

Contents [[hide](#)]

- [1 VIESSMANN WB2B Cascade Communication Module](#)
- [2 Specifications](#)
- [3 Application](#)
- [4 Connecting the Module](#)
- [5 Enclosure Removal](#)
- [6 FAQs](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)



VIESSMANN WB2B Cascade Communication Module



Specifications

- **Product:** Cascade Communication Module, KMK Bus
- **Part No.:** 7441 586

- **Compatible with:** Vitodens 200-W model WB2B/B2HA/B2HB
- **Application:** Digital outdoor reset boiler and heating system control. Master control for up to 4 boilers (WB2B), 8 boilers (B2HA), controlling two heating circuits with a mixing valve and domestic hot water production.
- **Technical Information:** Subject to change without notice.

Safety and Installation Requirements

Please ensure that these instructions are read and understood before starting any service work. Failure to comply with these instructions may cause product/ property damage, severe personal injury, and/or loss of life.

Working on the equipment

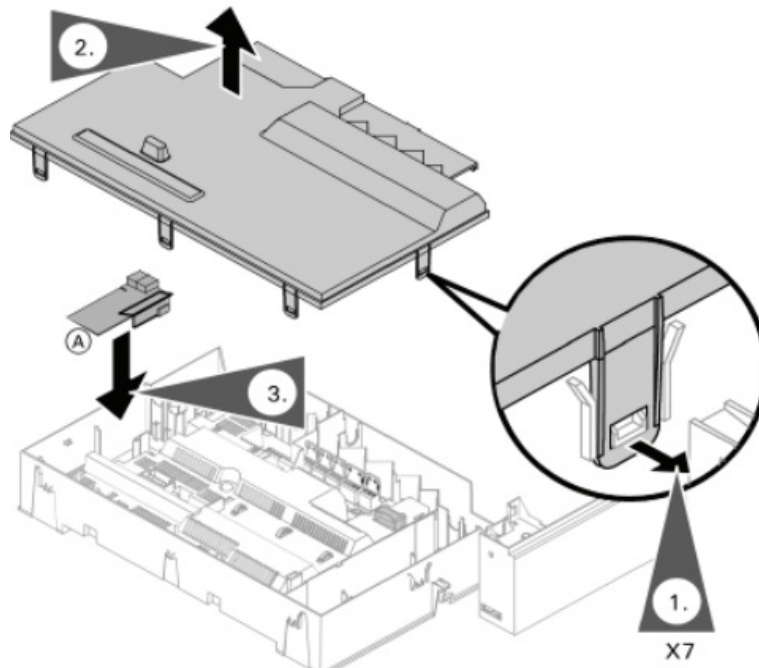
The installation, adjustment, service and maintenance of this product must be performed by a licensed professional heating contractor who is qualified and experienced in the installation, service, and maintenance of hot water boilers. There are no user serviceable parts on the boiler, burner or control. Ensure that the main power to the equipment being serviced is off. Ensure that the main fuel supply valve to the boiler is closed. Take precautions to avoid accidental activation of power or fuel during service work. Do not perform service work on any component part without ensuring safe operation of the heating system. When replacing parts, use original Viessmann or Viessmann-approved replacement parts.

- Refer to the Installation and Start-up/Service Instructions applicable to this boiler.

Application

Cascade communication module for use with WB2B/B2HA series boilers in conjunction with Vitocontrol-S WB2B/Vitotronic 300K type, MW2B/Vitotronic 300-K, MW2C cascade control and Vitotronic HC1 and HO1B boiler control interface. Digital outdoor reset boiler and heating system control. Master control for up to 4 boilers (WB2B), 8 boilers (B2HA), controlling two heating circuits with a mixing valve and domestic hot water production.

Installing Module on WB2B/B2HA/B2HB Series Boiler Control Board



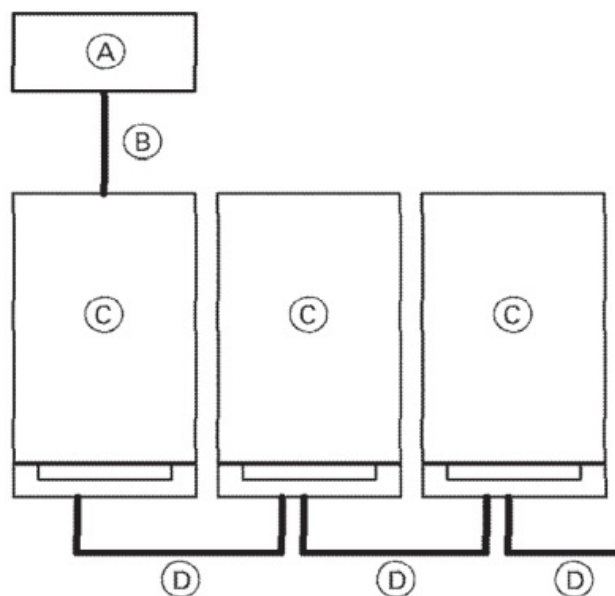
Legend

A Cascade communication module 5441 067 – 03 12/2024

IMPORTANT

Electronic modules are static sensitive can be damaged by electrostatic discharges. Before handling electronic modules discharge static loads by touching grounded objects, such as heating or water pipes.

Connecting the Module



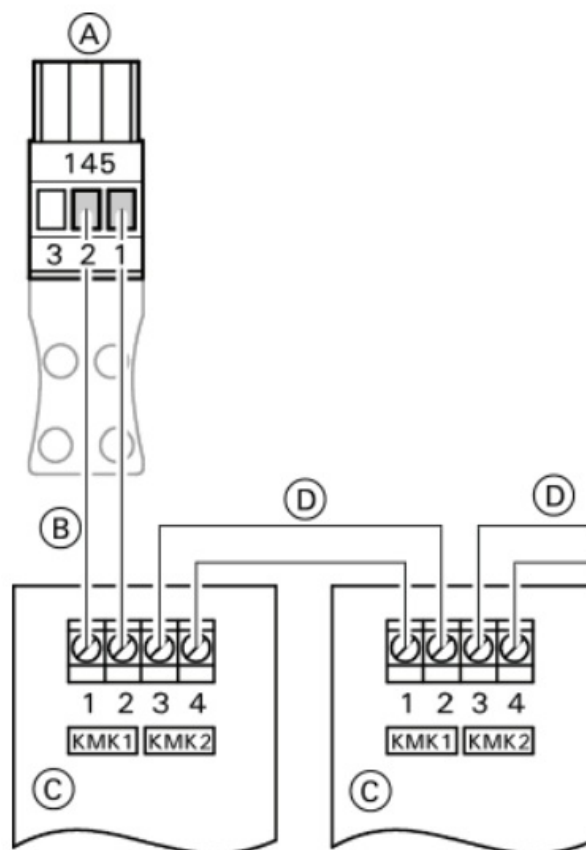
Note: The total length of BUS cables B and D should not exceed 164 ft. (50 m).

Legend

- A Vitocontrol-S, WB2B/Vitotronic 300K type, MW2B/ Vitotronic 300-K, MW2C
- B KMK-BUS C Vitotronic 100, HC1 or Vitotronic 200, HO1B (boiler control interface)
- D 2-core Cable [cable cross-section 2 x 0.5 mm², total length 164 ft. (50 m)]

Legend

- A Plug 145 to the Vitocontrol-S or Vitotronic 300K type, MW2B or Vitotronic 300-K, MW2C
- B KMK-BUS
- C Terminal strip “KMK1/KMK2” at the cascade communication module of the Vitotronic 100/200
- D 2-core Cable [cable cross-section 2 x 0.5 mm², total length 164 ft. (50 m)].



- Cascade communication modules

Enclosure Removal

- For more details on enclosure removal refer to the Installation and Start-up/Service Instructions applicable to this boiler.
- Viessmann Manufacturing Company (U.S.) Inc. 45 Access Road Warwick, Rhode

Island · 02886 · USA TechInfo Line 1-[888-484-8643](tel:888-484-8643) 1-[800-288-0667](tel:800-288-0667) · Fax [401-732-0590](tel:401-732-0590) www.viessmann-us.com · info@viessmann-us.com

- Viessmann Manufacturing Company ULC 750 McMurray Road Waterloo, Ontario · N2V 2G5 · CanadaTechInfo Line 1-[888-484-8643](tel:888-484-8643) 1-[800-387-7373](tel:800-387-7373) · Fax [519-885-0887](tel:519-885-0887) www.viessmann.ca · info@viessmann.ca

FAQs


Q: Can I install the Cascade Communication Module myself?

A: No, the installation, adjustment, service, and maintenance must be performed by a licensed professional heating contractor.

Q: What should I do if I need to replace parts?

A: When replacing parts, use original Viessmann or Viessmann-approved replacement parts to ensure safe operation of the heating system.

Documents / Resources

	VIESSMANN WB2B Cascade Communication Module [pdf] User Guide WB2B Cascade Communication Module, WB2B, Cascade Communication Module, Communication Module, Module
---	---

References

- [🇺🇸 US.COM | The Premium Global Domain for the U.S. Market](#)
- [✅ Residential & Commercial Heating Solutions | Viessmann US](#)
- [✅ Efficient heating & renewable energy systems | Viessmann CA](#)
- [User Manual](#)

📁 VIESSMANN

🔍 Cascade Communication Module, Communication module, Module, VIESSMANN, WB2B, WB2B Cascade Communication Module

—Previous Post

[VIESSMANN Vitocal 250-A Air Water Heat Pump Instruction Manual](#)

Leave a comment

Your email address will not be published. Required fields are marked *

Comment *

Name

Email

Website

☐ Save my name, email, and website in this browser for the next time I comment.

Post Comment

[Manuals+](#), [Privacy Policy](#) | [@manuals.plus](#) | [YouTube](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.