start testing the ABN-AMRO iDEAL integration, click the “Payment Processors” tab of the “Online Bookings” section.

Then, select “iDEAL” from the Payment processor dropdown.

Then, enter the following fields:

- pspId – this is your iDEAL/ABN-AMRO login name.
- currency – this will be “EUR” in most cases.
- language – this will be “nl\_NL” in most cases, but may also be “en\_US”
- shaIn – this is what you entered in Step 6 above, for “SHA-IN”.
- shaOut – this is what you entered in Step 7 above, for “SHA-OUT”.
- testMode – this should be set to “1” during testing, and “0” when in production.

Click “Apply Changes” when you are finished.

*You are now ready to test Online Booking using iDEAL in test mode. Try a few test transactions. Once you are happy with the results, proceed to the next section.*



## Switching from Test Mode to Production Mode

When you are ready to switch your ABN-AMRO account to production mode, please follow these steps:

### Step 1 – Log into your ABN-AMRO account

Proceed to <https://internetkassa.abnamro.nl/Ncol/Test/BackOffice/login/index> to log into your account.

### Step 2 – Switch your ABN-AMRO account to production mode.

On the main menu, hover over Configuration, and then click “Create production account”. Then, click the “TRANSFER” button.

*If you are asked to perform any other steps to finalize your account, perform them to the best of your ability. If you require further assistance, contact Club Speed Support at [support@clubspeed.com](mailto:support@clubspeed.com), or via telephone at 877-751-3200.*

### Step 3 – Change your “SHA-IN” and “SHA-OUT” settings in ABN-AMRO.

*Production mode requires different SHA-IN and SHA-OUT settings than test mode. In fact, ABN-AMRO will change them for you if it detects they're the same. You'll need to update them both on the ABN-AMRO site and also on the Club Speed Admin Panel.*

On the main menu, hover over Configuration, and then click Technical information. Click the “Data and origin verification” tab. Set the “SHA-IN pass phrase” to any **new** password or passphrase you would like. It must be at least 16 characters, contain four different characters, including at least one letter, one number, and one symbol. **Save this pass phrase – you will need to enter it into Club Speed's Admin Panel later in this document.** Click “SAVE” when you are finished.

Afterwards, click the “Transaction feedback” tab.

Then, set the “SHA-OUT pass phrase” to any **new** password or passphrase you would like. It must be at least 16 characters, contain four different characters, including at least one letter, one number, and one symbol. It should be different from the “SHA-IN” pass



phrase you set before. **Save this pass phrase – you will need to enter it into Club Speed's Admin Panel later in this document.** Click "SAVE" when you are finished.

#### **Step 4 – Change your "SHA-IN" and "SHA-OUT" settings in Club Speed.**

Log into the Admin Panel, located at [http://<your\\_track>.clubspeedtiming.com/admin](http://<your_track>.clubspeedtiming.com/admin) – please replace <your\_track> with your subdomain.

Click the "Payment Processors" tab of the "Online Bookings" section.

Then, select "iDEAL" from the Payment processor dropdown.

Then, update the following fields:

- shaIn – this is the **new** "SHA-IN" you just entered above.
- shaOut – this is the **new** "SHA-OUT" you just entered above.
- testMode – set this to "0" now that you are ready to be in production mode.

Click "Apply Changes" when you are finished.

*Your website should now be live. ABN-AMRO may require additional steps to be performed. If you require further assistance, contact Club Speed Support at [support@clubspeed.com](mailto:support@clubspeed.com), or via telephone at 877-751-3200.*



## Troubleshooting / Frequently Asked Questions

### **Where can I find information on the cause of errors?**

If, during testing or production, you encounter any sort of errors, they will appear in the Error Logs within your ABN-AMRO account. To access these, log into your account, hover your mouse over "Configuration", then click "Error logs".

For a description of each possible error, please see the following link: <https://support-internetkassa-abnamro.v-psp.com/en/guides/integration%20guides/possible-errors>

### **I'm having a problem not described here!**

Please contact support at [support@clubspeed.com](mailto:support@clubspeed.com), or via telephone at 877-751-3200.