

# BOSSystem™

## Bus Operating Sensor System

### Intelligent Line Security System



### Installation & User Manual

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## 1. System description

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This intelligent BOSSystem both secures and charges your phones.

The BOSSystem is so easy to understand, 1, 2, 3 steps and you have a working system.

Hour long service calls - to find the root of the problems - are history. The new BOSSystem you can control with one card! This is all you need to service it, the system will do the rest.

The microprocessor in the BOSSystem measures for any changes to the system 2000 times per second and charges all devices at the same time. A controlled delay prevents false alarms and instability. **Therefore, no shunt plugs are needed!** This is a huge difference from our previous systems.

## 2. Connection allocation

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EuroAlarm A8 – central unit.



BUS: Bus connection for system terminals like MP12, SL12 and C6.

EuroAlarm MP12 – charging/securing unit for live devices as mobile phones, MP3-players, GPS, etc.



BUS 1/2:	Bus connection for system terminals (MP12, SL12, C6)
BUS 2:	Connect additional terminal or shunt plug if last terminal
Power:	Power Supply for MP12 (5V)
I/O:	External Siren, Flash Light, CCTV
1-12:	Sensor ports

EuroAlarm SL12 – securing unit for various electronic devices.



BUS 1/2:	Bus connection for system terminals ( SL12, MP12, C6)
BUS 2:	Connect additional terminal or shunt plug if last terminal
Power:	Power Supply for Lock Splitter, securing showcases (12V)
I/O:	External Siren, Flash Light, CCTV
1-12:	Sensor ports

EuroAlarm C6 – charging/securing unit for live cameras, camcorders and DSLR.



BUS 1/2:	Bus connection for system terminals (C6, MP12, SL12)
BUS 2:	Connect additional terminal or shunt plug if last terminal
Power:	Power Supply for C6 (12V)
I/O:	External Siren, Flash Light, CCTV
1-6:	Sensor ports

### 3. Security information

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Please follow the security measure as described below:

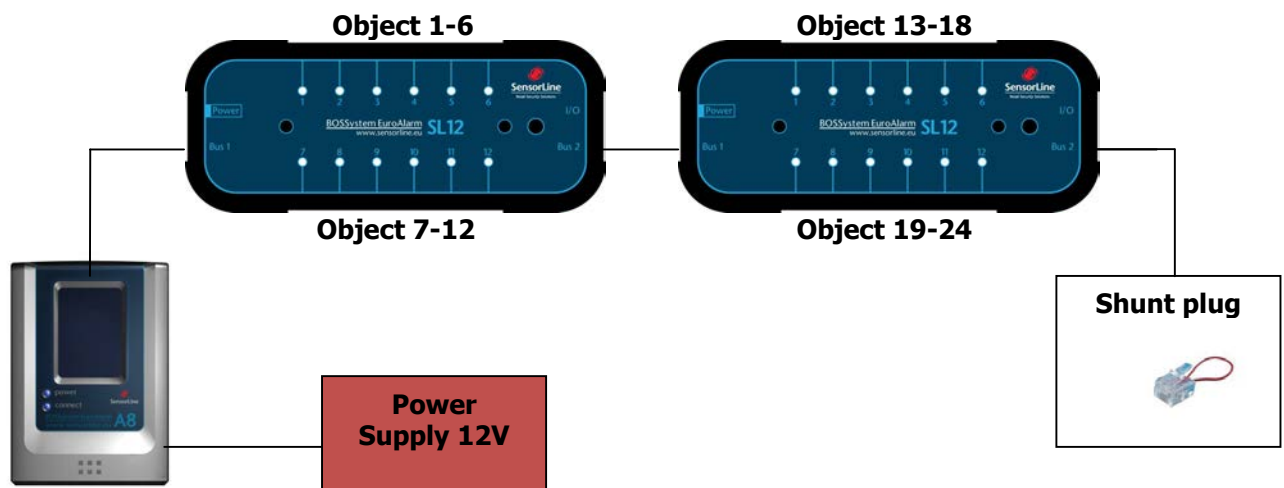
1. Always use the correct port connections.
2. Always use SensorLine or SensorLine compatible products.
3. Do not use the BOSSystem or parts of it for other things, as the ones subscribed in this manual.

Never use other power supplies as described from SensorLine, due to the fact that the SensorLine power supply is specially manufactured for the correct function of the ILSS.

### 4. Installation

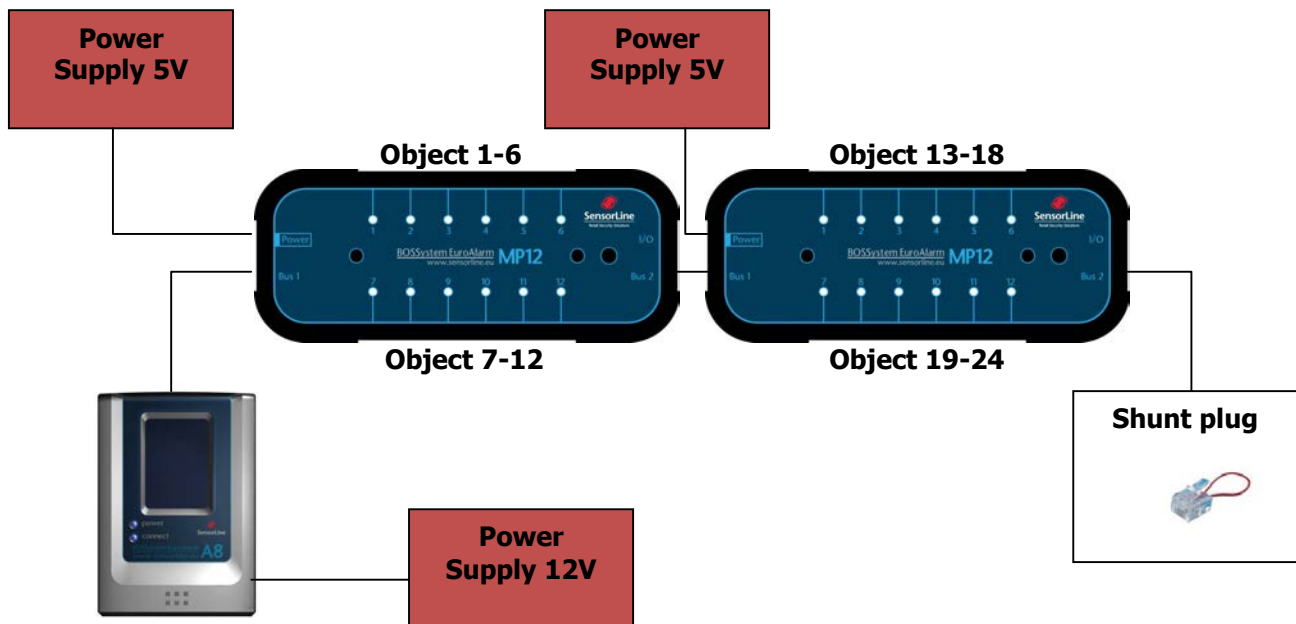
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#### 4.1 Installation of EuroAlarm A8 with SL12 configuration for 12-24 or more secured electronic devices



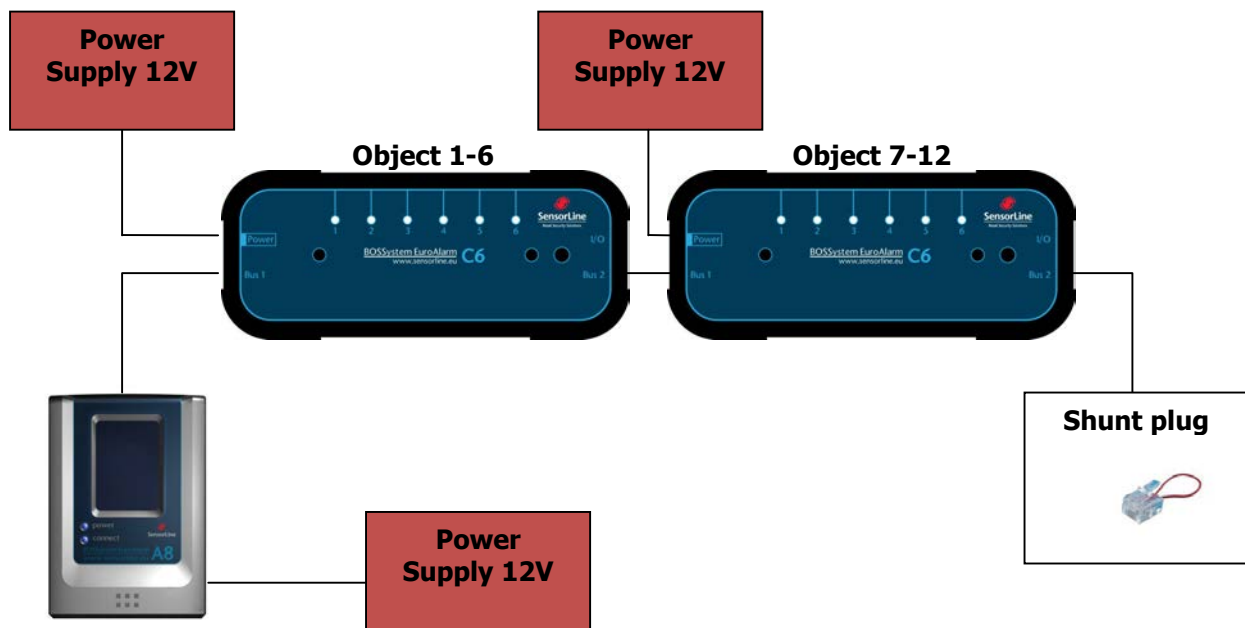
**Important:** Last SL12 in configuration - insert shunt plug in BUS 2!!!

## 4.2 Installation of EuroAlarm A8 with MP12 configuration for 12-24 or more secured live devices (charged)



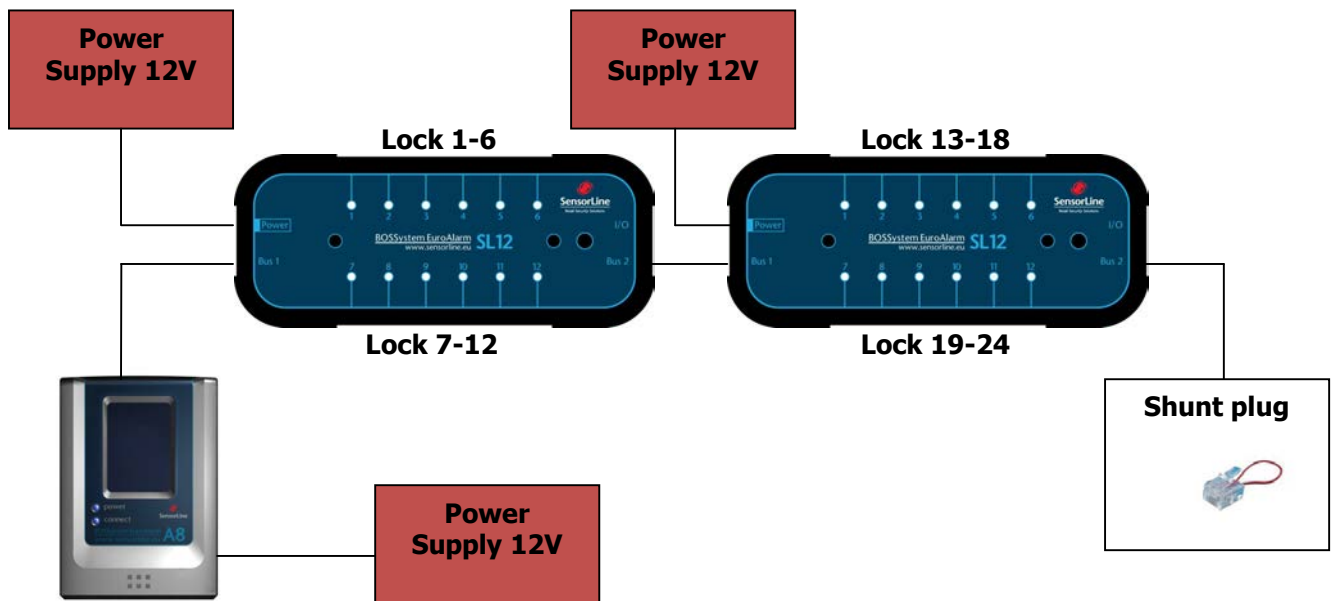
Important:      Important:      Last MP12 in configuration - insert shunt plug in BUS 2!!!

### 4.3 Installation of EuroAlarm A8 with C6 configuration for 6-12 or more secured live cameras (charged)



**Important:** Last C6 in configuration - insert shunt plug in BUS 2!!!

#### 4.4 Installation of EuroAlarm A8 with SL12 configuration for 12-24 or more showcases



**Important:** Last SL12 in configuration - insert shunt plug in BUS 2!!!

## 5. Programming

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### 5.1 Programming Master- and User Cards

When the unit is new there are no Master- nor User Cards programmed in the system.

1. Connect power to A8. The number **8** will show in the display and running beep will sound.
2. Present Master Card (MC) in front of the antenna field (display) The display will show the letter **d** for done. MC has now been programmed.
3. To program User Cards (UC), present MC and the letter **P** for program will show.
4. Now present first UC and the letter **d** for done will show in the display.
5. To program more UC, follow above routine. Note a max. of 30 UC.
6. Now you are ready to set up the BOSSystem.

#### 5.1.2 Delete all User Cards

1. Present MC for approx. 10 seconds. You will get a fast “running” beeps, keep presenting MC until the display shows the letter **d** for done. All UC has now been deleted from the system.

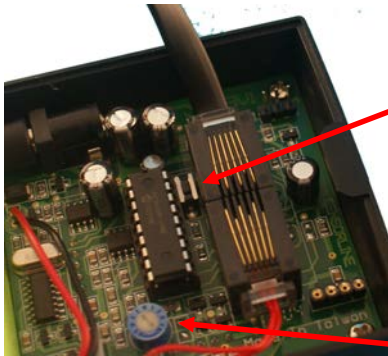
To re-program UC, start from point 3 above.



## 6. Handling of EuroAlarm A8

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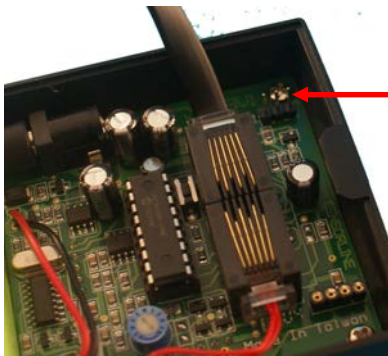
### 6.1 Re-set button



Press down the re-set button and you will get a running beep.  
The system is now back to factory parameters.  
All MC and UC are deleted.  
Remove power and back-up battery, wait up to 30 sec. before re-connecting power and you can start to program new MC and UC.

Adjust volume for alarm.

### 6.2 Protection of power



The jumper on the top of the board has three pins (two positions). It is needed that there is always a jumper in place. The jumper position closest to the edge, means that incoming power will be secured. That is if you shut down power at night or remove power from the system then the A8 will give alarm un till back-up battery disconnect automatically after approx. 2 min.

When the jumper is placed more to the center, incoming power is no longer secured. That means if you shut down power, no alarm will sound. Only the BUS line is protected for a few minutes until back-up battery disconnect automatically.

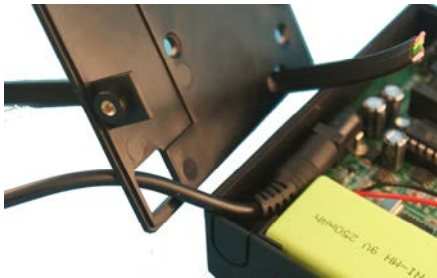
### 6.3 Mounting A8



A8 back side:

There are two ways to mount the A8. Either cables coming out the back or the bottom.

Either way screw the back side to the wall/display, when first removing the screw in the bottom of the enclosure.



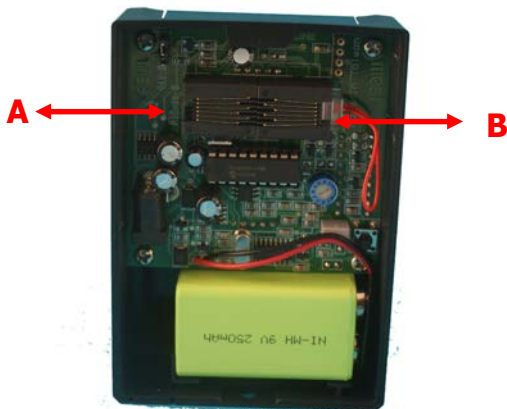
Cables:

If no cables to be seen, and therefore coming out from the back, make sure to put cables through the back lid before mounting on display.

If you wish the cables to come out the bottom, you simple remove/break the bottom clip.

The BUS cable can be inserted near the enclosure so coming out nicely along the power cable.

For drilling holes in display, use a 7mm drill for BUS cable and 11mm for power cable.



Connect:

The first time you connect power it has not yet recognized any terminals as SL12, MP12 or C6.

The A8 has two BUS lines, A and B.

When you receive a new A8 both lines will always be protected with shunt plugs.

In last terminal in the configuration you must insert a shunt plug in BUS 2, use spare one from A8.

Inserting BUS line into A8 can be a bit tricky, but ones in, it will stay there. Then connect to BUS 1 on the first terminal in your configuration.

Note: max. 10 terminals per line A and B, in total 20 per system.

Place battery as show here.

## 7. Notes

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## 8. Contact

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### **Danish Office**

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