



Fire Panel

FPA-5000 / FPA-1200



BOSCH

en Commissioning and Maintenance Guide

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1 Commissioning the fire panel

After having mounted and wired all items of the fire panel, follow the steps beneath:

1. Connect the batteries as described in the installation guide.
2. Start the 230 V mains power of the fire panel. Upload the configuration made via laptop to the fire panel.
3. If any error messages are displayed, while the fire panel boots up, eliminate the errors till the fire panel rests in standby mode.

Now test the fire panel according to the following chapter.

2 Testing the fire panel



NOTICE!

A full functional test has to be run!

Bosch Security Systems recommends at least one functional test and one visual inspection per year.

After having commissioned the fire panel, follow the steps according to chapters 2.1 , 2.2 and 2.3 . The same steps are required for maintenance.

2.1 Testing the mains power

1. Measure the battery voltage at the battery terminals. Target values: 12.0 to 14.1 V, or 24 to 28.2 V.
2. Test the mains failure function:
Unplug the mains fuse and check if the mains failure is indicated by the fire panel.
Make sure the timing for the mains failure has been set to approximately 25 minutes in the configuration.
A lagged indication of the mains failure is allowed by max. 30 minutes.
3. Turn the 230 V mains power on again.
After re-powering the fire panel, it has to go into standby automatically (the power failure message will disappear).
4. Test the battery failure function:
Unplug all battery charge connectors from the Battery Controller Module BCM.
Make sure the timing for the battery failure has been set to approximately 25 minutes in the configuration.
A lagged indication of the battery failure is allowed by max. 15 minutes.
5. Replug the battery connectors.
After replugging, the battery fault has to be reset manually.

2.2 Testing the conventional and LSN functions

1. Test the conventional and LSN loops:
Disconnect the loop by unplugging the connector of the appropriate function module.
The loop fault has to be indicated by the fire panel.
Reconnect the loop and reset the fault. Now test all fire detectors and call points for alarm triggering.

2. Test the conventional and LSN stubs:
Disconnect the stub by unplugging the connector of the appropriate function module.
The stub fault has to be indicated by the fire panel.
Reconnect the stub and reset the fault. Now test all fire detectors and call points for alarm triggering.

2.3 Testing the addressing / activation

1. Test the activation of the transmission units (ÜE / AWUG / TSN / GSM / X25 / X31) with regard to distant alarm.
2. Test the activation of the transmission units (ÜE / AWUG / TSN / GSM / X25 / X31) with regard to fault transfer.
3. Test the activation of extinguishing systems, door controls, etc.
4. Test all internal alarm units (e.g. audible and visual notification appliances).

Bosch Sicherheitssysteme GmbH

Robert-Koch-Straße 100

D-85521 Ottobrunn

Germany

www.boschsecurity.com

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