

Technical Quick Guides

How to add codepads to the control panel

Up to 16 codepad devices can be installed on the Bosch 6000 panel. This includes codepads, readers and Weigand to LAN interfaces. This guide covers how to add the first codepad, and how to add additional codepad devices.

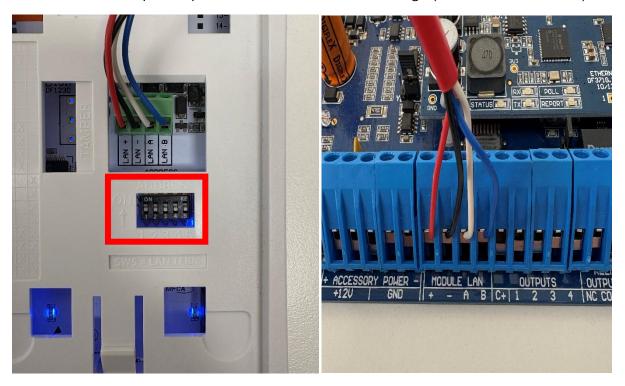
Note: The 6000 panel uses an RS485 LAN communication protocol where the 2/3/4000 panels use SDI2. Codepads designed for the 2/3/4000 are unlikely to work on the 6000 - LAN interface codepads (such as the Graphic Codepad CP700B) must be used instead.

Adding the first codepad:

Disconnect the MAINS AC power supply and backup battery.

Connect the +, -, A and B terminals from the codepad to the same terminals on the control panel's LAN bus.

Ensure that the codepad's dipswitches are set to Address Setting 1 (refer to the table below).



Connect the MAINS AC power supply and backup battery. The codepad should now be functional.

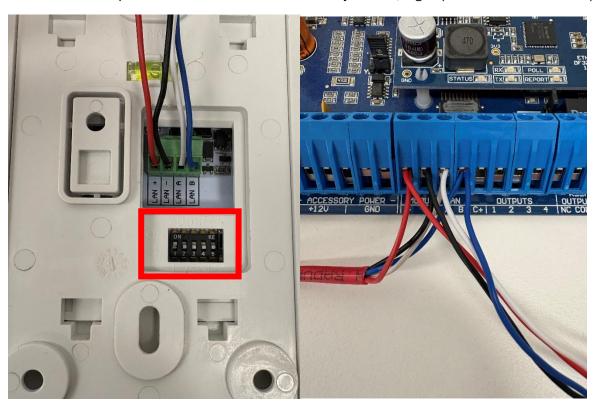


Adding additional codepads:

Disconnect the MAINS AC power supply and backup battery.

Connect the +, -, A and B terminals from the codepad to the same terminals on the control panel's LAN bus. The same terminals can be used from the first codepad if desired via a star connection.

Ensure that the dipswitches are set to an address not yet used, e.g. 2 (refer to the table below).



Connect the MAINS AC power supply and backup battery.

Note: Unlike the 2/3/4000 panels (where new codepads are assigned NO area), new codepads are assigned area 1 by default on the 6000. If the new codepad should be set to area 1, then you are finished here. Otherwise, read on to know how to assign the codepad to a different area.



Assigning the new codepad

Enter the Installer code (default is 1234) then MENU to enter the installer menu.

Press 6 (Devices), 1 (Keypads & Readers) then 3 (Home Area).

Select the address of the new codepad (e.g. "Kp2" if it's the second reader).

Use the up/down buttons to select a value between 01 and 08, relating to the 8 areas.

Hit OK to save the selected area as your new codepad's home area. Once you leave the installer menu, the panel will configure the new setting. The codepad's area has now been changed.

Codepad address setting via dipswitches:

There are 5 dipswitches on the Bosch 6000 Graphics Keypads. The first 4 are used to set the address, and the 5th one is used to terminate the LAN connection (so it can be ignored for the purpose of address setting).

E.g. To set the new codepad to address 7, the first 4 dipswitches should be set to off-on-on-off.

DIP Switch Address Settings					
Keypad/ Reader N°	S 1	52	S 3	S4	S5
1	Off	Off	Off	Off	
2	On	Off	Off	Off	
3	Off	On	Off	Off	
4	On	On	Off	Off	
5	Off	Off	On	Off	ج
6	On	Off	On	Off	AN Terminator Switch
7	Off	On	On	Off	r S
8	On	On	On	Off	ato
9	Off	Off	Off	On	mi
10	On	Off	Off	On	Teri
11	Off	On	Off	On	AN
12	On	On	Off	On	
13	Off	Off	On	On	
14	On	Off	On	On	
15	Off	On	On	On	
16	On	On	On	On	