


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 ***** Chicken Bar & Grill | Header | | | | | | | | | | | | | | | | | | | | | |
| <table> <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 |
| 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 | | | | | | | | | | | | | | | | | | | | |
| <table> <tr><td>TOTAL</td><td>320.26</td></tr> <tr><td>CASH</td><td>500.00</td></tr> <tr><td>CHANGE</td><td>179.74</td></tr> </table> | TOTAL | 320.26 | CASH | 500.00 | CHANGE | 179.74 | Totals | | | | | | | | | | | | | | | |
| TOTAL | 320.26 | | | | | | | | | | | | | | | | | | | | | |
| CASH | 500.00 | | | | | | | | | | | | | | | | | | | | | |
| CHANGE | 179.74 | | | | | | | | | | | | | | | | | | | | | |
| <table> <tr><td>VAT A 18%</td><td>104.91</td><td>16.00</td></tr> <tr><td>VAT B 10%</td><td>172.28</td><td>15.66</td></tr> <tr><td>VAT C 3%</td><td>43.07</td><td>1.25</td></tr> <tr><td></td><td></td><td>32.91</td></tr> </table> | VAT A 18% | 104.91 | 16.00 | VAT B 10% | 172.28 | 15.66 | VAT C 3% | 43.07 | 1.25 | | | 32.91 | VAT Analyse | | | | | | | | | |
| VAT A 18% | 104.91 | 16.00 | | | | | | | | | | | | | | | | | | | | |
| VAT B 10% | 172.28 | 15.66 | | | | | | | | | | | | | | | | | | | | |
| VAT C 3% | 43.07 | 1.25 | | | | | | | | | | | | | | | | | | | | |
| | | 32.91 | | | | | | | | | | | | | | | | | | | | |
| Discount code:  Customer's copy Have a nice day 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