

**User Manual** 

olivier 18/03/2015

#### **INTRODUCTION**

We thanks you to have bought this module developed by Oleacorner

We've done our best to have this module ac functional and as stable as possible.

Nevertheless, before placing it on your production site, it is your responsibility to test it in test and preproduction to verify that it corresponds to your need and that you understand its behaviour.

We can't be responsible of any damage exploiting this module.

This module is delivered as Open-Source. All rights are the exclusive belonging of Oleacorner.

You can modify it to adapt it to your exact need.

You are granted for a license of usage on a unique web site. You are not allowed to install it on several sites.

You are not allowed to redistribute it, modified or not, whatever the way of redistribution.

#### CONTACT

For any question, assistance, trouble report, feature evolution, you are requested to contact Oleacorner:

Web site : www.oleacorner.com

E-mail: contact@oleacorner.com

### **PRÉSENTATION**

#### PRESTASHOP BEHAVIOR

Up to its 1.4 version, Prestashop provides few ways to manage commercial offers to your customer.

Its proposes promotions between 2 dates, reductions by quantity, discount per customer group, free shipping costs under conditions, management of vouchers, management of loyalty points.

#### MAXI-PROMOS MODULE PURPOSE

This maxi-promos module enhances the ways to manage commercial offers

In Back-Office, you define rules to apply in your e-shop.

When a customer navigates on the front-office, on each cart content modification, the module evaluates which rules have to be applied et automatically adds or removes vouchers in the cart, with appropriated amount.

You can also display a message in the product pages for which rules apply.

#### **INSTALLATION**

#### ZIP CONTENT

The zip file contains the module compatible with Prestashop version 1.5 and following.

The zip file has a main directory, 'oleamulitpromos', representing the module itself. It contains sub-directories:

- 'Patches': contains copy of core files to be patched manually
- 'override': automatically applied into the global override directory during installation. In case of conflict with existing files, installation is to be done manually

#### **MODULE INSTALLATION**

The module respects the nominal Prestashop module installation mechanism. Copy the 'oleamultipromos' directory of the delivery into the 'modules' directory of you Prestashop installation or upload the zip file of the module through the 'module' tab in Back-Office.

Module is then visible in the 'Modules' Back-Office pane. Install it with its 'Install' button.

This module installs a new sub-tab in back-office: "Promotions>>Maxi-Promos". No configuration is needed from the configuration pane of the module.

To be fully functionnal, some core files of Prestashop have to be modified. In its configuration pane, the module displays warning in case it estimates the modification are not done.

For prestashop 1.5:

- CartRule.php override
- AdminCartRule.php admin controller (optional)

All the modifications are given hereafter. Report the modification corresponding to your Prestashop version.

Warning: the copy-paste between this document and your files may introduce unexpected carrier-returns that alter the code. You can copy the code from the files available in the /patches/ directory of the module.

#### **MODULE UPGRADE**

In case you want to upgrade the module from a previous version, you don't need to uninstall the previous version. As for the installation, copy the module directory onto the modules directory of your server or upload the zip file. Then activate the new version from the configuration pane of the module. Your configuration won't be lost.

Check the core file modifications that have to be done, to be sure they correspond to the new module version.

Take care also to the \*.tpl and \*.css you may have modified in the previous version.

#### CORE PATCHES FOR PRESTA 1.5

#### CARTRULE.PHP:

The CartRule.php file must be overriden so that the module is correctly called.

During module installation, the Prestashop core should automatically copy the content of the file /modules/oleamultipromos/override/classes/CartRule.php into file /override/classes/CartRules.php.

If the copy is not correctly done, a warnign is displayed in the module configuration page. You then have to do the copy by yourself.

#### ADMINCARTRULECONTROLLER.PHP:

A modification of the file /controllers/admin/AdminCartRuleController.php can be optionnally done. As the module creates cart rules, this modification adds a column in the cart rules list, indicating if the cart rule is generated by the maxi-promo module or not. This modification is available in the file /module/oleamultipromos/patches/presta1.5/controllers/admin/AdminCartRuleController.php, looking for the string « Oleacorner ».

#### **CONFIGURATION IN BACK OFFICE**

#### LISTING PAGE

#### LISTING

The configuration page is under the « Catalog>>Maxi-promos » tab. This page lists all the rules you define.

The rules order, following the 'Position' column is very important: the module goes through each rule in this order when the cart content is modified.

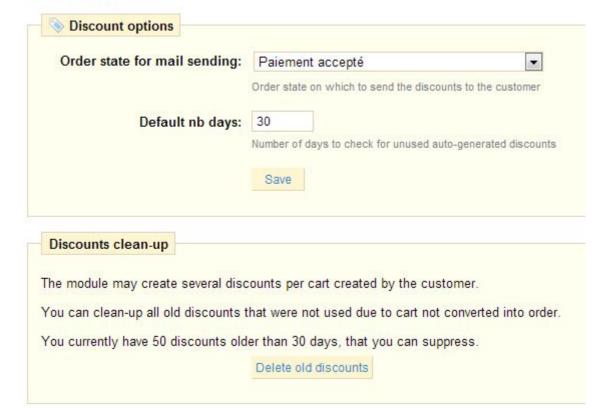
When a rule is verified, the 'Other' and 'Allows Fam.' column indicate if the following rules must be evaluated or not (see next chapter for explanations).

The 'Add new' button adds a new rule. A click on a line modifies the rules.

#### **GLOBAL CONFIGURATION**

The module main page proposes some global configuration.

# Discount options



**Order state for mail sending**: rules may be configured so that the discount is not applies to the current page but sent by email. This field indicates which state of the order sends the emails to the customer. This allows to be sure the order is paid before sending the discount.

Discounts clean-up: the module creates 'standards' vouchers for each customer navigating in the front office. Through the clean-up, you can suppress all old discounts that are not used. The '*Default nb days*' parameter specifies the age of the old discounts.

#### CONFIGURATION PAGE OF ONE RULE

The configuration page is composed of a top part and of several tabs.

The top part defines the general information of the rule.

The 'Global criteria' tab defines the global criteria for the rule activation.

The 'Products criteria' tab defines criteria for cart content detection.

The 'Amount computation' tab defines the way to compute the discount.

The 'Communication' tab defines the messages to be displayed on the product pages.

The 'Mail' tab defines the parameters for the discount sent by email.

The 'Comments' tab stores some personal information on the rule.

When you create or modify a rule, you have to verify in front-office that it behaves likes you think to have defined it. Configuration combination are multiple, you must verify rules applies like you want.

#### TOP AREA

The top area is composed of several parts:



Name: a name to identify the rule. It appears only in back-office, in the rules list.

Status: Activation status of the rule. You can desactivate a rule, without disconfiguring it.

**Discount description**: multi-languages field. It contents the description of the voucher that is displayed in the order summary.

**Family**: the rules may be grouped by family. This field represents the name of the family to which the rule belongs to. If you let it empty, this means 'no family'.

Allows others: When the rule is verified, indicates if the following rules must be evaluated or not.

**Allows other of family**: When the rule is verified, indicated if the following rules of the same family must be evaluated or not.

When a rule is verified (meaning the criteria are meet to offer the discount), the following rules are evaluated depending of this table:

		Allows others of the family							
		Yes	Non						
Allows others	Yes	The following rules are evaluated	Following rules of other family are evaluated Following rules of the same family are no evaluated.						
	No	No following rules is evaluated							

#### **GLOBAL CRITERIA TAB**

This tab defines global criteria for the rule.

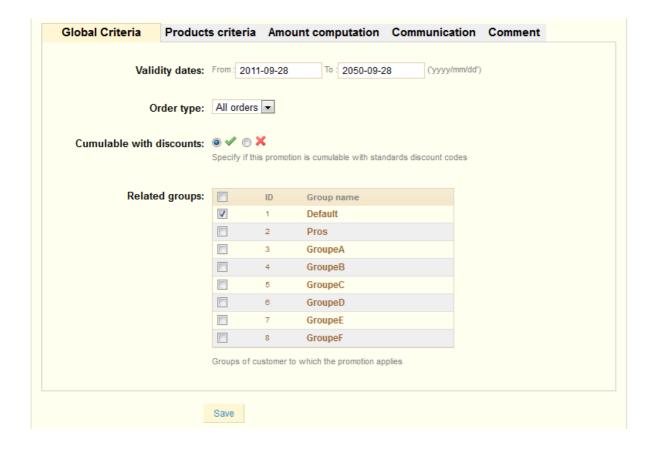
*Validity dates*: specifies the dates between which the rule applies. By default, the duration is 1 year. End date is excluded.

*Order type*: indicates on which kind of order the rule applies.

- All orders : any order placed by the customers
- First order: applicable only on the first order placed by a customer
- Re-order: applicable to orders different of the first one.

Cart Rule Priority: Priority of the cart rules created by the module.

**Customer groups**: indicates to which customer groups the rule applies.



#### PRODUCTS CRITERIA TAB

This tab defines the rules to detect cart content. The evaluation of the discount amount is done only when these criteria are verified.

*Criteria type*: indicate the detection type of the cart content:

- Total amount: detects products following their global amount
- Products number: detects the products following their numbers

Computed by: indicates how to select the products to detect the amount or numbers

- Category: select any product of the given categories
- Product : select only identical products
- Product combination: select only identical combination

**Products amount**: associated to type 'total amount', it indicates which products amount must be detected in the cart.

**Amount computation**: associated to type 'total amount', it indicates if the amount is specified with or without taxes.

**Products number**: associated to type 'Products number', it indicates the number of product to be detected in the cart. Note: each instance of the same product is included in the total.

**Repetitions**: indicates who many times the mount or the number of products must be computed. The discount amount will be applied this number of times.

- At least: detects only one time the amount or the number of products.
- Every: detects the maximum number of times possible.
- Max: detection as 'every', but limited a number of Max time (max specified in the input boxes that appears).

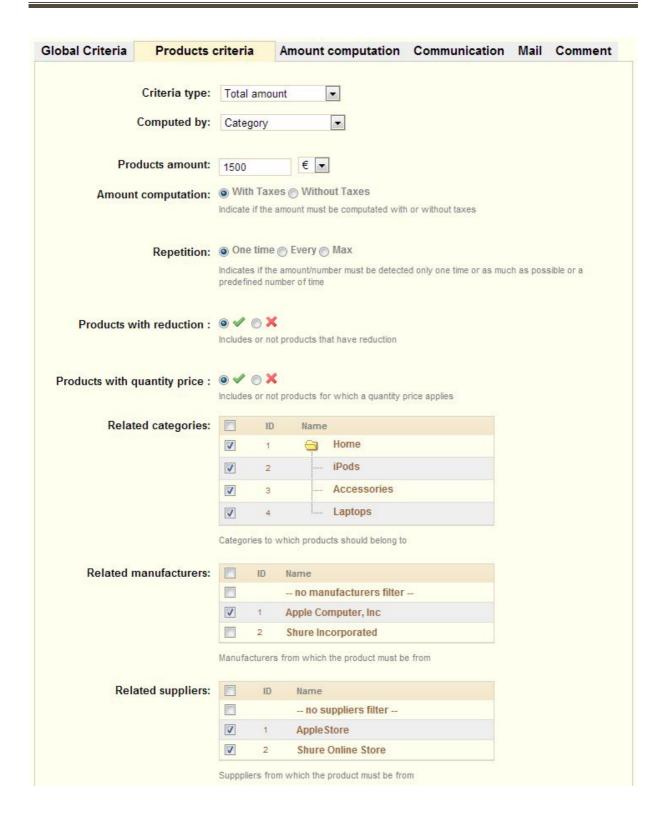
**Products with reduction**: indicates if products with reductions must be included or not in the amount or number computation.

**Products with quantity price**: indicates if products for which a quantity prices applies, must be included or not in the amount or number computation.

**Related categories**: only the products belonging to these categories are included in the amount or number computation.

**Related manufacturers**: only the products belonging to the selected manufacturers are included in the amount or number computation.

**Related suppliers**: only the products belonging to the selected suppliers are included in the amount or number computation.



#### AMOUNT COMPUTATION TAB

This tab 'Amount computation' indicates how to compute the discount amount when global and products criteria are verified. In this tab, you select the products to which to discounts applies and the king of reduction.

Attribution type: indicates the type of attribution

- Percentage: percentage on the selected products
- Amount: amount of reduction per selected products
- Amount per price range: discount amount per price range of products detected by the criteria categories, without selection of products to which attribute the reduction
- Free shipping: shipping cost of the cart is offered (not the shipping cost of the selected products)
- Final price: reduction computed so that the final price of the product is a given one, whatever their initial price (ex: 3 products for 10€ each, whatever their initial price)

**Discount percent**: indicates the percentage value to apply (for percentage type).

#### Discount amount:

- For the Amount and Amount by price range type, represents the amount of the discount.
- For the Final Price type, represents the expected price for one produit.

**Amount taxes included**: indicates if the amount is specified with or without taxes. The conversion with/without taxes is done on the average taxes percent of the cart.

**Number of impacted products**: through this field, the reduction may be attributed to several products. In general, its value is 1, meaning that only the less costly product of the selected ones has the discount. If it is equal to 2 (or 3, 4...), this means 2 (or 3, 4...) products have the discounts. Set it to 0 to impact all the products of the selection

**Block cart line**: when a cart line contains several items, if at least one of them is covered by the promotion rule, then this parameter allows to decide that the other items can't be impacted by other promotion rules.

**Number of cart lines required**: By default, the module computes the reduction based on all lines returned by the criteria filter. This parameter allows to apply the reduction when the number of returned lines by the filter is higher than a given number. In such case, only this number of lines with higher prices are taken into account for the reduction computation.

Products with reduction: indicates if products with reduction may be attributed a discount

**Products with quantity price**: indicates if products for which quantity price applies, may be attributed a discount

**Products of criteria**: if set to TRUE, the products list used for the amount computation is the one computed by the criteria. If set to FALSE, this list is re-computed, regarding the products with reduction, the categories, the suppliers and the manufacturers.

**Same categories as criteria**: indicates if products for discount attribution must be selected in the same categories than the one of the products criteria or in other ones.

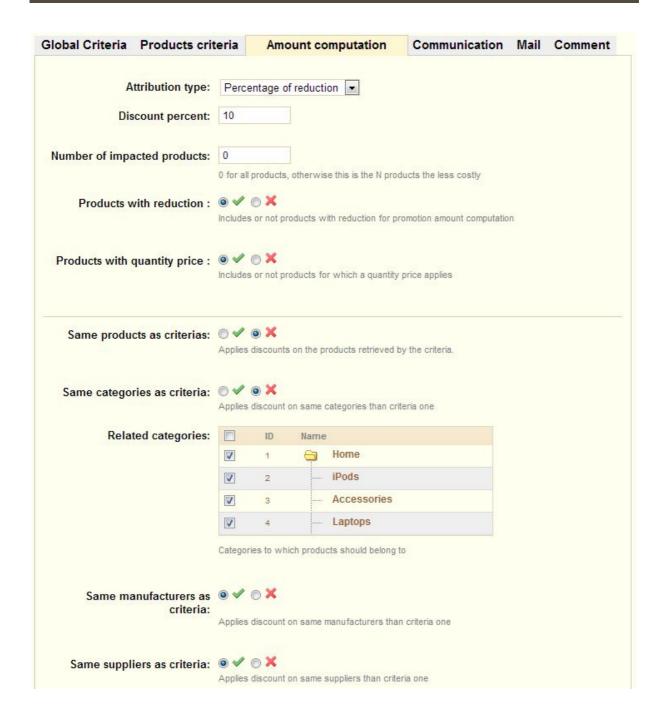
**Related categories**: Categories to which the selected products for attribution must belong to, if not the same categories list than the products criteria ones.

**Same manufacturers as criteria**: indicates if products for discount attribution must be selected in the same manufacturers list than the one of the products criteria or in other ones.

**Related manufacturers**: Manufacturers to which the selected products for attribution must belong to, if not the same manufacturers list than the products criteria ones.

**Same suppliers as criteria**: indicates if products for discount attribution must be selected in the same suppliers list than the one of the products criteria or in other ones.

**Related suppliers**: Suppliers to which the selected products for attribution must belong to, if not the same suppliers list than the products criteria ones.



#### **COMMUNICATION TAB**

This tab proposes 2 multi-langages input areas.

**Product Extra Right hook**: message to be display in the hook extra right part of the product page (under the prices area)

**Product footer hook**: message to display in the hook product\_footer of the product page. This area is just above the products.

These messages are displayed only if the rules applies to the product currently displayed.

Tags may be used in these messages. Their values are dynamically computed when the product page is displayed. You can then displayed the number of product implied in the reduction, the amount or percentage of reduction, the initial/final price of the product.



#### MAIL TAB

Through this Mail tab, you decide if the vouchers must be added in the current cart of the customer or if they are sent by email to be used on a next order.

#### Discount affectation method:

- Into current cart: the discounts are automatically added into the current cart of the customer
- Sent by e-mail: the computed discounts are sent by e-mail to the customer, so that he uses them on a coming order. All the parameters hereafter must be configured. The e-mail is sent when the order reaches the state configured in the global parameters of the module.

Type: Type of the voucher sent by e-mail

- Computed amount: voucher by amount, whose amount is computed by the 'Amount computation' tab
- Discount on order(%): discount in percentage
- Discount on order(amount): discount in amount
- Free shipping: shipping fees offered

Value: amount or percentage of the voucher sent

**Description**: description of the voucher (like standard voucher definition)

*Message*: message displayed in the e-mail, as well as in the order summary page, explaining the conditions in which to use the voucher.

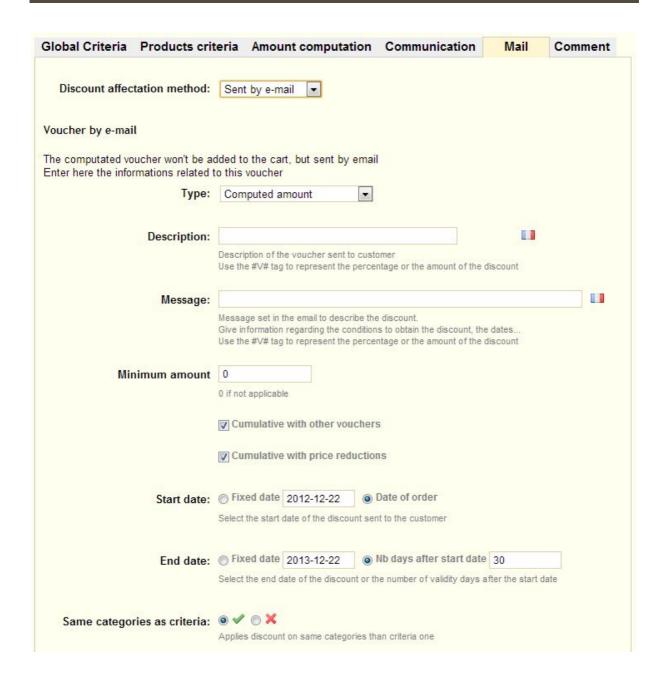
Minimal amount: minimal amount of the order on which to use the voucher (as standard definition)

**Start date**: start date for the validity of the voucher, either a predefined date, either the date of order validation.

**End date**: end date for the validity of the voucher, either a predefined date, either a number of days after the start date.

#### Same categories than criteria:

- If TRUE, the voucher is usable on the same categories than the criteria ones
- If FALSE, select the categories on which the voucher applies in the list just below.



#### **COMMENT TAB**

You can store any personal information related to the rule in this tab. This information is not used by the module.

#### **RULES EVALUATION PRINCIPLE**

#### **EVALUATION**

When a customer navigates onto the Front\_office, the module re-evaluates the rules each time the cart content is modified: addition, deletion or quantity modification of a product, addition or deletion of vouchers.

The module then goes through all the rules in the order defined by the 'Position' column.

For each of them, it firstly verify the global criteria (dates, customer groups and command type).

It then selects in the cart all the products that meet the products criteria.

If both of these criteria are verified, it computes the reduction amount, following the 'Amount computation' configuration:

#### For amount or percentage:

If the reduction applies to products in the same categories than the criteria ones, it applies it on the 'number of impacted products' cheaper products selected by criteria and repeat this amount 'repetition' times.

If the reduction applies to categories others than the criteria ones, it selects products in the cart that belong to these categories and applies this reduction on the 'Number of impacted products' cheapest products, repeating 'repetition' times.

#### For amount by price range:

The reduction amount is applied 'repetition' times.

#### For free shipping:

No reduction amount is computed. The module generates a voucher offering the shipping costs.

#### For Final Price:

The reduction amount is computed so that the final price of the products is the specified one.

#### To be noticed:

The customers that are not connected into their account in front-office have the promotion application to the default group. As soon as he connects, the rules are re-evaluated and he gets the promotions of his group.

#### **VOUCHERS MANAGEMENT**

The rules defined in this module create vouchers that are compatible with the standard vouchers you may define through the tab 'Payment>>Vouchers'.

The vouchers management follows the following principle:

- If a voucher, defined as 'not cumulative with other vouchers', is present in the cart, then no rules of this module applies.
- If a voucher, defined as cumulative with other vouchers, is present in the cart, then only the rules with global criteria 'cumulable with discounts' may be applied.
- The rules 'not cumulable with discounts' are applicable only when no standard vouchers are present in the cart.

The vouchers created by this module are visible in the Vouchers tabs. Contact us if you don't want to see it in this tab.

#### **CONFIGURATION EXAMPLES**

The examples given hereafter concern a fresh installation of Prestashop, with the default catalog. They show the rules definition to cover several kinds of promotion.

#### In the tables:

- The grey titles indicate the wanted promotion.
- The rules indicate the configuration to do.
- The Res.X lines show different results.
- A parameter '—' indicates a not significant value.

### **DISCOUNT ON CART AMOUNT**

#### In the following rules:

- « All categories » in product criteria includes all the cart products in the detection criteria.
- « Same catogories than criteria » in « amount computation » selects the cart products as base for amount computation.
- « Number of impacted products » is 0 to apply the same percentage to all products and not only to the cheapest one.
- The rules must be defined with the same family

	Global	Р	roducts	criteria		Amount computation					
	Allows	Criteria type	Repe	Cate-	Prod.	Attribution	Nb	Prod.	Categories		
	others/		tition	gories	with	type	Prod.	with			
	family				Reduc		Impact.	Réduc			
Percenta	ge depend	ling on the hig	hest ca	rt amount	(non-cum	ulative rules)					
Rule1	Yes/No	1000€ TTC	1	All	Yes	20%	0	Yes	Idem criteria		
Rule2	Yes/Yes	500€ TTC	1	All	Yes	10%	0	Yes	Idem criteria		
Res.A		Cart of400€	Cart of400€								
		⇒ no d	⇒ no discount								
Res.B		Cart of 700€									
			discount of 70€ = 10% on 700€								
Res.C		Cart of 1500:	€								
		⇒ disc	ount of	300€ = 20	% on 1500	)€					
Percenta	ge per ran	ge of cart amo	unt (cu	ımulative r	ules)						
Rule1	Yes	1000€ TTC	1	All	Yes	20%	0	Yes	Idem criteria		
Rule2	Yes	500€ TTC	1	All	Yes	10%	0	Yes	Idem criteria		

Res.A		Cart of 400€									
		⇒ no discount									
Res.B		Cart of 700€	Cart of 700€								
		⇒ disc	ount o	f 70€ = 109	% on 700€	(rule)					
Res.C		Cart of 1500	Cart of 1500€								
		⇒ disc	⇒ discount of 300€ = 20% on 1500€ (rule1) + 150€ = 10% on 1500€ (rule2)								
Pourcent	Pourcentage hors réduction suivant montant global du panier avec réduction										
Rule1		1000€ TTC	1	All	Yes	20%	0	No	Idem criteria		
Res.A		Cart of 1500	E, no pi	oduct in p	romotion						
			ount o	f 300€ (209	% on 1500¢	€)					
Res.B		Cart of 800€	except	promotio	n + 600€ in	promotion					
		⇒ disc	ount o	f 160€ (209	% on 800€)						
Res.C		Cart of 300€	except	promotio	n + 200€ in	promotion					
		⇒ no d	liscoun	t (thresho	ld not reac	hed)					

# DISCOUNTS: N BOUGHT, DISCOUNT ON THE P CHEAPEST

In the following rules, the categories set in 'products criteria' and in 'amount computation' detect product in some categories and attribute discounts in other categories.

	Global	Р	roducts	criteria		Amount computation				
	Allows	Criteria type	Repe	Cate-	Prod.	Attribution	Nb	Prod.	Categories	
	others		tition	gories	with	type	Prod.	with		
					Reduc		Impact.	Réduc		
3 iPods bought, the cheapest for free										
Rule1		3 produits	All	iPods	Yes	100%	1	Yes	Idem criteria	
Res.A		Cart with 2 if	Pods							
		⇒ no d	discoun	t						
Res.B		Cart with 3, 4	4 ou 5 i	Pods						
		⇒ the	cheape	st is offere	d					
Res.C		Cart with 6, 7	7 ou 8 i	Pods						
		⇒ the	2 chea	pest are of	fered					
Over 5 iP	ods bough	it, 20% on the	2 chea	oest						
Rule1	Yes	15	1	iPods	Yes	20%	2	Yes	Idem criteria	
		products								
Res.A		Less than 5 il	Pods in	the cart						
		⇒ no c	discoun	t						
Res.B		More than 5								
		⇒ 20%	on the	2 cheapes	st (2*20%	applicable only	y one time	as repetiti	on=1)	
Over 1 po	ortable bo	ught, 30% on t	he iPod	ls, except i	Pods in pr	omotion				
Rule1		1 product	1	Portables	Yes	30%	0	No	iPods	
Res.A		Cart without	•	-	od in pror	notion				
		⇒ no d	discoun	t						
Res.B		Cart with 1 p				•				
		⇒ disc	ount of	30% on th	e 3 iPods	at normal pric	e			
20€ offer	ed per iPo	d, except pror	no, boι	ight simult	aneously t	o 1 portable				

Rule1		1 product	All	Portables	Yes	20€	1	No	iPods		
Res.A		Cart without portable, or no iPod normal price									
		⇒ no o	□ no discount								
Res.B		Cart with 1 p	Cart with 1 portable and 4 iPods, all at normal price								
		⇒ disc	ount o	f 20€							
Res.C		Cart with 3 p	ortable	es and 4 iPod	ls, all at r	normal price					
		⇒ disc	⇒ discount of 60€ (3*20€)								
Res.D		Cart with 3 portables and 4 iPods, 2 being in promo									
		⇒ discount of 40€ (2*20€, the 2 not in promo)									
3 iPods b	ought, 109	% on 1 accesso	ry								
Rule1		3 products	all	iPods	Yes	10%	1	Yes	Accessories		
Res.A		Cart not con	taining	at least 3 iPo	ods, or n	o accessories					
		⇒ no o	discoun	nt							
Res.B		Cart contain	ng 3 iP	ods and 10 a	ccessori	es	•	•			
		⇒ disc	ount o	f 10% on the	cheapes	t accessory					
Res.C		Cart contain	ng 15 i	Pods and 10	accessor	ries	•	•			
		⇒ disc	ount o	f 10% on the	cheapes	t accessories (	(15/3=5)				

### DISCOUNTS: FREE SHIPPING

In the following rules, les «'products criteria' are used to offer the shipping costs.

	Global	P	roducts	criteria			Amount computation				
	Allows	Criteria type	Repe	Cate-	Prod.	Attribution	Nb	Prod.	Categories		
	others		tition	gories	with	type	Prod.	with			
					Reduc		Impact.	Réduc			
3 iPods b	ought, fre	e shipping cos	t								
Rule1		3 products	1	iPods	Yes	Free		-			
						shipping					
Res.A		Cart with 2 il	Cart with 2 iPods								
		⇒ no o	discoun	t							
Res.B		Cart with 3 il	Pods or	more							
		⇒ free	shippi	ng cost							
More tha	ın 3000€, t	then free shipp	oing cos	st							
Rule1	Yes	3000€	1	Portables	No	Free		i			
						shipping					
Res.A		Cart of more	than 3	000€in the	Portables	categories, ex	cept prom	otion			
		⇒ free	shippi	ng cost							

### REDUCTION PER PRICE RANGE

	Global	Р	roduct	s criteria			Amount computation			
	Allows	Criteria type	Repe	Cate-	Prod.	Attribution	Nb	Prod.	Categories	
	others		tition	gories	with	type	Prod.	with		
					Reduc		Impact.	Réduc		
10€ offe	10€ offered by range of 50€ in iPod category									
Rule1		50€	All	iPods	Yes	10€ per	0			
						range				

Res.A	Cart with 7 iPods, amount of 730€	$\Box$
	Discount of 70€	