


## Commands used in **Microinvest** Warehouse Pro Light for POS printers management and customization of receipts

### 1. Description of the receipt structure

Microinvest 1618 Sofia, Bulgaria 215 Tzar Boris III blvd *****  <b>Chicken Bar &amp; Grill</b>	Header																					
<table border="0"> <tr><td>Carlsberg</td><td>34.97</td><td>A</td></tr> <tr><td>Heineken</td><td></td><td></td></tr> <tr><td>    2.000*34.97</td><td>69.94</td><td>A</td></tr> <tr><td>Cebon 50ml</td><td></td><td></td></tr> <tr><td>    3.000*43.07</td><td>129.21</td><td>B</td></tr> <tr><td>Courvisiter 50ml</td><td>43.07</td><td>B</td></tr> <tr><td>Cinzano 50ml</td><td>43.07</td><td>C</td></tr> </table>	Carlsberg	34.97	A	Heineken			2.000*34.97	69.94	A	Cebon 50ml			3.000*43.07	129.21	B	Courvisiter 50ml	43.07	B	Cinzano 50ml	43.07	C	Details
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Discount code:  Customer's copy  <b>Have a nice day</b>  15:53:29 07.08.2009 N000000110	Footer																					

#### Header

Title of the receipt, which contains address and location description. Contains static information. Printed once

#### Details

All items that are included in the operation. For each item are displayed: quantity, price, amount and tax group. This section is repeated for each item.

#### Totals

Total amount of the operation, payment and change amount. The section is printed once for the entire receipt.

#### Vat Analyse

Section for all taxes. For each tax is printed one separate row.

#### Footer

Information section at the end of the note. Contains various static information and may include time, date, number, promotions or other details. Printed once.

## 2. Description of the macros that are processed by the program

Script	Description	In settings	On the receipt
<Date>	Date	<Date>	03.06.2008
<Time>	Time	<Time>	10:25:00
<DateTime>	DateTime	<DateTime>	03.06.2008
<Operator>	Operator made the sale	<Operator>	Ivan Ivanov
<Object>	Object in which the sale is made	<Object>	Restaurant
<Partner>	Partner	<Partner>	Client
<PartnerMOL>	Partner Contact Person	<PartnerMOL>	Georgy Georgiev
<PartnerVATID>	Partner VAT ID	<PartnerVATID>	831826092
<PartnerTaxID>	Partner Tax ID	<PartnerTaxID>	1224049346
<PartnerAddress>	Partner address	<PartnerAddress>	215 Tzar Boris III Blvd.
<Owner>	Name of the company issuing the document	<Owner>	Our company LTD
<OwnerMOL>	Owner Contact Person	<OwnerMOL>	Peter Petrov
<OwnerVATID>	VAT number of the company issuing the document	<OwnerVATID>	123456789
<OwnerTaxID>	Tax ID of the company issuing the document	<OwnerTaxID>	1122334455
<OwnerAddress>	Address of the company issuing the document	<OwnerAddress>	4 Rakovski Str.
<Document>	Document number	<Document>	0000000156
<Left>	Left alignment	<Left> <Document>	0000000156
<Center>	Center alignment	<Center> <Document>	0000000156
<Right>	Right alignment	<Right> <Document>	0000000156
<Stretch>	Stretching data on left - right alignment	<Date> <Stretch> <Time>	03.06.2008 10:25:00
<Empty>	Empty row	<Empty>	
<Esc>	ESC command	<Esc>	chr(27)
<GS>	GS command	<GS>	chr(29)
<Beep>	Activating printer sound on	<Beep>	chr(7)
<File>	The command sends the file content to the printer	<File> MyFile.txt	* Data transfer
<Random>	Random row from file	<Random> MyFile.txt	* Random row from file
<BackSpace>	BackSpace command	<BackSpace>	chr(8)
<Tab>	Tab command	<Tab>	chr(9)
<Cutter>	Activating paper cutter	<Cutter>	* Paper cutter
<Delay>	One second delay	<Delay>	* 1 second pause
<KickDrawer>	Open the draw connected to the printer	<KickDrawer>	* Open the draw
<LimitL20>	Limits to 20 characters from left	<LimitL20>	
<LimitR30>	Limits to 30 characters from right	<LimitR30>	
<LimitC40>	Limits and center to 40 characters	<LimitC40>	
<Chr00>	Send symbol with ASCII code 0 (0x00)	<Chr00>	chr(0)
<Chr01>	Send symbol with ASCII code 1 (0x01)	<Chr01>	chr(1)
.	.	.	.
<ChrFE>	Send symbol with ASCII code 254 (0xFE)	<ChrFE>	chr(254)
<ChrFF>	Send symbol with ASCII code 255 (0xFF)	<ChrFE>	chr(255)

\* These values can be entered in fields and Header1-Header8 Footer1-Footer8

\* The values are replaced when printing a document on the printer

\* Not all commands are supported by all printers

## 3. Description of macros in the details

Script	Description	Section	Note
<ItemName>	Item Name	Details	
<ItemCode>	Item Code	Details	
<ItemPrice>	Item Price	Details	
<ItemQty>	Item Quantity	Details	
<ItemTotal>	Row Total	Details	
<ItemDiscount>	Discount	Details	Not in use
<ItemVATCode>	VAT Group code	Details	
<Total>	Document Total	Total	
<TotalCaption>	Total Caption	Total	
<Change>	Change	Total	Print only if there is change
<ChangeCaption>	Change Caption	Total	Print only if there is change
<Payments>	Total	Total	* Print a couple of rows
<PaymentsCaption>	Payments Caption	Total	
<VATCaption>	VAT Caption	VAT Analyse	
<VATCode>	VAT Code	VAT Analyse	* Print a couple of rows
<VATPercent>	VAT group Percent	VAT Analyse	* Print a couple of rows
<VATBase>	Base on which is added % VAT	VAT Analyse	* Print a couple of rows
<VATValue>	VAT Value	VAT Analyse	* Print a couple of rows
<VATTotal>	Sum of <VATValue>, which exist in the document	VAT Analyse	

\*For part of the commands, the program prints one row for each operation