

DB-Cash- Box 2000

Version 2.1

from
Bracker Services
Eichenstraße 17
20259 Hamburg
GERMANY
Telefon: 040/4905696
Fax: 040/4919906
Auto: 0172/8169210

This Programm is a Shareware. You can make copys for giving to
other peoples.

Show this programm your friends and your business-partners.

A Idee is, give as a present to christmas.

In production:

The same program, but for restaurants with desk-registration
and keeper-calculation.

(ca. 15.11.94)

DB-CASH 2000 * Cash-Box-System by Detlef Bracker

The Documentation is written with the windows-programm write. Please load this document with write and print it out.

This documentation is only for handling the cash-System.

I Handling

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I.1 Building and Installation the Cash-System

Please know that the System is written for hardware with many special Cash-System-Peripherie. Example you have not the special-keyboard, the special printer, or the cash-drawer. When you take the PC-Keyboard you can test the correct function, but you need MANY MORE TIME for input the datas. For any key on the special-keyboard, you must put an combination (SHIFT or CTRL) of function keys to simulate the special-keyboard.

This is a problem you not have, when you have the special-keyboard. When you have registration the shareware, you get more information to connect with a special - keyboard.

Many System-Checkings are other with the correct hardware.

Example: You take from an people more money as he need to pay. You put the rest to him. In this time the cash-drower open and the monitor shows the rest. When you close the cash-drower, the monitor clears this information. When you havent the hardware and you have setting up the correct datas, you must push any key.

The printer output is written for an cash-printer STAR with red/black carbon. Printer Typ 0 is without the red/black and other characters to print small or big. So the output is not the best in this test version. Other printers we can connect, when you wish.

I.1.1. Building the Cash-System DB Cash-Box 2000

For the Cash-Box 2000-System you kneed (in optiones)

- PC compatible (286/386) mind. 20 MB HDD
- extra little black/whitemonitor in CGA, EGA od.VGA (Output in CGA40 also 40 Col / Row * 20 Rows)
- PC Cash-Printer (Ex.: Star with red/black carbon)
- Cash-Drawer (Connecting with RS232 incl. Testing, Cash-Drawer open or not)
- Cash-Special-Keyboard, Keycaps special layoutet and big
- Barcodereader as Laser/Pistole ggf. Big-Scanner
- Modem for Transferring, Data-Updates and so on

Prices for hardware (Calculation in Germany NOT AN OFFER!)

- Computer 386-40 MHz, 80 MB, CGA/HGC ca.	\$ 937,--
- Specialkeyboard	\$ 312,--
- Cash-Drawer	\$ 250,--
- Bon-Printer	\$ 562,--
* SUBTOTAL	\$ 2061,--
+ MODEM 14400 Baud	\$ 250,--
* TOTAL	\$ 2311,--

Prices for Software (LIZENZ FOR USING ON 1 MASCHINE)

- this programm lizensiert	\$ 95,--
- DFUE-Module (Cash+Centrale)	\$ 95,--
- interpretation without DFUE	\$ 95,--
* TOTAL	\$ 285

Preis for Software and Hardware circa \$ 2596

Our meaning is:

You cant keep it cheeper. You can sell this system for \$ 5625, when you will, you have making \$ 3029, is it fine?

I.1.2. Pheripherie as Barcodereader, Cash-System-Special-Keyboard, Monitor and Cash-Drawer

The peripherie is modul to bye. You can sell it in steps. The peripherie you can take, you must test. The prices for good hardware is not the problem. When you have registered this software we take a list with hardware produces, you can take.

When you will, we make an installation to other hardware. Please refer our prices.

I.1.3. Installation of Software

The installation of software is very easy. Make an new directory and copy the file KASSIX.EXE in it. Then input the KASSIX and it puts it out. For the setting up datas you must input the MONITOR - Command. For cash with the cash-System you need the command KASSE.

I.1.3.1. Setting up the Parameters

For setting up, you must input MONITOR
Now, you can take input the correct connection infos.

Printer: 0=kein, 1=LPT1, 2=LPT2, 3=LPT3
PrtTyp 0=ASCII *), 1=STAR red/black
 *) only for demo
Modem: 0=without, 1=COM1, 2=COM2, 3=COM3, 4=COM4
Baud: 2400-19400
Bits: 8
Parit.: N
Stop: 1
WZeit: 3
MTyp: 1, 0 for 19400
Drawer: 0=without, 1=COM1, 2=COM2, 3=COM3, 4=COM4
Kass-Nr.: 4stellige Cash-Desk-Number
5 Row Top Bon-Print-Top
5 Row Bottom Bon-Print-Bottom
MwSt.Satz for international Version take 0
Ebene 1-4 (1 for Start)

ATTENTION: Only when you have connecting the correct peripheries, you making an activating with parameters. You make it for your own risk.

ATTENTION: When you have not all correct peripherie hardware, you can see Message: "OUT OF ORDER" or so. Always the Cash-Box-System making a hardwaretest.

I.1.3.2. Making a Keyboard-Template

For an simulation of Special-Keyboard you must make a keyboard template.

NORMAL:

F2 = Articels (alternativ RETURN/ENTER)
F3 = Annul
F4 = BW (Printing out the last bon again)
F5 = Report
F6 = buyer
F7 = NS (not selling / open drawer)
F8 = Total-Annul
F9 = selling backward the next articel
F10= Price/amount

WITH SHIFT:

F2 = SUB (Sub-Total)
F3 = Bar-Cash
F4 = Menu
F5 = Pices
F6 = Dinners-Club (Creditcard)
F7 = Visa (Creditcard)
F8 = Eurocard (Creditcard)
F9 = Scheck
F10=Amex (Creditcard)

WITH STRG:

F2 = Plus/Man.In
F3 = Minus/Man.Out
F4 = Procent
F5 = Voucher
F6 = Question
F7 = Answer

I.2 Handling the Cash-System.

In next step, you learn about the handling the cash-system.
In Demo-Version with PC-Keyboard you must take Function-Keys as the Keyboard-Template. With Registration you get a discription for taking a special-keyboard and changing the keys on the pc-keyboard for taking the pc-keyboard defined by you.

I.2.1. Working in Planes

The programm is working in planes:

- START CASH-SYSTEM
slide
slide
- LOGGING IN
- CHASHIER
slide
- DAY-CLOSING
- PREPARE THE TRANSFER
- TRANSFER
- COMPUTING THE RECEIVED DATAS
- REORGANISATION
slide

I.2.2. Power ON and Start Cash-System

I.2.2.1. Input Cashier-Number, Date and Time

Shut POWER ON the Computer and go to the directory for Cash-System. Inkey KASSE and when you have finnesed correctly, the Cash-Systems ask for Date and Time. When you correct the date and time other as system-mainboard, you must take it again to ore three times. This is for checking out the correct input. Next, you must input the cashier-Number. This is in Demo-Version 0070. Then you can start of the cashier.

I.2.2.2. Cash-Start

When you have input the cashier-number you can cashier with cash-System. When you take the [Menu]-Key on the Keyboard, the Cash-System leave the cashier function and you must input the Cashier-Number again. This is a function for security your system. Othertimes other people can put datas in Cash-System or open the cash-drawer and you lose your money. Take the Cashier-Number in it and you continued.

I.2.3. Receive Money - Cash

I.2.3.1. Overview

When you have starting this procedure, you can do the next working-things. But you must know:

- 1.) all Inputs you are making, where append in the protocal-databases. The printing and the writing are in the moment you input the next artichel or do the next activating and its so, you can put POWER OFF in all situation, you only lose the last bon, when it where in work. When Bon is printing complete ends, the bon is written in the protocol-databases. The last Bon, there were written, you can print again with [BW].
- 2.) Every function where protocolled, also open the cash-drawer or bon-printing again, to. All datas with date and time.

I.2.3.2. Functions:

The most function where doing after press the function key. Any function needs an numeric input before. The function keys other functions in many situations.

Prices you put in with dollar and cents, but not with a point. Example: \$ 145,45 you must input [1] [4] [5] [4] [5].

Before valid function, you can clear the input with [C]-Key.

Functions:

SELLING / BACKWARD SELLING TO A CUSTOMER:

[Articel] - you must input the articel-number before
- Locate the articel-number, and when found, show on the monitor with the defined price and 1 pices. Activating with next function as [Articel], [selling backward], [Annul], [Total Annul], [Subtotal]. Otherwise you can change pices and price. The printing is doing, when next function inputs.

[Price/Amount] - you must input the prices/amount before
- is only function, when a other function is running as:

[Articel]	- Overwriting Price
[Articel] [-]	- Minus Price from Price
[Articel] [+]	- Plus Price to Price
[Man.Out]	- Money out (Stamps, other Costs)
[Man.In]	- Money in (Startmoney, others)

[Pices] - you must input the pices before
- is functionality only, when the other function is running:

[Articel] - Overwriting the pices

[Backw.Selling] - Backward Selling is for ingoing from customers, example trouble in production. Now the system waits for articel-number and key [articel]

[Annul] - the last selling where annul, it where not printing.

[Tot-Annul] - Annuls the Bon, you are making in this time. After Paying you cant making an Tot-Annul.

[SubTotal] - Subtotal you need when you have all sellings input and now the customers shall pay. The last article you have input where printing. At Monitor you can see the Subtotal. You can make an Tot-Annul to.

[BW] - Printing the bon again.

PAYING / MONEY-REST etc.

[Bar] - when you input the amount before:
from subtotal the machine subtract the amount.
When it where higher, the rest you must give the customers, you see this on the monitor. Other times the rest must customer pay.

**** OR ****

- without input amount before:
Bar-Cash is the same as Subtotal with no rest.

[Scheck] - when you input the amount before:
from subtotal the machine subtract the amount.
the rest must customer pay.

**** OR ****

- without input amount before:
Scheck-Cash is the same as Subtotal with no rest.

[Gut] - when you input the amount before:
from subtotal the machine subtract the amount.
the rest must customer pay.

**** OR ****

- without input amount before:
Voucher-Cash is the same as Subtotal with no rest.

[Creditcard] - when you input the amount before:
from subtotal the machine subtract the amount.
the rest must customer pay.

**** OR ****

- without input amount before:
Creditcard-Cash is the same as Subtotal with no rest.

[BW] - Reprinting the last bon

WAITING FOR SELLING:

[NS] - not selling / open Drawer

[BW] - Reprinting last Bon

[Report] - Bericht: Printing the Report for the day-subtotal

[Voucher] - Beginning for Printing Voucher. The other is the same as by selling.

- [Man.Out] - Cash-Out for Stamps and other thinks.
You must input the ammount and then you must press the [Price/Ammount] - Key.
- [Ein] - Cash-In for Money-Ammount Start and other thinks.
You must input the ammount and then you must press the [Price/Ammount] - Key.
- [Menu] - return to INLOGGING *** OR ***
- Input Cashier-Number and [Menu] for Day-Closing

I.1.2.3.3. Statusline:

The statusline is for the better understanding. You can see it in the last line.

<u>EBENE:</u>	<u>ART:</u>	<u>ART 2:</u>	<u>Error:</u>
Cashier	Man.In	Plus	Out of Order
Selling	Man.Out	Minus	Alarm
Transfer	Voucher	Drawer	
GoodDay	Rest	Wait	
REORG	MoneyReturn		
	Tot.Annul		

When you have big problems, you can phone me:

+49 40 4905696 or

+49 172 8169210

of fax me:

+49 40 4919906 *) only Monday to Friday, othertimes OFF

Alarms, while:

- a) Drawer open to a long time
- b) Input wrong
- c) Drawer open with key or other
- d) Printer not ready
- e) other problems

At alarm you must press [C]-key. Many Alarms comes with Beeps.

I.1.2.3.4. Day Closing

When you running this procedure, the programmes waiting for count your money. You must input in sorts.

This version we must making for every country. We dont know the sorts for other countrys as germany. When you registrating this product, we need your country-sorts. Then you get a better version for your county.

Your Input is for Differenc-Calculation.

I.2.4. Data-Transfers

I.2.4.1. Prepare for Transfer

This programm makes a compression of the datas that shall be transfer (Journal-Protocol).

I.2.4.2. Transfers the Datas

When you have by this modul (extra \$ 95), you can transfers the datas from Cash-System to the central.

The transfer is:

- a) compressed
- b) coded
- c) security

I.2.4.3. Process the comming Datas (REORG)

This procedure uncompress and decoded the datas. The datas computed in the cash-system:

- a) articel-databases complete new
- or -
- b) articel delete
- c) articel append
- d) articel with new information

You need the option datatransfer (extra \$ 95)

I.3. Examples:

Before you test with this examples, you must setup the datas with MONITOR. Better is, you load before out from KASSIX.EXE.

Take in MONITOR the System-Setup and take the Plane 1. Then quit the programm. Start the Cash-System with KASSE. Now the programm makes an REORG, then you must input the date, time and the cashier-number:

[0][0][7][0]

Now you can cash with cash-system.

When we tested with test-articels:

Input	Action
[1] [Articel]	locate Articel with Nr. 1, print Kaffee on monitor, with 1 pices and price 10,--
[3] [Pices]	Change to 3 pices, price 10,--, subtotal 30,-
[1][1][5][0] [Price]	Change the price to 11,50, subtotal 34,50.
[2] [Articel]	Enter the next articel, find the articel, print on monitor, with 1 pices and price 1,45 NOW THE ARTICEL 1 WERE PRINTED!!! subtotal 35,95
[4] [Articel]	Enter the next articel, find the articel, print on monitor, with 1 pices and price 2,30. NOW THE ARTICEL 2 WERE PRINTED!!!
[MINUS] [3][0][Price]	Subtract 0,30 from price. The new is 2,00
[3] [Articel]	Enter the next articel, find the articel, print on monitor, with 1 pices and price 2,45. NOW THE ARTIKEL 4 WERE PRINTED!!! subtotal 40,40
[SubTotal]	Print the Artikel 3 and make a subtotal on bon and monitor.
[5][0][0][0] [Bar]	Bar-Cash with 50,--. Difference you must give the customer (MONEY RETURN). The Drawer opens and waits for the closing the drawer.

OTHER PROCEDURES:

[Plus][4][7][0][0][Bar] Manuell Plus for puting money in the cash-drawer.
Here 470,-- more in the drawer. You can use for
day-beginning with a start-capital of 470,--

[Minus][5][2][0][Bar] You pay porto 5,20 barcash. You take the money
from cash-drawer.

[Voucher][5][0][0][0][0]
[Bar] You print a voucher for 500,-- and get the money
bar cash to the drawer.

NEXT SELLING:

[BackwardSelling] you make a backward selling you get 1 x kaffee
from customer.

[1] [Articel]	1 x Kaffee with -10,-- / subtotal -10,--
[2] [Articel]	1 x Salz with 1,45 / subtotal 8,55
[3] [Articel]	1 x Mehl with 2,45 / subtotal 6,10
[1] [Articel]	1 x other Kaffee with 10,-- / subtotal 3,90
[subtotal]	now we will cash
[1][0][0] [Scheck]	1,-- in Scheck, Rest now 2,90
[3][0][0] [VISA]	not allowed
[BAR]	2,90 bar cash

NEXT SELLING:

[2] [Articel] 1 x Salz with 1,45 / subtotal 1,45
[1][0][0] [Pieces] 100 x Salz with 1,45 / subtotal 145,--
[subtotal] now we will cash
[AMEX] Paying 145,-- per AMEX - Creditcard

DAY-CLOSING

[0][0][7][0] [Menu]	Paying Money		
[3][0] [Enter]	30	x 1 Pfennige	0000,30
[2][5][0] [Enter]	250	x 2 Pfennige	0005,00
[Enter]	0	x 5 Pfennige	0000,00
[3][Enter]	3	x 10 Pfennige	0000,30
[1][Enter]	1	x 50 Pfennige	0000,50
[1][Enter]	1	x 1 DM	0001,00
[3][Enter]	3	x 2 DM	0006,00
[7][1][Enter]	70	x 5 DM	0355,00
[1][0][Enter]	10	x 10 DM	0100,00
[1][2][Enter]	12	x 20 DM	0240,00
[2][Enter]	2	x 50 DM	0100,00
[2][Enter]	2	x 100 DM	<u>0200,00</u>
	* SUMME		<u>1008,10</u>

When you have making all correct you have 0 difference.

Testprogramm

*dies ist eine Sharewareversion, die noch
nicht registriert wurde.*

Guten Tag,

01.11.94/12:03:12

SOLL-Bestand: 1008.10

Anzahl Bons...: 4.00

1 Schecks...: 1.00

1 Karten...: 145.00

1 Gutschein: 500.00

1 Kas-Einza: 470.00

1 Kas-Ausza: 5.20

1 Rückwaren: 10.00

0 Stornos...: 0.00

100 Umsatz...: 189.30

Rückgeld: 0.00

*-----
Wir danken für Ihren Einkauf.*

Umtausch ist nur innerhalb von 7 Tagen

unter Vorlage des Kassenbons möglich!

01.11.94/12:03:17

DEBIT...: 1008.10

KREDIT...: 1153.10

DIFF...: 145,00

So calculate the system the DEBIT:

all selling (./ backward selling)	DM 189,30
./ all cards	DM 145,00
./ all schecks	DM 001,00
subtotal	DM 043,30
+ cash in	DM 470,00
./ cash out	DM 005,20
+ Vouches	<u>DM 500,00</u>
TOTAL	<u>DM1008,10</u>

We see Voucher is here the same as bar - cash. When you will it other, we change it in your workingversion.

I.4 Registration your Shareware.

This programm is shareware. You can make copies and give it to other peoples. This is our own spiritual right. It is forbidden to recompile or disassembling. Only by us, the people can register this product. It is not allowed to give other people the registration code from other registered peoples.

The Licence is for all machines in the same houses. You can use with 1 licence moretimes in the same house. Othertimes mean our company restricts and german rights.

You can licence the software:

- a) über Compuserve direkt: GO SWREG. Take the licence-number 3517.
- b) send us a Scheck over DM 132.

Detlef Bracker, Eichenstraße 17, 20259 Hamburg, GERMANY 040/4905696
Fax: 040/4919906 CIS: 100113,1766 Auto (NOTRUF): 0172/8169210