A Tradition of Quality and Innovation

For over 125 years, the Bosch name has stood for quality and reliability. Bosch is the global supplier of choice for innovative technology, backed by the highest standards for service and support. Bosch Security Systems proudly offers a wide range of security, safety, communications and sound solutions that are relied upon every day in applications around the world, from government facilities and public venues to businesses, schools and homes.
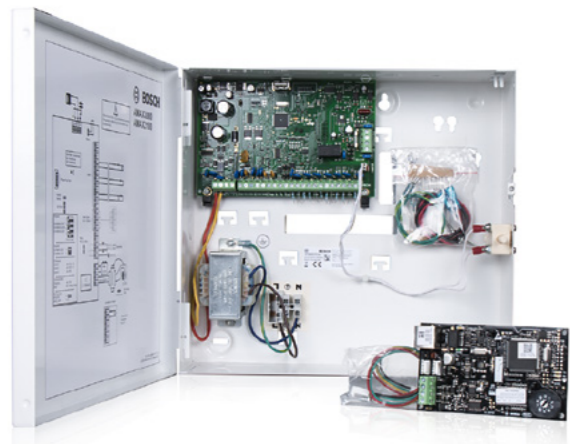
BOSCH
Invented for life

AMAX Intrusion Alarm Systems

www.boschsecurity.com

Simply reliable

With Bosch you're in good hands: AMAX family intrusion alarm systems for your and your customers' satisfaction

We at Bosch assume the responsibility for the security and safety of our customers by providing highest quality and industry leading intrusion alarm systems: The Bosch AMAX family is a scalable platform that allows you to meet the individual needs of your customers – from residential to small and medium commercial applications.

Integrated system technology: All versions of the AMAX family feature the same construction

New: Security in the palm of your hand – Remote Security Control+ app

The free of charge Bosch Remote Security Control+ (RSC+) app puts simple, reliable protection in the palm of your hand. Enjoy intuitive operation, a modern design and the reassuring feeling that you are in control.

Features and benefits:
▶ Push notifications in case of events
▶ Arm/disarm the intrusion alarm system
▶ Control outputs for automation devices
▶ Modern encryption methods
▶ Free of charge

Security is our passion
Our focus on research and development allows us to regularly introduce new technologies with improved product performance and reliability. We support you with a complete security portfolio including our best-in-class motion detectors.

A technology platform for effortless installation
Installation and configuration is done the same way across the whole platform. Moreover, the AMAX family comes already preconfigured out of the box to ensure fastest set up.

Benefits of the AMAX family at a glance:
▶ Quick installation thanks to 90 % preconfigured functions.
▶ Support of RSC+ app.
▶ Support of a broad range of motion and smoke detectors, including our RADION wireless portfolio by AMAX 3000 and 4000.
▶ Reliable alarm notification to operators or monitoring centers.
▶ Certified in accordance with EN50131-3 Grade 2.

Multiple tasks – a single solution: The Bosch AMAX family

Our AMAX family consists of three hardware variants that allow you to meet the individual needs of your customers: The AMAX 2100, AMAX 3000 and AMAX 4000.

AMAX 2100 – Our compact solution for residential and small commercial applications.

A variety of wired peripherals can be connected to the 8 zone inputs.

Application example: Single-family home

AMAX 3000 – Our versatile hybrid intrusion alarm system for residential and small commercial applications

A large variety of wired and wireless peripherals can be connected to the 32 zone inputs. The intrusion alarm system is ideal for residential applications or small commercial spaces, where wiring is either undesirable or not possible.

Application example: Specialized retail trade business with sales and storage area security.
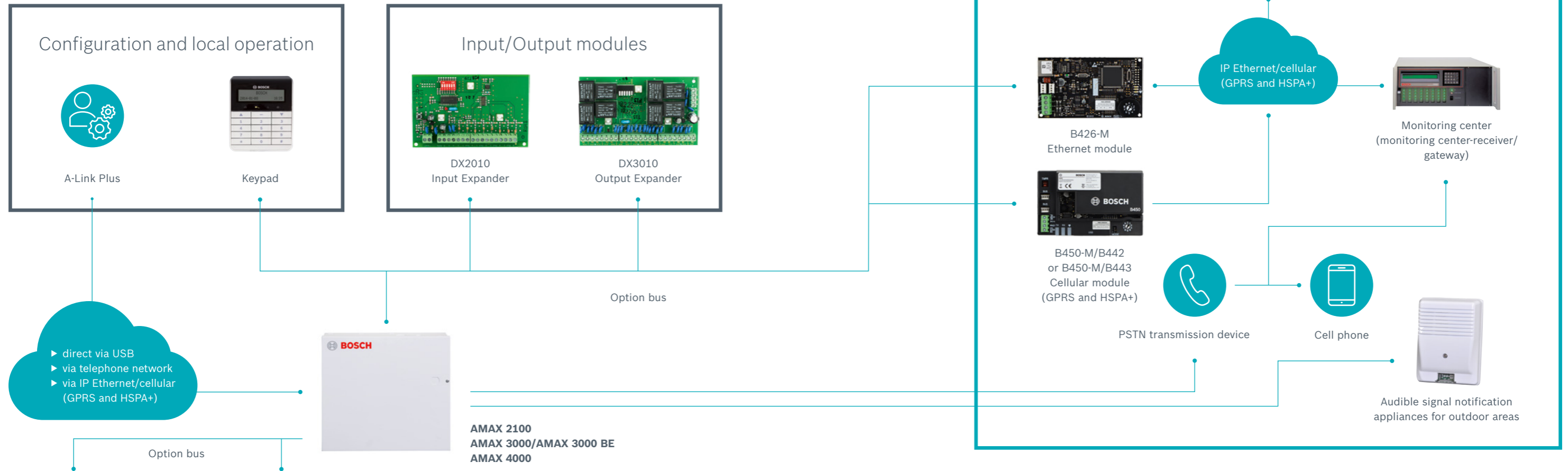

AMAX 4000 – Our adaptable hybrid intrusion alarm system for medium commercial applications

The AMAX 4000 supports up to 64 wired and wireless peripherals. The intrusion alarm system is ideal for medium commercial spaces, where wiring is either undesirable or not possible.

Application example: Medical center with several individual practices in the building.

The AMAX family:
an overview

Configuration and local operation

A-Link Plus

Keypad

Input/Output modules

DX2010
Input Expander

DX3010
Output Expander

Option bus

▶ direct via USB
▶ via telephone network
▶ via IP Ethernet/cellular
(GPRS and HSPA+)

BOSCH

AMAX 2100
AMAX 3000/AMAX 3000 BE
AMAX 4000

Option bus

Alarm transmission and notification

RSC+ app
for iOS
and Android

B426-M
Ethernet module

IP Ethernet/cellular
(GPRS and HSPA+)

Monitoring center
(monitoring center-receiver/
gateway)

B450-M/B442
or B450-M/B443
Cellular module
(GPRS and HSPA+)

PSTN transmission device

Cell phone

Audible signal notification
appliances for outdoor areas

Wired peripherals

e.g. Bosch Blue
Line Series

Motion
detector

Magnetic
contact

Wireless peripherals

RADION wireless portfolio
for AMAX 3000 and
AMAX 4000

RFRC-OPT
receiver

RFRP
repeater

RFGB
glass break detector

RFPR-12
PIR motion detector

RFPR-C12
PIR motion detector
curtain

RFSM
smoke detector

RFBT
bill trap

RFUN
door/window contact
with zone input

RFDW-SM
door/window contact
(surface mount)

RFDW-RM
recessed door/window
contact

RFKF-TBS
keyfob two button
encrypted

RFKF-FBS
keyfob four button
encrypted

RFPB-SB
panic button

RFPB-TB
panic button

Quality that meets
highest standards

The AMAX family is beneficial for your customers as it meets the highest standards
in terms of quality and reliability.

Easy
to install

Easy
to use

Reliable alarm transmission and notification

The AMAX family meets the needs of advanced alarm transmission:
▶ Push notifications in case of events via RSC+ app.
▶ Reports to central monitoring stations using the transmission format Conettix IP, CID or SIA.
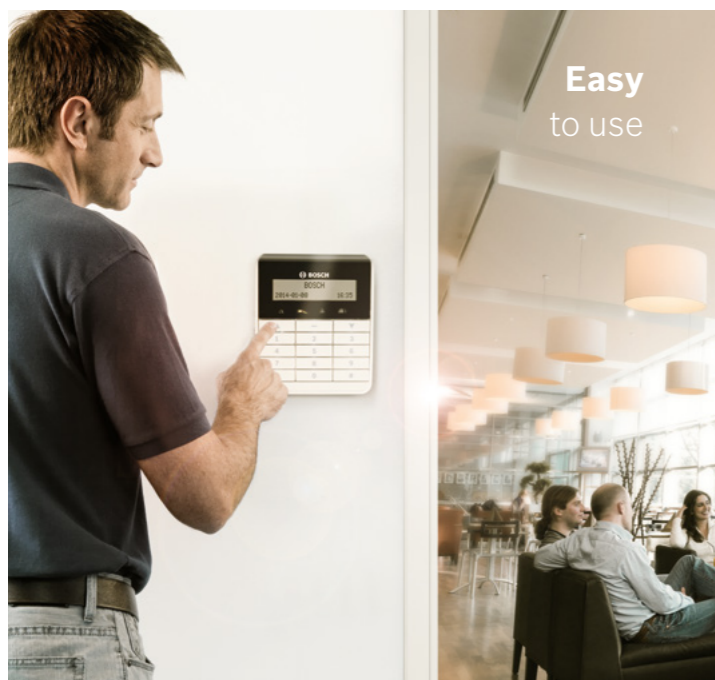▶ Onboard voice dialer.

Easy to install – easy to use
▶ Around 90 % of the applications are preconfigured at the factory.
▶ Further functions remotely and locally programmable via PC or by keypad programming.
▶ Indentical menu structure across the platform, only minimal training required to be an expert.

We believe that an easy and user friendly operation is key to customer satisfaction. AMAX user interfaces such as keypads and the RSC+ app convince with an easy to use menu structure.

Approvals and certifications
AMAX intrusion alarm systems' excellent reliability is proof of their high quality. They have been tested by independent laboratories and are certified in accordance with EN 50131-3 Grade 2.

RADION wireless
portfolio

The RADION portfolio includes 14 different peripherals, which are connected
to the AMAX family via a receiver.

The Bosch RADION portfolio includes a large variety of wireless peripherals such as motion detectors, door/window contacts and handheld transmitters. The illustration below shows an exemplary selection of RADION products – the entire RADION portfolio includes many more.

| Keyfob | Door/window contact | Receiver | PIR motion detector |

RADION detectors – the wireless alternative

Bosch offers a convenient and innovative alternative to the wired Blue Line detectors: RADION wireless peripherals. The extensive range covers 14 different products – from motion detectors and magnetic contacts to fire detectors. RADION wireless detectors can be combined with pre-installed DSRF series wireless peripherals by Bosch. The use of repeaters means that they can also operate in remote locations – even in places where it was previously impossible for wireless detectors to operate.

The repeaters ensure that RADION wireless detector signals are reliably transmitted to the AMAX intrusion alarm control panel. Up to 8 repeaters can be used in an AMAX intrusion alarm system. Auto-addressing means that the intrusion alarm system's teach-in phase for RADION components is very short. The intrusion alarm system and all wireless components are then immediately ready for use.