

CallBlocker is for analogue telephone lines or an analogue extension of an ISDN PABX  
Version for Germany.

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### 1. General information

The CallBlocker allows you to block your telephone line for outgoing calls or selectively enable calls. The CallBlocker also checks the dial tones of all terminals connected to it. If a prefix or number that is entered as "not permitted" in the CallBlocker's memory is dialled, the CallBlocker breaks the connection.

The blocker, which is intended for analogue telephone lines such as T-Net from Deutsche Telekom AG or the analogue output of a PABX, also has a timer. The timer limits telephone calls to between 1 and 9 minutes. It can be switched off.

Make sure to read about all of the CallBlocker's functions before connecting it.

The CallBlocker is already set to block 0190 and 0900 numbers. Other numbers can be programmed if required using a telephone connected to the CallBlocker. It must be set to touchtone dialling.

### 2. Safety instructions

The CallBlocker is only intended for use in dry rooms. Only use it as described in this manual.

Enabling emergency number and ensuring their function.

Enter blocked numbers to make sure the CallBlocker functions. The following prefixes are already blocked: 0190 and 0900 (also call-by-call) see section 6. d).

The CallBlocker functions only with touchtone terminals (terminals can be telephones, fax machines and modems, for example). The CallBlocker blocks pulse dialling.

The blocker only blocks dial signals from terminals that are connected to both outlets of the CallBlocker. Devices that are upstream from the CallBlocker in the electrical circuit are not included. The two outlets are wired in parallel. If two telephones are connected, they can influence each other if both receivers are picked up if necessary.

In this case, if you would like one telephone (or terminal) to be blocked, connect the terminals using the Y-switch toggle switch, Hama item no. 44811, to the CallBlocker. This step also applies for modems and fax machines.

Users must always make sure a block functions, whether the block was pre-programmed or set by the user. See also section "6.k Checking settings". For obvious reasons, Hama accepts no liability for damage resulting from malfunction, improper programming, improper use or the like.

Do not open and/or make changes to the CallBlocker. The blocker does not contain any parts that need servicing.

Only use the CallBlocker as described in this manual.

Do not use the blocker if the cable or casing is damaged or if liquid enters the blocker.

Contact Hama service for all other errors.

The function of the CallBlocker applies only to the CallBlocker itself, not to the function when used with other additional devices or PABX devices that can influence terminal dialling (telephone, fax, modem, etc.) by dialling prefixes or changing or inserting signals or pauses, etc. This applies in particular to routers or other terminals with a router integrated as hardware or software.

Please take this into account and if necessary, check the manual of any additional devices.

### 3. Features

The CallBlocker has the following features:

- Plug-and-play (blocker is ready to connect on delivery)
- Small design
- Size: approx. 75 x 43 x 28 [mm] not including cable
- Switches between telephone line and terminal(s)
- Input: TAE-F connector Output: 2 TAE-NF outlets (multimode u)
- Programmable using terminal (for example telephone)
- Protects against diallers (0190, 0900, etc...)
- Pre-programmed to block 0190 and 0900 (can be switched off)
- Automatically recognizes 010xy (cost-saving prefix) dialled before blocked prefixes (for example 0190) (call-by-call recognition)
- Up to 10 numbers can be either blocked or enabled (5 to 11 or more digits)



- Up to 16 prefixes can be either blocked or enabled (1 to 4 digits)
- Up to 10 VIP numbers
- If a prefix is blocked, stored VIP numbers with the same prefix can still be dialled
- 4-digit password
- Call length can be limited (timer): 1 to 9 minutes (1 min. increments)
- For analogue telephone network or analogue output of ISDN PABX
- Flash memory
- No additional power pack or batteries required
- Safety switch protects against unwanted access (PROGR AUS switches off change settings function)
- Blocks pulse dialling

### 4. Quick guide for experienced users

This quick guide under item 3 is intended for experienced users only but does not replace the full version (all sections other than 3).

- a) Plug the CallBlocker into the telephone jack and connect your terminal to the CallBlocker.
- b) You must always enter the password (factory setting: 0000) when programming using your telephone.
- c) The programming switch (underside) must be set to "PROGR. EIN" if you would like to change the settings. Prefixes 0190 and 0900 are already blocked (plug-and-play). Then slide the switch to "PROGR. AUS".
- d) The following commands are available after you have entered the password.

Press the pound key twice before entering the password and once after entering the password.

## 0000 (= password entry - 0000 is factory-set) and then one command:

- "x" stands for a prefix (1- 4 digits) or number with a prefix (5 - 11)
- xxxx\* = Enable this prefix or number
- xxxx# = Block this prefix or number
- ##### = Delete this number from the respective list (number means either prefix only or prefix and number)
- \*# = Delete all prefixes from the list
- #\* = Delete all numbers from the list

Wait for the signal tone from the CallBlocker each time.

Setting the timer:

- Enter password ## 0000 #
- \*#t = t stands for the time in minutes, 1 - 9 possible, 0 = OFF
- Short tones: OK / Long tones or tones in pairs: error

### 5. Connecting the CallBlocker

This block protects all downstream terminals (phone, fax, modem...) from calls to undesirable telephone numbers. Connect the F connector of the CallBlocker to the telephone jack marked F. Connect the terminals you want to be protected (telephone, fax or modem) to the CallBlocker outputs marked N and F. The outputs are wired in parallel. If you want to prevent more than one terminal from accessing the telephone line simultaneously, connect the terminals to the CallBlocker using an automatic Y-switch toggle switch, Hama item no. 44811.

Please note that only terminals that are connected to the CallBlocker outputs are protected. If you would like to block more than one jack or output of a PABX, you need more than one CallBlocker.

### 6. Programming switch

The CallBlocker has a programming switch.

This safety switch protects against unwanted access (PROGR AUS switches off change settings function). It prevents the connected or outside terminals from manipulating the CallBlocker by changing the settings.

We recommend sliding the switch to "PROGR. AUS" after programming. If someone attempts to enter the access code (password) while the switch is set to PROGR AUS, the CallBlocker responds immediately with a paired tone. It does not allow the code to be entered.

### 7. Programming the CallBlocker

The CallBlocker makes a difference between blocking an entire range of telephone numbers (for example, prefixes) or only certain telephone numbers.

Plug-and-play:

The prefixes 0190 and 0900 are already blocked. This prevents value-added services, which are often unscrupulous providers, scam operators or automatic diallers. If you only want protection from these types of numbers, you do not need to take any additional steps. The factory-set blocks already prevent this. You can plug in the CallBlocker without having to do any programming.

Beginning programming

The programming switch must be set to PROGR EIN. See section 5.

Always enable emergency numbers!

Programming always begins with the password and then the required command. The password is factory-set to 0000 and can be changed as desired. Always press the pound key "\*" twice before entering the password and once afterwards. The pound key is next to the 0. These instructions always assume the password is 0000. Please take this into account if you have changed the password.

You will use the number keys 0 through 9, the pound key "#" and star key "\*".

The CallBlocker must be connected to the telephone network. Use the telephone connected to it to make entries. (Touchtone devices only!! You can recognize touchtone phones by listening to the tones in the receiver when dialling. See also the telephone's manual.)

List of all commands: (list = entries in memory)

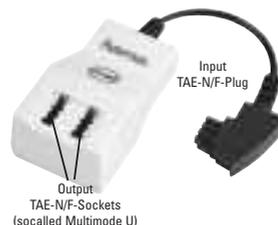


plate on underside

"x" stands for the digits of the prefixes or numbers. "x" can have from 1 to 11 digits. Always enter the code first.

- xxxx\* = Enable this prefix or number
- xxxx# = Block this prefix or number
- ##### = Delete this number from the respective list (number means either prefix only or prefix and number)
- \*# = Delete all prefixes from the list
- #\* = Delete all numbers from the list

Once you begin making entries, you will also hear tones or error messages (announcements) from the telephone network in addition to the CallBlocker's acknowledgement signals. Ignore them and continue making entries.

a) **Blocking prefixes** (prefixes have 1 to 4 digits)

Example: You would like to block the prefix 038.

To do so:

- Pick up the receiver
- Enter password ##0000 (dial tone) # (dial tone)
- Set the prefix block to 038: 038# (dial tone)
- Hang up the receiver or enter additional commands beginning with the password Prefix 038 is now blocked. No numbers beginning with 038 can be dialled.

b) **Enabling prefixes** (prefixes have 1 to 4 digits)

Example: You would like to enable the prefix 0381 and want 038 to remain blocked.

To do so:

- Pick up the receiver
- Enter password ##0000 (dial tone) # (dial tone)
- Enable prefix 0381: 0381\* (dial tone)
- Hang up the receiver or enter additional commands beginning with the password Prefix 038 remains blocked, but numbers beginning with 0381 can be dialled.

c) **Deleting prefix blocks**

Example: You would like to delete the prefix block for 038

To do so:

- Pick up the receiver
- Enter password ##0000 (dial tone) # (dial tone)
- Delete prefix 038: # 038 # (dial tone)
- Hang up the receiver or enter additional commands beginning with the password

The prefix 038 is now deleted from the list of blocked prefixes and can be dialled again. Prefix 0381 (see a) remains in the list of enabled prefixes and takes one of the up to 16 memory locations. Keep this in mind and delete if necessary.

d) **Blocking numbers** (numbers have 5 to 11 or more digits)

Numbers with more than 4 digits are considered telephone numbers by the CallBlocker.

Example: You would like to block the telephone number 0171 123456.

To do so:

- Pick up the receiver
- Enter password ##0000 (dial tone) # (dial tone)
- Block the number 0171 123456: 0171 123456 # (dial tone)
- Hang up the receiver or enter additional commands beginning with the password Telephone number 0171 123456 is now blocked. It cannot be dialled. This number takes one of the 10 memory places in the list of (VIP) numbers.

Note: See also section 8 c).

e) **Deleting telephone number blocks**

Example: You would like to delete the telephone number block for 0171 123456.

To do so:

- Pick up the receiver
- Enter password ##0000 (dial tone) # (dial tone)
- Delete the number 0171 123456: # 0171 123456 # (dial tone)
- Hang up the receiver or enter additional commands beginning with the password The number 0171 123456 is now deleted from the list of blocked numbers and can be dialled again. The memory location is available.

f) **Enabling VIP numbers** (5 to 11 or more digits)

VIP telephone numbers can still be dialled even though their prefixes are blocked (for example, 0190 hotline of a service provider).

Example: You want to enable the VIP telephone number for 0190 123456 even though the prefix 0190 is blocked.

To do so:

- Pick up the receiver
- Enter password ##0000 (dial tone) # (dial tone)
- Enable VIP number 0190 123456: 0190 123456 \* (dial tone)
- Hang up the receiver or enter additional commands beginning with the password The number 0190 123456 is now in the list of stored VIP numbers and can be dialled. All other numbers beginning with 0190 are blocked.

This number takes one of the 10 memory places in the list of (VIP) numbers.

Note: VIP numbers can have up to 11 digits including the prefix. If the VIP number you would like to enter has more than 11 digits, just enter the first 11 digits. The remaining digits are not taken into account.

g) **Switching call-by-call on and off**

The automatically recognizes whether a 010xy cost-saving prefix (call-by-call prefix) is dialled first. This feature is factory-set. You can switch this feature on and off.

To do so:

Switching on the feature

- Pick up the receiver
- Enter password ##0000 (dial tone) # (dial tone)
- Switch on call-by-call recognition: ## (dial tone)
- Hang up the receiver or enter additional commands beginning with the password

**Switching off the feature**

- Pick up the receiver
- Enter password ##0000 (dial tone) # (dial tone)
- Switch off call-by-call recognition: \*\* (dial tone)

- Hang up the receiver or enter additional commands beginning with the password

**Important:** We recommend leaving call-by-call recognition on all the time so blocked numbers and prefixes can always be recognized.

When using the CallBlocker with a PABX, it may be necessary to switch off the feature.

Please read section "9. Instructions for use with PABX/ISDN PABX devices".

**h) Timer**

The timer function allows you to limit the length of incoming and outgoing calls.

The timer command is \* t # (t stands for the number of minutes 1–9, 0 equals OFF)

*Example:* You want to limit telephone conversations to 5 minutes.

*To do so:*

- Pick up the receiver
- Enter password ##0000 (dial tone) # (dial tone)
- Set the timer to 5 minutes: \* 5 # (dial tone)

- Hang up the receiver or enter additional commands beginning with the password

All conversations will be stopped after 5 minutes. You will hear a warning signal shortly before calls are interrupted.

Possible entries:

- 0 = Timer OFF
- 1 ... 9 = Time limit is 1 - 9 minutes

**i) Changing the password**

The password, which is factory-set to 0000, can be changed.

*To do so:*

- Pick up the receiver
- Enter password ##0000 (dial tone) # (dial tone)
- Enter a new password ##xxxx# (dial tone)

- Hang up the receiver. The new password is stored. "xxxx" stands for your new password, which consists of numbers 0 - 9.

**j) Forgot the password?**

You can delete the password if you forget it.

*To do so:*

- Pick up the receiver
- Press the pound key seven times "#######" (dial tone)
- Hang up the receiver. The password is reset to 0000 (factory setting)

**k) Checking the settings**

You should write down all your entries and check to make sure they function properly.

If you use the factory settings for example, you must check the following numbers on all connected terminals:

Number:	CallBlocker reaction
0190 123	Warning tone and dialling interrupted
0900 123	Warning tone and dialling interrupted
010xy 0190 123	Warning tone and dialling interrupted
010xy 0900 123	Warning tone and dialling interrupted
0191 123	No reaction; number is not blocked
010xy 0901 123	No reaction; number is not blocked

xy stands for any number (2 or 3 digits) between 0 and 9 (call-by-call test)

If you have changed the factory settings or set any additional blocks, you must expand or adjust the function test.

*Example:* You have also blocked the prefix 038 but enabled number 0381 123456. Call-by-call recognition is on.

Number:	CallBlocker reaction
038 6789	Warning tone and dialling interrupted
0381 1234567	No reaction; number (not blocked) is enabled
010xy 038 6789	Warning tone and dialling interrupted
010xy 0381 1234567	No reaction; number (not blocked) is enabled

**Important:** If the CallBlocker does not function as expected, a programming error was made, a function is faulty or another problem exists. You must resolve the problem immediately. See the **Troubleshooting section**.

**8. Deleting programming**

You have up to 16 memory locations for prefixes (1 to 4 digits) and up to 10 memory locations for telephone numbers (1 to 11 or more digits). For example, you can block 6 telephone numbers and enable 4 VIP numbers.

To delete the list of all prefixes, whether blocked or enabled, proceed as follows: (always wait for the CallBlocker dial tones)

*To do so:*

- Pick up the receiver
- Enter password ##0000 (dial tone) # (dial tone)
- Delete list of all prefixes: \*# (dial tone)
- Hang up the receiver or enter additional commands beginning with the password

The entire list of prefixes in the CallBlocker's memory is deleted, and space is available for up to 16 new entries.

To delete the list of all telephone numbers, whether blocked or enabled, proceed as follows: (always wait for the CallBlocker dial tones)

*To do so:*

- Pick up the receiver
- Enter password ##0000 (dial tone) # (dial tone)
- Delete list of all telephone numbers: \*# (dial tone)

- Hang up the receiver or enter additional commands beginning with the password

The entire list of telephone numbers in the CallBlocker's memory is deleted, and space is available for up to 10 new entries.

Deleting both lists is a good idea if you are not sure whether older entries that are no longer required have been deleted. They would take up memory unnecessarily.

If the memory is full, the CallBlocker does not accept any entries and issues a long dial tone or paired tone.

**9. General notes**

a) Please be aware that *information services offer forwarding*. You can use this service to get around a blocked mobile phone number. Telephone numbers of these types of services usually begin with 118xy and should be blocked according to their use.

There are also other similar services that use toll free numbers such as 0800 numbers to try to connect you to toll services. They usually ask you if you would like the call to be completed before making the (toll) connection. See the German Regulator Authority for Telecommunications and Posts Web site ([www.regtp.de](http://www.regtp.de)) for information.

b) Users are responsible for all of the CallBlocker features described here.

**IMPORTANT:** Users must always make sure that each block functions properly.

See the "Checking settings" section.

c) When blocking individual telephone numbers with your own area code, you must also block your own area code to prevent numbers from being dialled when the area code is also dialled.

**Note:** Do not forget additional 0's that may be necessary when using PABX devices.

It is also a good idea to enter as few digits as possible when blocking individual telephone numbers. This prevents undesirable calls from being placed if connections are extremely fast.

d) When using the blocker with the analogue line of ISDN PABX devices, please activate the option of selecting an outside line automatically; i.e. it must not be necessary to dial 0 for an outside line.

e) Instead of c), you can retain the option of selecting an outside line by dialling 0 if you set a 0010 block on the CallBlocker (switch off call-by-call block and set 0010 block using # code# 0010A) and if you change the pre-programmed blocks from 0190 to 0019 and 0900 to 0090. Call-by-call is not possible. PABX devices of this size generally have an integrated LC router or their line is preselected.

f) 0900 numbers began replacing 0190 numbers in the beginning of 2003 and will continue to do so through 2005.

g) See the German Regulator Authority for Telecommunications and Posts Web site at [www.regtp.de](http://www.regtp.de) for more information on telephone numbers.

h) When entering commands and codes, wait for the confirmation signals from the CallBlocker before making new entries.

i) Blocking and enabling telephone numbers

Enter up to 11 digits of telephone numbers that you would like to block or enable. The CallBlocker can only store 11 digits, even if the number you would like to block is longer.

Likewise, enabled numbers are only checked through their 11th digit and permitted.

Block as few digits as possible to ensure that the call is blocked early.

j) Programming ISDN PABX devices

Some ISDN PABX devices already use the combination of ## and their code for internal programming. In this unlikely case, press the Flash or R key to begin programming the CallBlocker at the "enquiry call" level of the PABX. Or program the CallBlocker at a normal analogue landline jack, for example friends' or neighbours' line.

k) The CallBlocker functions only with touchtone lines and touchtone terminals. Pulse dialling terminals are not compatible with the CallBlocker. If you want to use devices with pulse dialling as receivers only, block pulse dialling in your PABX (if applicable) or have your service provider (for example, Deutsche Telekom AG) block pulse dialling if the receiver does not work. See the operating manuals of devices.

l) Check the block function of your CallBlocker regularly to make sure that it is still functioning, that programs have not been changed and that it has not been damaged or unplugged.

m) The CallBlocker complies with R&TTE Directives and is CE-certified. A warranty is provided as required by law. The blocker must not be opened, modified or damaged by mechanical means.

The CallBlocker may only be used for the purpose described here. Enable emergency numbers!!!

n) The CallBlocker works with a large range of supply current. In rare cases, it may not receive enough electricity when used with older telephone toggle switches such as AMS and AWAD0.

If this is the case, replace the toggle switch with a Y-switch, Hama item no 44811.

Please read this manual carefully. Contact our technical service for support.

**10. Note: using the CallBlocker with PABX/ISDN PABX**

Users operating the CallBlocker with a PABX should read section 8, particularly parts c), d), e) and j).

**11. Examples**

You must enter the password (for example, ##0000#) before entering a command!

**Short tones** indicate **OK**, **long tones** indicate an **error**. Always wait for the tones.

**PW** stands for password in this example.

- Switching on a 3 minute time limit: **PW \*3#** confirm and end by hanging up the receiver. Conversations are ended after 3 minutes. To switch off the feature: Enter 0 instead of 3.
- Blocking prefix 089: **PW 089#** confirm and end by hanging up the receiver. If 089 is dialled, the call cannot be completed.
- Blocking prefix 089: **PW 089#** and then enabling prefix 0891: **PW 0891\*** Confirm and end by hanging up the receiver. 0891 can be dialled.
- Enabling prefix 0898: **PW 0898\*** confirm and end by hanging up the receiver. 0898 can be dialled.
- Removing 089 from the list: **PW #089#** confirm and end by hanging up the receiver. Prefix is no longer blocked.
- Removing all prefixes from the list: **PW \*#** Confirm and end by hanging up the receiver. No prefixes are blocked.
- Blocking prefixes for mobile phones: **PW 015# PW 016# PW 017#** Confirm and end by hanging up the receiver. All mobile phone networks are blocked.

**Note:** This list of prefixes was current at the time this manual was printed.

8. Blocking prefixes for mobile phones: **PW 015# PW 016# PW 017#** AND enabling a mobile telephone number: **PW 0171 123456\***

Confirm and end by hanging up the receiver.

All mobile networks are blocked, but one mobile number is enabled.

**Note:** This list of prefixes was current at the time this manual was printed.

9. Blocking all telephone numbers: **PW 0# PW 1# PW 2# PW 3# PW 4# PW 5# PW 6# PW 7# PW 8# PW 9#** AND enabling four telephone numbers: **PW 0171 123456\* PW 123456\* PW 7891234\* PW 6598752\***

Confirm and end by hanging up the receiver. Complete block, four telephone numbers enabled.

10. International block: **PW 00#**

Confirm and end by hanging up the receiver. All international calls are blocked.

11. Switching on call-by-call recognition: **PW ##**

Confirm and end by hanging up the receiver. The CB-13 recognizes if a telephone number with a cost-saving prefix 010xy is dialled and then blocks the undesirable numbers.

**RECOMMENDATION:** Always switch on call-by-call recognition.

12. Switching off call-by-call recognition: **PW \*\***

Confirm and end by hanging up the receiver. The CB-13 does not recognize if a telephone number with a cost-saving prefix 010xy is dialled.

**RECOMMENDATION:** Always switch on this feature, except possibly when programming.

**Note:** Examples 1 through 12 were selected randomly. Any combination can be entered.

In other words, after entering the password, you can set a time limit and program different prefixes and telephone numbers.

**12. Full memory**

The CallBlocker's memory allows up to 16 prefixes (blocked or enabled) and up to 10 (VIP) telephone numbers. Prefixes are considered numbers with 1 to 4 digits. Telephone numbers have 5 to 11 or more digits including the prefix.

Once the CallBlocker's memory is full, no more entries can be made. The blocker acknowledges entries with a long dial tone.

In this case, check the entries you have made and delete some or all of them as described in this manual.

**13. Troubleshooting**

**Problem:** I can't dial out (since the CallBlocker is connected).

**Solution:** Your telephone may be a pulse dialling telephone.

Switch it to touchtone, or use a touchtone phone.

**Problem:** I can't program.

**Solution:** The programming switch is not switched to PROGR EIN, or the memory is full.

Delete the entries you no longer need from the memory.

Check whether the CallBlocker and telephone are connected properly.

**Problem:** I hear rattling when I pick up the phone.

**Solution:** You may have an old AWAD0 or AMS telephone toggle switch installed.

Replace it with the Hama Y-switch as described in this manual.

**Problems with small PABX devices or terminal adapters:**

Some small terminal adapters do not provide the correct voltage. The voltage is only high enough for one telephone to work. Terminals may not be compatible with each other. Modems and cordless telephones are the most compatible. Check whether the error still occurs with other terminals (telephone).

A different terminal adapter may be the solution.

**14. Notes/settings**

Record your settings here

**Enable emergency numbers!!!**