Honeywell

Operating Instructions

Keypad TouchCenter plus
Item no. 013003, 013004, 013005

Contens

1. Safety notes

Read this manual carefully and completely before installing and starting up the device. It contains important instructions on installation and operation.

The device is designed to state-of-the-art technological standards. It should only be used:

- correctly and
- in a technically perfect and correctly installed condition
- in accordance with the technical data.

The manufacturer is not liable for damage resulting from incorrect use.

Installation, programming, maintenance and repair work should only be carried out by authorised skilled personnel.

Soldering, connection and installation work within the overall system should only be realised in a deenergised condition. Soldering work should only be realised with a soldering iron with temperature control which is galvanically isolated from the mains power supply.

German electrical standards and regulations of local electricity suppliers should be observed.

> The Touch operating module should not be used in rooms where there is a risk of explosion or where vapours may decompose metal or plastic materials.

2. General

By deciding to install an intrusion detection control unit, you have taken a step towards greater security. In the control unit unites are the most up-to-date electronics, innovative technology and years of experience of one of the largest manufacturers of intrusion detection systems in one highly-developed product.

The large number of operating options and alarm types and the extensive programming options guarantee ideal adaptation to your individual security requirements.

If the control unit is also fitted with an integrated telephone dialling device, a silent alarm can be transmitted via the public telephone network to the digitized receiving control unit of a commissioned security firm. The security firm can then take the necessary steps (e.g. police operation). There is also the possibility of triggering a local alarm, if the relevant person cannot be reached.

If your control unit is installed for remote parameterization, the installer can access the intrusion detection control unit via remote programming (e.g. to change a telephone number).

These instructions explain how to work with the control unit at user level. You will learn all you need to know about operating the device, from the functions of the display and operating elements to simple troubleshooting.

Programming which affects the system is reserved for the installer. Please contact the installation company if you have any problems, desires to upgrade the system, etc.

Very few operating procedures are required in normal, everyday operation. This means that knowledge of operating and general handling can be quickly forgotten under certain circumstances. These instructions should therefore, be stored in the immediate vicinity of the device so that they are at hand when required.

When the slideshow function is activated and switched on, the TouchCenter can be used as an electronic picture frame.

Important information!
Depending on the type of panel and the panel programming not all functions described in this manual are possible.

3.   Important information on operation

3.1   Operation

The operating and display panel "Touch operating module TouchCenter plus" is used as a status display for operating your intrusion detection central control unit. Operation of the system is dialog managed via a touch screen. i.e. by touching the display with a finger the desired operating functions can be selected and operated. The operating and display panel provides clear and comprehensive information on the system status.
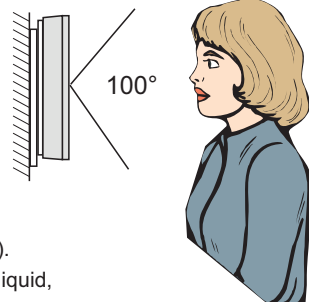
Do not operate the touch screen with sharp or rough objects!
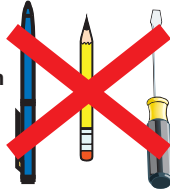
3.2   Visual angle

Set the visual angle of the display to obtain optimum legibility.

100°

3.3   Cleaning and care

Before Cleaning please **disable touchscreen** (see Capter 11.2).

For Cleaning use a damp, soft cloth. **DO NOT** use any other liquid, sprays or ammonia-based cleansers.

Do not use abrasive or plastic decomposing liquids, e.g. petrol, terpentine, thinner, etc. Aggressive cleaning agents can damage or discolour the surfaces.

Do not use cleaners, e.g. scouring agents, scrub sponges. Clean with a soft, moist cloth and clear water.

4.   Integrated reader

An IK2/proX1 and IK3/proX2 card reader for user authorization is integrated into the Keypad.

Hold the data carrier in front of the keypad - approximately in the middle of the reading range.

Whether a data carrier is required for the authorization, will be determined on the panel programming.

The following combinations are possible:

-    PIN only
-    Data carrier only
-    PIN and/or data carrier

Reading range

The reader can be used at the panels MB-Secure (from V01.06).

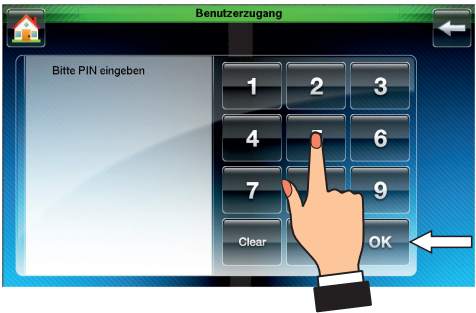## 5.   Operating code

5.1   Code input

- Enter code
- Clear input by touching "**Clear**"
  Acknowledge by touching "**OK**".

Hold-up code: PIN + ☐ (1 – 9)

A possible tens digit is not carried over.

Depending on the panel type the operating functions are distributed over 3 different authorization levels or the operating functions are allocated to the operating code (see 5.2).

The Touch operating module can be programmed as follows depending on the application:

For <u>one</u> zone:	display with code,	operation with code	☐
	display without code,	operation with code	☐
	display without code,	operation without code	☐
For <u>several</u> zones:	display with code,	operation with code	☐
	display without code,	operation with code	☐
	display without code,	operation without code	☐

5.2   Overview of levels of authorization

MB Classic (except 561-MB256 plus):

The following overview provides information on which operating functions may require the entry of a code according to the programming.

Code 4-digit	Code 5-digit	Code 6-digit
- View detector groups	- Clear detector groups	- External disabling/enabling
- Start macro	- Internal disable detector groups	- Clear tamper detector groups
- Internal arming	- Activate walk test	- Change date and time
- Touch module settings	- View event memory	
- Slideshow	- Internal disarming	

MB-Secure and 561-MB256 plus:

In this control panels the individual operating functions are allocated to the operating code (561-MB256 plus with 1 to 8 digits, MB-Secure with 4 to 8 digits).
Ask your installer for further information on the operating code (number of digits and released functions).

5.3   Variations of the code inputs

Code digits	Variations	Security Grade
Code 4 digits	10,000 possibilities	Grade 2
Code 5 digits	100,000 possibilities	Grade 3
Code 6 digits	1.000,000 possibilities	Grade 4
Code 7 digits	10.000,000 possibilities	Grade 4
Code 8 digits	100.000,000 possibilities	Grade 4

When using a hold-up code, the above specified variation possibility is halved.

Same code for different users can not be used.

6.   Keypad basic state

6.1   Home screen

This icon appears only when a video camera is present.

Opens directly the menu "Show camera image".

This icon appears only when a message is present.

Opens directly the menu "Message Center".

In the basic state (without impending fault or triggered detector group), the backlighting is deactivated and the screen is dark or the slideshow function is activated and switched on. In case of alarm, the display is activated to achieve a better signalling effect. After touching the screen the home screen and the current time/date is displayed.

With key " ⬅ " the backlighting is deactivated again.

If there are no further entries during operation (key " ⬅ " not pressed), the display switches to the basic state or to the slideshow. If the slideshow is switched off the display illumination will be deactivated according to the programmed operating time. Touch the screen with a finger to reactivate the display illumination.

Key "Security"		Key "Automation"
Operation and status indication of an intrusion detection alarm system.		Starting and stopping of macros. (Details see Chapter 9.)
(Details see Chapter 8.)		
		Key "Slideshow"
		Starts the slideshow immediately (Details see Chapter 10.)

 Stop operation.

 Video/Audio (Details see Chapter 10.)
Video camera, pictures, slideshow settings, voice messages

 Settings (Details see Chapter 11.)
Display brightness, display settings, volume of the audio playback
System settings, date/time, IP settings

 Installer informationen
freely programmable text (e.g. address of the installer).

6.2 General Operation

Back to previous display

Back to Home screen

If touched on the Home screen:
Stop operation.

Select line with keys up/down
or
Change settings

Slide control
vertically scrolling the screen display
or
adjusting the screen brightness
or
adjusting the audio volume

Screen display:

Zone 003 Disarm

EMBSC.00.0V04.78
Serial Number: 00302-08400034
Type: MB Secure 6000
165.195.20.217
MB-Secure-TD
Date : 26.4.2016 Build 00001
ETCTF.31.0P02.05
MCU.0P00.02

6.3 LED indicators and Buzzer function

LED red lights up: Intrusion alarm
LED red flashes: Tamper or hold-up alarm

LED green lights up: Unit ready for operation
LED green flashes: Unit **not** ready for operation

LED yellow lights up: General fault of central control panel
LED yellow flashes: Mains fault of central control panel

Buzzler, activated

- when switch-on delay is active
- in case of internal alarm (time limited)
- in case of tamper alarm or fault until manually stopped
- after external disarming
- when clearing (system reset), walk test on
- when touching the screen as acknowledgement signal
- with door interlock function when arming and disarming
- with reminder signal after alarm and external disarming
- in case of faults
- Additional functions programmable by installer
  (output programming)

7.   Menu tree

Chapter references in ()   Home screen

① Security (8.) ———— External Arm
                    — Internal Arm
                    — Disarm
                    — Change Zone
                    — Show/clear messages
                    — More Choises

        — Detector groups ——— Show, int./ext. enable/disable
        — Event memory ——— Show
        — Maintenance ——— Next maintenance, Remote parametrisation
        — Test ——— Walk test, Accu- and Detector group test
        — More Choises

        — Doorguards — Close, Short release, Permanent release
        — IDENT-KEY User & PIN — Show users, enable/disable, change PIN
        — Alter Times — Switch on delay, Pre-alarm time
                        Time for exit/entry route
                        Pre-warning for exit/entry route

② Automation (9.) ———— Start/stop macros

③ Slideshow (10.) ———— Start Slideshow immediately

④ Camera (10.) ———— Show camera image (appears only when a video camera is present)

⑤ Video/Audio (10.) ———— Camera Setup ——— List of installed cameras
                                        — Install cameras, change settings
                                        — Control pan/tilt cameras

                        — Slideshow Setup ——— Show image(s) from SD card
                                            — Select images for the Slideshow
                                            — Display time for an image
                                            — Cross-fading type
                                            — Change wallpaper

                        — Messages ——— Record/play messages

⑥ Settings (11.) ———— Brightness
                    — Volume
                    — System information
                    — Deaktivate screen for cleaning

                    — System Settings ——— Date/Time, Daylight Saving Time on
                                        — Keypad test
                                        — Option Trace Mode

                    — Display Settings ——— Select language, language update
                                         — Backlighgt off after... sec./min.
                                         — To homepage after... sec./min.
                                         — Auto Slideshow after... sec./min.

                    — IP Settings ——— Dynamic/static IP address
                                    — LAN/WLAN on/off

8.   Menu "Security"

8.1   Overview

Home screen –>

Security
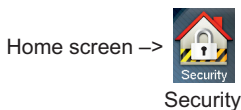
Menu "Arm/Disarm" opens.

Home screen

Menu "Arm/Disarm":

- Internal Arm
- External Arm
- Disarm
- Change Zone
- Show/clear messages

Details see 8.2 and 8.3.

More Choises

Menu "Select 1":

- Show Detector groups, enable/disable
- Show Event memory
- Maintenance: next Maintenance, Version, Remote parametrisation
- Test: Walk test, Accu-/Detector group test

Details see 8.4 to 8.8.

More Choises

Menu "Select 2":
(only MB-Secure)

- Doorguard
- User & PIN
  show IDENT-KEY users, enable/disable, change PIN
- Alter Times

Details see 8.9 to 8.11.

8.2   Arming-/disarming

Home screen –>
                    Security
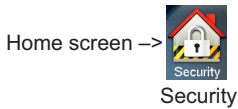
Arm/disarm the zone displayed in the info line with the keys "External Arm", "Internal Arm", "Disarm".

If arming is not possible (e.g. positive drive not fulfilled), the icons in the keys are white.

Message Icons:

 Show messages

 Clear messages
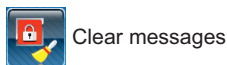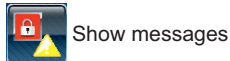
The icons "messages" are displayed only when a message is present.

Key for changing the zone

The key "Change Area" is only available when no "Overview menu" is programmed in IQ PanelControl.

8.3   Zones

The key "Change zone" or a programmed "Overview menu" (in IQ PanelControl) opens the operating menu "Partition overview".
The keypad can be switched to another zone.

 Select zone with keys up/down

 Apply zone
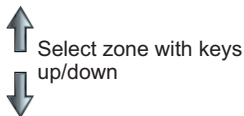
Arming/disarming
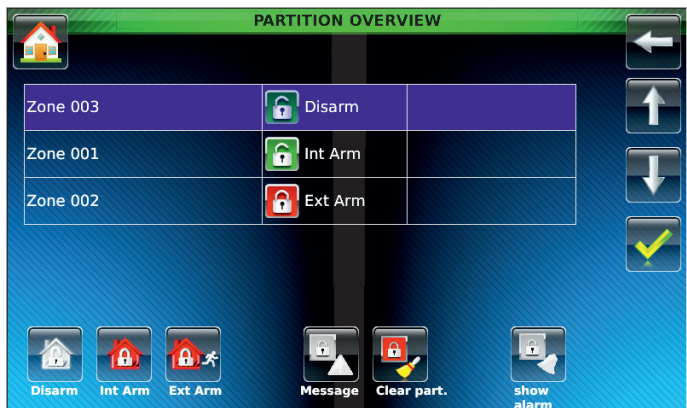
If the selected zone requires an other operation code, the display jumps to the menu "Code input" or the message "No authorization for this zone" is displayed.

8.4   Detector groups

Home screen –>   –> More Choices –>

               Security   Detector groups

Filter for display:

 Only actuated detector groups

 Only technical detector groups

 Only fire detector groups

A combination of the filters is possible (e.g. only actuated fire detector groups)

Column "Disabled int." and "Enabled ext.":

In the two columns the detector groups are marked with "X" that are disabled internally and / or externally.

Column "State":

Triggered detector groups ar marked with "X" and are shown in red.

Enable/disable detector groups:

   Select detector group with the up/down keys
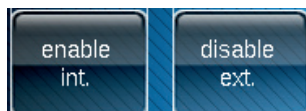
   Change state using the keys "enable/disable". (Toggle Function)

Column "State":

Actuated detector groups with messages are marked with "X" in the column "State".

Display messages see the following chapter.

8.5   Alarm messages

8.5.1   Messages occur in disarmed state

Instead of the Home screen the Alarm screen is displayed.

The red LED flashes.

ALARM
Please Touch Display!

ℹ️ In disarmed state the Alarm screen is triggered only by messages in which in IQ PanelCotrol "Alarm signalling always" is programmed.
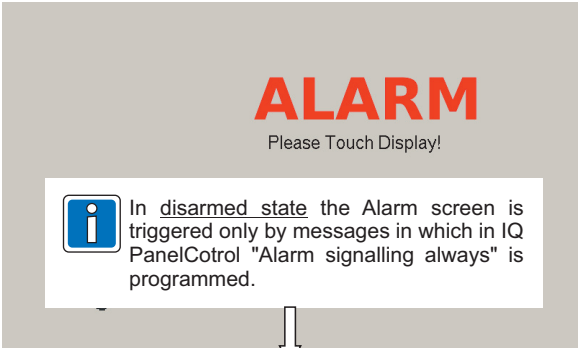
Alarm messages:

Show alarm messages
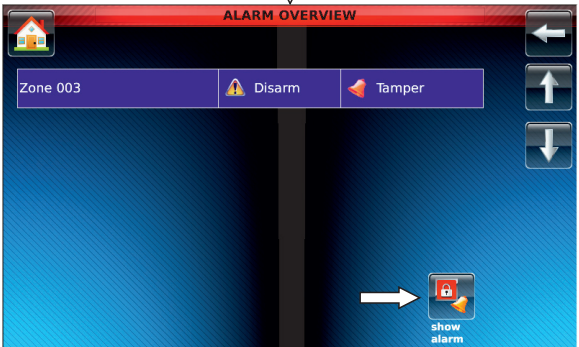
ALARM OVERVIEW

Zone 003	⚠️ Disarm	◄ Tamper

show alarm

Additional informations to the selected detector group

Zone 003 Disarm

ALARMS

Tamper
Fire

Clear messages

Clear Prevention:

If e.g. tamper is still present, the message can not be cleared.

In this case "CLEAR PREVENTIONS" is displayed.

Zone 003 Disarm

Fire
Main alarm

Fire 0003

Fire alarm
Input 003
C:02 A:02
5-Input module 003
Date :17.10.16
Time :14:04

Display of input assignment:

C:02 = Controller 2
A:02 = Address 2

Show messages:

Home screen –>

Security

Show alarm messages
(see the previous page)

Show messages

Clear messages

Clear Prevention:

If e.g. tamper is still present, the message can not be cleared.
In this case "CLEAR PREVENTIONS" is displayed.

Messages:

Refresh display

Additional informations to
the selected message

Ignore function.
Disabled externally until the
next disarming.
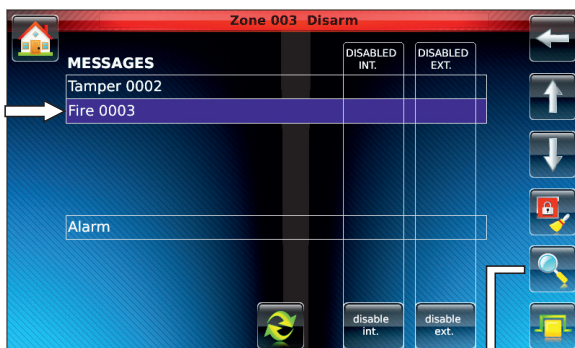
Selection "Fire":

Display of input assignment:

C:02 = Controller 2
A:02 = Address 2

Selection Alarm: Display see the previous page.

8.5.2   Messages occur in armed state

Home screen –>

Security

The existence of messages can be seen on the red info line.

  Show alarms

  Additional informations to the selected detector group
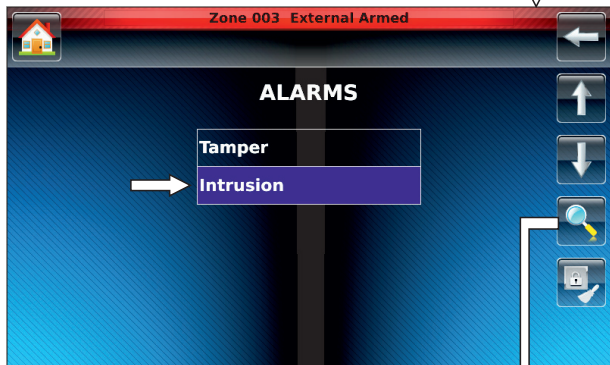
Display of input assignment:

C:02 = Controller 2
A:02 = Address 2
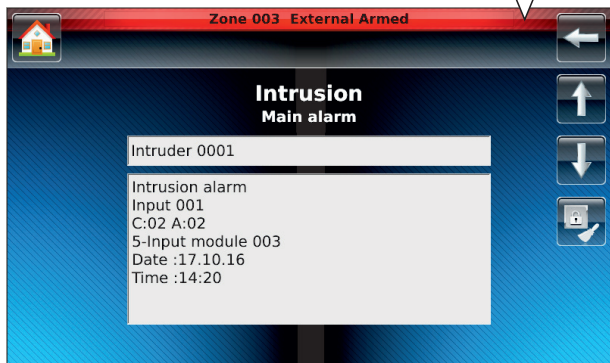
For the next steps, the system must be *disarmed*.

After that, the Alarm screen is displayed.

Continue with Chapter 8.5.1.

8.6   Event memory

Home screen
–> Security
–> More Choices
–> Event Logs

The alarm counter shows the number of external alarms from start-up of the system.

The list shows all events in chronological order.

To scroll use up/down keys or slide control

With the key "details" can be switched between short and long text.

With key "Only alarms" the event memory is filtered for alarm entrys.

The window of the alarm memory shows all alarm events, also internal alarms.
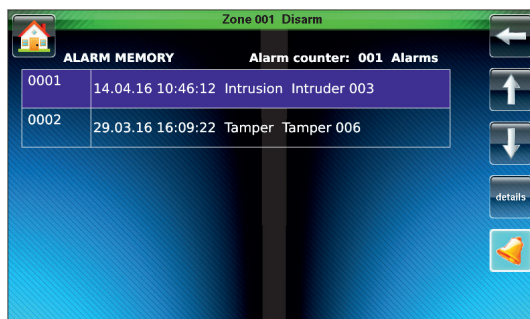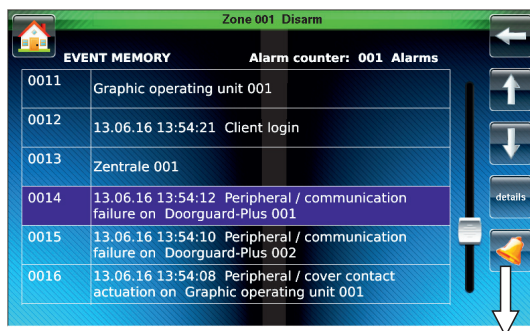
8.7   Maintenance

Home screen
–> Security
–> More Choices
–> Maintenance

Menu for displaying versions and for input of the next maintenance date.

The mode of release of the remote parametrisation depends on the panel programming:

1.   Manual release:

Enable remote parametrisation

Key changes

Stop remote parametrisation

2.   Permanent release:

Key "Enable remote parametrisation" is absent.

"Disabled" is replaced by "Permanent release".

Use the key "Version" to display the software-versions of the panel and the TouchCenter.

To scroll use up/down keys

8.8   Test

Home screen –> –> More Choices –>
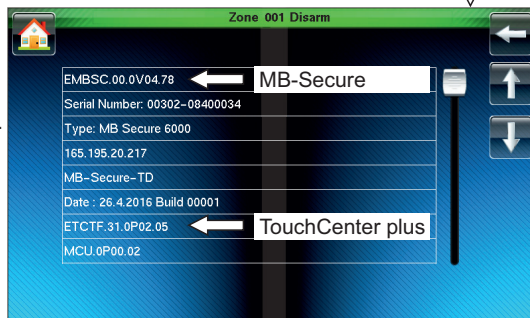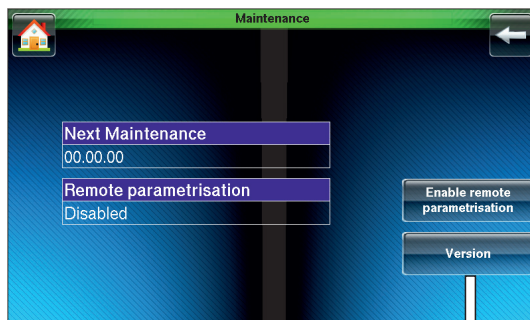
             Security   Test

8.8.1   Walktest

The key "Test" opens the menu for the walk test as well as display and buzzer test.

In the menu you can activate or switch off the walk test for the selected zone.

The walk test is switched off by arming/disarming the zone, too.
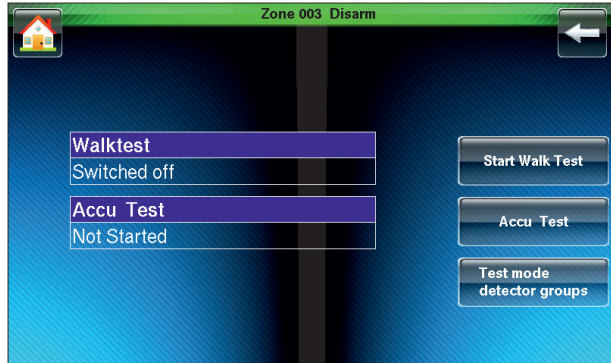
8.8.2   Accu test

The accu test is only possible in conjunction with MB-Secure panels with BUS-2 power supply (013950, 013960).

8.8.3   Test mode detector groups

        (only MB-Secure)

Show detector group(s)

Touch this key to display the properties
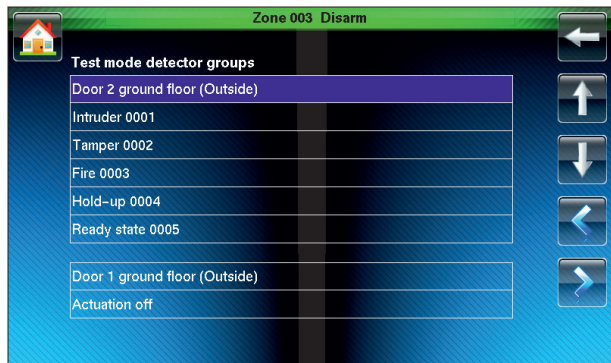
8.9 Doorguards
(only MB-Secure)

Home screen
–> Security
–> More Choices
–> More Choices
–> Doorguards

Operating functions:
- Close (no release)
- Short release
- Permanent release

In case of an **alarm** the **triggered door** is shown in **red**,
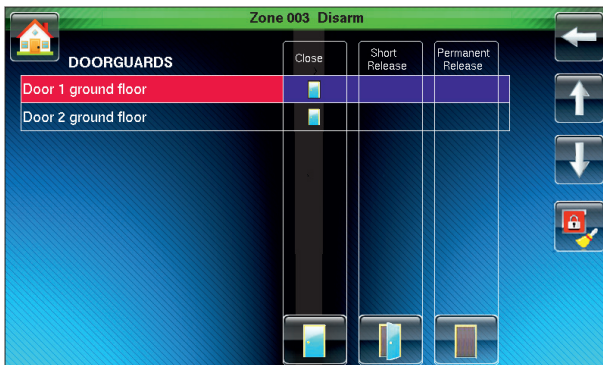
Clear alarm from Doorguard (all other messages are preserved)

8.10 IDENT-KEY User & PIN
(only MB-Secure)

Home screen
–> Security
–> More Choices
–> More Choices
–> USER & PIN

Functions:
- Display applied data carriers.
- Disable/enable data carriers.
- Change PINs.
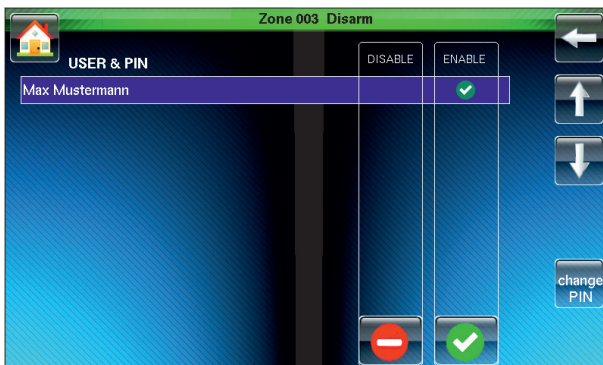
8.11 Alter Times
(only MB-Secure)

Home screen
–> Security
–> More Choices
–> More Choices
–> Alter Times

Change settings with the up/down keys

Apply settings
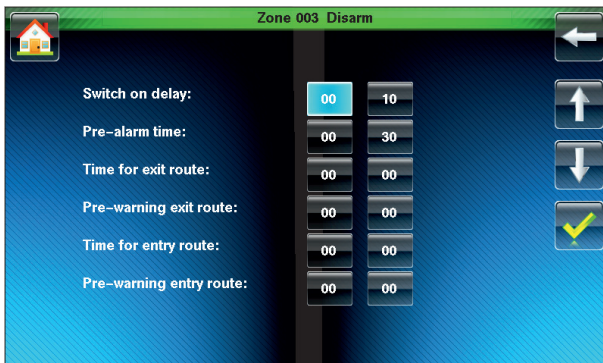
9.   Menu "Automation"

Select "Automation" on the home screen. The menu displays the macros.
The "Start" key is used to start the selected macro.
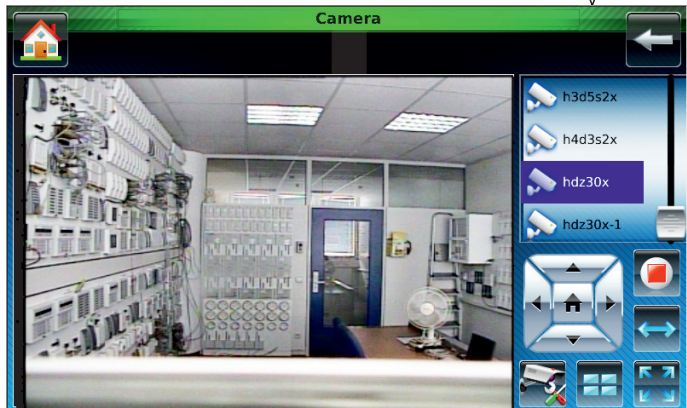
10.   Menu "Video/Audio"

10.1   Video

10.1.1   Show camera image

Home screen –>

Camera

Start display

Key changes

Stop display

4x multiscreen

Key changes

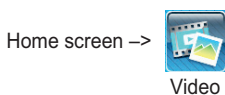Back to normal screen

Full screen display.
To exit touch screen

Automatic camera swivel left and right and back to the starting position (Only if supported by the camera).

Menu "Camera setup"
(see next page)

Pan/tilt camera (Only if supported by the camera).

10.1.2   Camera setup, add new cameras

Home screen –>

Video

Touch key "Camera Setup"

or

  Camera Setup

 Automatically search of camera(s)

 Add camera manually

 Camera settings (see next page)

 Delete selected camera

 Delete all cameras

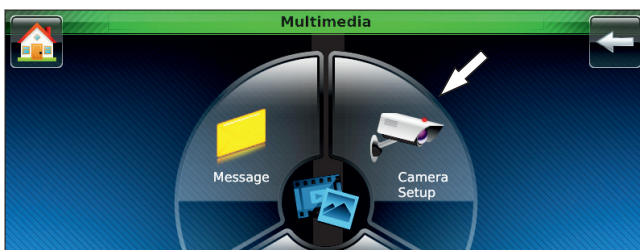 Camera configuration (see next page)

 WLAN settings

Add New Camera:

 Save

 Disconnects the camera briefly (Camera reset)

 Refresh display

 Reset

By touching a field an alphanumeric keypad opens.

10.1.3   Change Camera Settings

Change Camera
settings

Save

Disconnects the
camera briefly
(Camera reset)

Refresh display

Reset

By touching a field an alphanumeric keypad opens.

Camera configuration:

Camera settings

10.2   Slideshow

10.2.1   General informations on the slideshow

The slideshow uses image files of .JPG, .BMP and .PNG format.

The image files must have the following properties:

- **BMP-files:**   Only images of 8-Bit or 24-Bit colour depth are supported.
- **JPG-files:**   Only images with a linear structure are supported (e. g. photos taken by a digital camera).
- **PNG-files**:   Only images of 8-Bit or 24-Bit colour depth are supported.

Images with an incorrect file format will not appear in the list.

The image files should be stored in the root-directory of an SD or SD-HC card (max. 16 GB). Additionally, there can be images in a directory, too.

Basically, all images on the SD memory card are displayed in the slideshow. If only certain images are wanted, they must be marked.

A card may contain a maximum of 1000 images to be used in slideshows. A maximum of 500 images may be selected for the slideshow. The display sequence corresponds to the sequence the images are copied onto the memory card.

We recommend using photos 640x480, max. 1MB.

Insert the memory card with its contacts showing down till you hear a click.

Note:

The SD memory card is accessible only when the Keypad is removed.
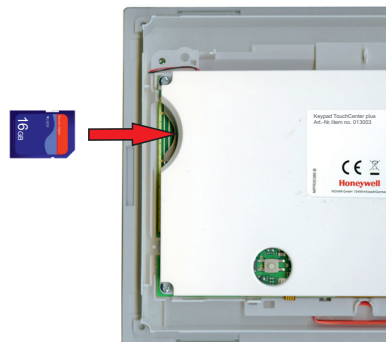
Start slideshow

- **Manually**

Start slideshow immediately with key "Slideshow" on the Home screen. (The slideshow also starts when it is deactivated).

or

- **Automatically**

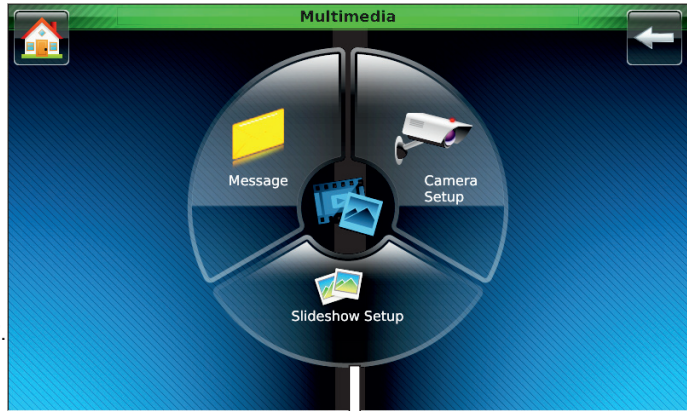The activated Slideshow will start automatically after the last operation.

The time between the last operation and the start of the slideshow can be adjusted in 6 steps from "Never" (deactivated) to "10 minutes" (see 11.4 "Display Setup").

10.2.2   Slideshow settings

Home screen –>

Video/Audio

Touch key "Slideshow setup".

Selecting this menu opens a preview window on the left-hand side viewing the first image or an information text.

On the right-hand side there is a list of all images stored on the SD-card.

Select a picture by touching the line.

To scroll use slide control.

The buttons on top are used for navigation of files/folders:

- **Top**:   Next higher level or folder.
- **Open**:   Opens the selected folder.
- **Clear all**: Removes all selected images from the slideshow.
              The left-hand side of the menu window displays a preview of the selected image file or an
              information text for navigation

The functions of the round buttons below the preview window are:

| Start slideshow | Display previous image | Display next image | Select image / remove selection | Use image as wallpaper |

Configure time and cross-fading:

Set the display time for an image using the drop down field "Slide delay".

Set the cross-fading type using the drop down field "Transition".
- **Standard**   Seamless change from image to image.
- **Horizontal** The current image will be pushed aside by the following
                  image.
- **Vertical**   The current image will be pushed up or down by the
                  following image.
- **Blind**   The current image will be faded out and the following
                  image will be faded in jalousie-like.
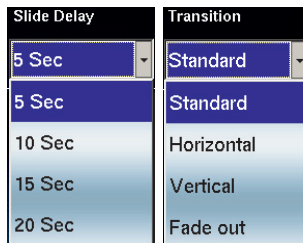
After touchung the key "⬅" there appears a window to confirm the new settings.
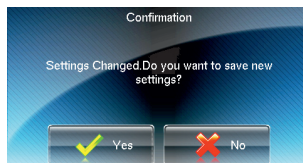
Select images / folders:

- Select image by touching the filename/folder on the touch screen.

- Touch key "Select image". Repeat this procedure until all required images are selected.

2016.04.28_10.20.36.png   The icon of the filename/folder is marked with ✔ .

A selection can be removed by re-pushing the "Select image" key.

To remove all selections use the "Clear All" key.
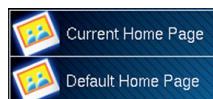
10.3   Wallpaper

It is possible to use some of the slideshow images as a wallpaper.

Therefore:
- select the required image.

- Touch the "Image as wallpaper" key.

"Saving wallpaper. Please wait..." is prompted.

The selected image will be saved in the file "Current Home Screen" and used as new wallpaper. To reactivate the image/logo configured by the installer the file "Default Home Screen" must be selected as wallpaper.

10.4   Audio - Messages

Recording and playback of voice messages.

Home screen –>

Video/Audio

Touch key "Message".

or

If a message already exists:

Home screen –>

Messages

Select recording by touching directly or using the "PREV" or "NEXT" key.

Start recording

Key changes

Stop recording

Change to the next recording

Change to the previous recording

The name of the recorded file automatically includes the date/time as well as the complete recording time.

| Play the selected recording | Delete the selected recording | Delete all recordings |

Displays the remaining recording time in seconds, max. possible 120 seconds.

11. Menu "Settings"

11.1 Selection menu

Home screen –>
Settings

2 slide controls:
- Display brightness
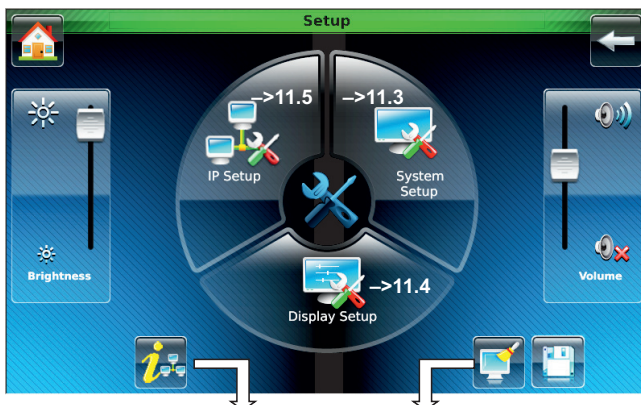- Audio volume

Calling menus:
- System Setup
- Display Setup
- IP Setup

System information
(IP informations only if
LAN is "on")

11.2 Clean screen

Disable screen for
cleaning.

11.3 System Setup

Calling menus:
- Time/Date Setup
- Keypad Test
- Options

Setup
–>11.5   –>11.3
IP Setup   System Setup
–>11.4
Display Setup
Brightness
Volume

Interface Name : WIRED_LAN
Host Name : Tux00D02D877BDC
MAC Address : 00:D0:2D:87:7B:DC
CRC : 429D
IP Address : 165.195.20.252
Broadcast Address : 165.195.20.255
NetMask : 255.255.255.128

An information text about
cleaning the screen appears.
The key "Continue" disables the
screen 30 sec. for cleaning.
The remaining time is displayed
in the bottom line.

System Setup
–>11.3.3   –>11.3.1
Options   Time/Date Setup
–>11.3.2
Keypad Test

11.3.1 Time/Date Setup

Home screen
–> Settings
–> System Setup
–> Time/Date Setup

- Set Time/Date.
  To set the year and time:
  - Touch the corresponding field
  - Numeric keyboard opens

- Set "Daylight Saving Time" on

- Select date format

- Apply setting.

Time&Date Setup

| June | 2016 | 10 : 19 |
| Sun | Mon | Tue | Wed | Thu | Fri | Sat |

MM/DD/YY
MM/DD/YY
DD/MM/YY
YY/MM/DD
DST on

Apply
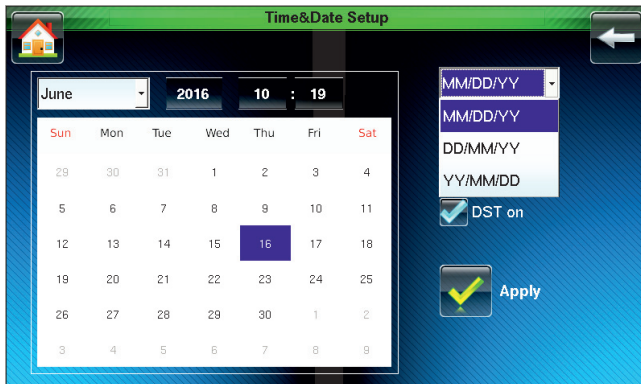
11.3.2   Keypad Test

Home screen
–> Settings
–> System Setup
–> Keypad Test

Keypad Test		
LCD Display Test	Passed	
Audio Test	Passed	
LED Test	Passed	
Calibration	Passed	

Perform the 4 tests sequentially.

Start Test

Follow the prompts on the screen.
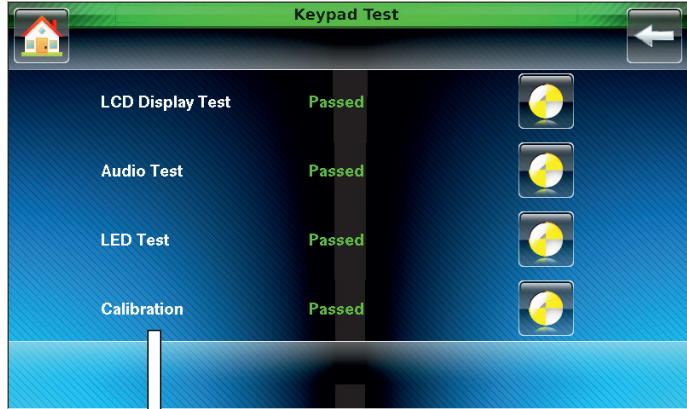
Calibration

Starting at the top on the left the 4 crosses appear sequentially.

Touch the currently displayed cross.

Note:

Use a thin pointing pen for calibration.

Otherwise an incorrect calibration may result.

Touch screen calibration
Touch crosshair to calbrate
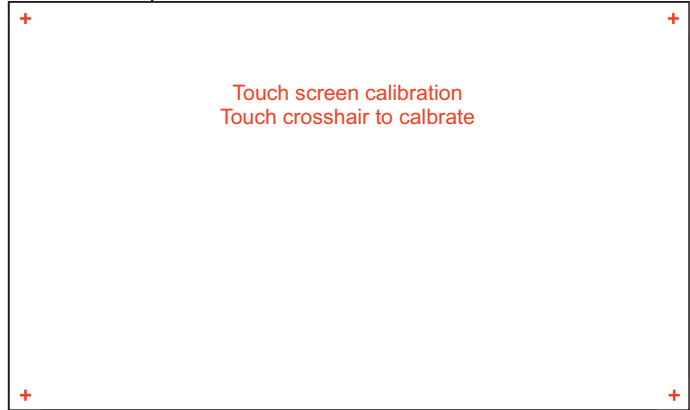
11.3.3   Options

Home screen
–> Settings
–> System Setup
–> Options

Trace Mode in preparation.

(Installer function. Recording BUS-2 data)

Options
OPTIONS
Trace Mode
Apply
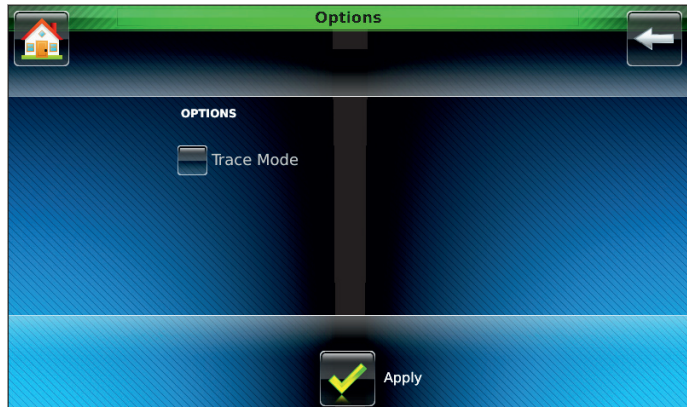
11.4   Display Setup, Language upgrade

Home screen
–> Settings
–> System Setup
–> Display Setup

Touch corresponding field on
the left.
Change setting with the
up/down keys.

Load language
from SD card.
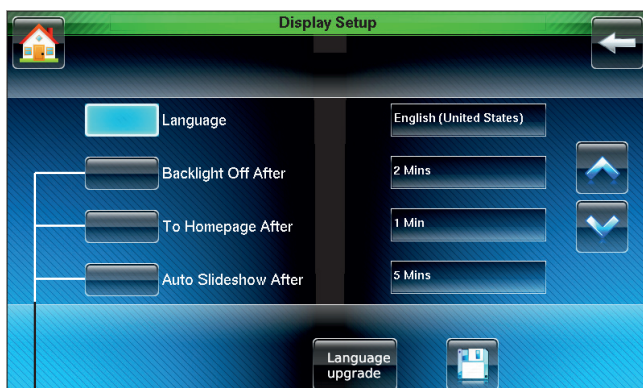
Adjustment possibility: never, 30 sec., 1, 2, 5 and 10 minutes

The times for "Backlight" and "To Homepage" can only be set when the operating time is set in the panel
programming to "infinite". Otherwise, the parameterized values are taken.

11.5   IP Settings

Home screen
–> Settings
–> IP Setup

Select Internet Connection Type:
- Dynamic IP
- Static IP

LAN/WLAN on/off

Input for static IP address:

- IP Address
- Subnet Mask
- Default Gataway
- DNS Server

12.   Description of function arming/disarming

12.1   Intrusion detection control unit arming/disarming

Arming/disarming - these terms mean practically the same thing as switching the system on and off.

To switch on: means to arm the system.

This can either be the "internally armed" status for presence security or the "externally armed" status for absence security.

To switch off: means to disarm the system.

Arming and disarming is performed using appropriate operating elements.
Depending on the version and components of your system, these elements can be operating units, a block lock, a security operating panel, a door code or a proximity operating device (IDENT-KEY System).

12.2   Absence security

Absence security refers to external arming using a suitable operating element e.g. an IK3 reader. This means that you assume that the zone to be secured has been vacated and cannot be entered even accidentally through an unlocked door, for example.

The control unit can only be externally armed if:

-    there is no fault in the mains or the accumulator
-    no detector group or lock group may be triggered
-    no uncleared alarm should be pending
-    no fault of the telephone dialing device (transmission device)

Detector groups which were internally disabled are automatically reactivated by external arming. However, after disarming disabling is active again.

Arming is acknowledged by an audible signal which lasts approx. 3 seconds.

Every impending alarm criterion now releases a main alarm. Depending on the system configuration, the alarm is transmitted visually (flashing lamp) and/or audibly (loudspeaker). This alarm can also be reported to a security service via a transmission device, if installed.

Absence security status can only be lifted by disarming using an operating element such as the IK3 reader. After disarming, an actuated alarm is displayed on the corresponding displays of the operating units and on any parallel display boards installed.

The intrusion control panels additionally offers the function external arming of a zone via the TouchCenter . For this purpose the function must be released by the installer.

12.3 Presence security

Presence security does not require that the secured zone be vacated. Partial zone arming is possible with this form of security, i.e you can disable detector groups. It is then possible to move about within these detector groups without releasing an alarm by actuating a motion detector or a window contact, for example. Internal arming is carried out using operating units.

An impending alarm criterion releases an internal alarm. The displays of operating units and parallel boards are not blanked - this means that the system status is immediately recognizable.

Presence security can be cancelled by disarming using operating units or, if programmed, by briefly locking and unlocking the external arming element.

The latter function is intended for persons who return home late and who must deactivate internal arming before entering the internally armed zone.

This disarming simultaneously switches off the internal acoustic signal transmitters.
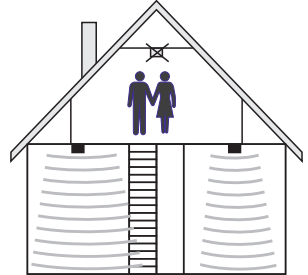
13. Technical data

Rated operating voltage U_b	12 V DC
Operating voltage range	10 V to 15 V DC
Current consumption at 12 V DC	140 mA (no load)
	225 mA (max. display brightness)
	260 mA (max. display brightness + buzzer)
Integrated reader	for IK2/proX1 and IK3/proX2 Data carriers
Frequency range, transmission power:	
- Reader	119 kHz to 135 kHz, 20 dBµA/m
- WiFi	2.412 GHz to 2.475 GHz, 10 mW
Screen diagonal	7" (17,78 cm)
Screen format	16 : 9
Protection class as per EN 60529	IP30
Environmental class as per VdS	II
Environmental class as per EN 50131-3	Class II
Operating temperature range	-5 °C to +45 °C
Storage temperature range	-25 °C to +60 °C
Relative humidity	93% non-condensing
Weight	610 g
Dimensions (W x H x D)	218 x 162 x 35 mm
Colour	white (similar to RAL 9016), optional grey and black

CE Hereby, the Novar GmbH declares that the radio equipment Keypad TouchCenter plus, Item no. 013003, 013004, 013005 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration can be downloaded from our homepage https://www.security.honeywell.de/, Service / Download.

Certifications:

VdS approval no.	G117015
EN Conformity	pending
SES Certification	pending

Notes

Honeywell