

Cross-connecting ADHB-4 or RHB-1 Gen 1 with Gen 2 Versions

The ADHB-4 and RHB-1 Gen 1 are connected together using a DB-9 serial cable that is costly if the length required was longer than the supplied cable supported. The new ADHB-4 Gen 2 and RHB-1 Gen 2 are connected together using standard RJ-45 networking cables. This allows for easy changes in length and cable routing in dispatch furniture. The tested distance of an RJ-45 cable was 15 feet, with longer cables possible based on cable quality.

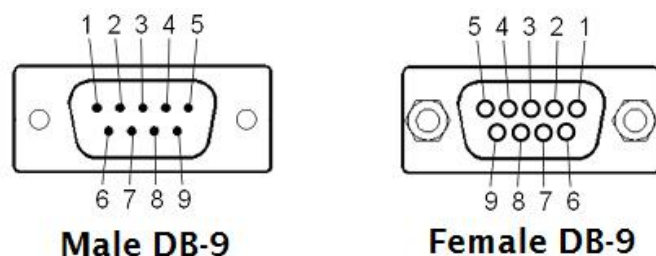
ADHB-4 Gen 2 adds an AUX Audio Input port while the RHB-1 Gen 2 adds handset Hook-Switch logic.

- Using basic DB-9 to RJ-45 adaptors allows the combination of either generation of ADHB-4 or RHB-1 to be used or retained during an upgrade based on site requirements.
- Using the ADHB-4 Gen 1 with RHB-1 Gen 2 requires a RJ-45 to DB-9 male adaptor to be installed on the ADHB-4, these are supplied with the RHB1- Gen 2.
- Using the ADHB-4 Gen 2 with RHB1 GEN 1 requires a RJ-45 to DB-9 female adaptor to be installed on the RHB-1, these are supplied with the ADHB-4-Gen 2.

Wire the DB-9 connector pin 1 to matching RJ-45 pin1, same for pins 2 through 8 leaving 9 not connected.

Wiring chart

RJ-45 Pin	Color	DB-9 Pin
1	Blue	1
2	Orange	2
3	Black	3
4	Red	4
5	Green	5
6	Yellow	6
7	Brown	7
8	White	8
	N/C	9



Front Side view

Bosch Security Systems, Inc.
 Telex Radio Dispatch Products
 Email: telexdispatch@us.bosch.com

Visit www.telex.com/radiodispatch for more information

Rev2, 08/19