

VCELINK DE09WT-7-1P

VCELINK 2-Way CAT7/6A Shielded Keystone Wall Plate Instruction Manual

Model: DE09WT-7-1P | Brand: VCELINK

1. PRODUCT OVERVIEW

The VCELINK 2-Way CAT7/6A Shielded Keystone Wall Plate is designed for reliable and high-speed Ethernet data installations. This recessed data jack features a double RJ45 Keystone module with STP shielding, supporting data transmission speeds up to 10 Gigabit per second and a bandwidth of up to 500 MHz. Its compact design and tool-free installation make it suitable for various environments, including offices, study rooms, and basements.

Package Contents:

- 1x Recessed Network Panel (2 ports)
- 1x RJ45 Socket
- 2x Shielded Cat6a Keystone Modules

2. SAFETY INFORMATION

Please read and understand these safety instructions before installation. Failure to follow these instructions may result in electric shock, fire, or damage to the product.

- **Electrical Safety:** Always ensure power is disconnected to the area where you are installing the wall plate to prevent electrical hazards.
- **Cable Handling:** Handle network cables carefully to avoid damaging the insulation or internal conductors.
- **Proper Tools:** Although this product features tool-free installation for wire termination, ensure any other tools used (e.g., wire strippers, screwdrivers) are appropriate for the task and used safely.
- **Environment:** Install the wall plate in a dry, protected environment. Avoid exposure to excessive moisture or extreme temperatures.

3. SETUP AND INSTALLATION

This wall plate features a snap-in, tool-free installation design for the keystone modules, simplifying the wiring process.

1. **Prepare the Wall Opening:** Ensure you have a standard wall opening suitable for a recessed network panel.
2. **Prepare the Network Cable:** Carefully strip approximately 2-3 cm (1 inch) of the outer jacket from your CAT7 or CAT6A solid core network cable. Untwist the wire pairs.
3. **Wire Termination (Tool-Free Keystone Module):**

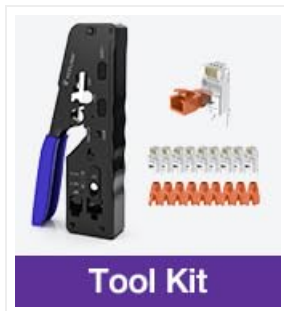


Image: A VCELINK Cat6a Keystone Module showing the internal wiring slots and color codes for T568A and T568B standards.

- Open the keystone module. You will see color-coded slots for T568A and T568B wiring standards. Choose the standard consistent with your network infrastructure.
- Place each individual wire into its corresponding color-coded slot on the LSA strips. Ensure the wires are fully seated.
- Close the keystone module cover. The snap-in mechanism will automatically terminate the wires, cutting off any excess. Verify that all 8 pins have made proper contact.

4. **Insert Keystone Modules into Wall Plate:**



Image: A white VCELINK 2-port wall plate with two keystone modules already snapped into place, ready for installation.

- Snap the terminated keystone modules into the designated ports on the recessed network panel.
 - Ensure they are securely clicked into place.
5. **Mount the Wall Plate:** Secure the assembled wall plate into the wall opening using appropriate screws or mounting hardware (not included, as installation methods vary).
 6. **Attach Dust Covers:** The wall plate includes dust covers for unused ports or for protecting active ports when not in use.

4. OPERATING INSTRUCTIONS

Once installed, the VCELINK Keystone Wall Plate functions as a standard network access point.

- **Connecting Devices:** Insert a standard RJ45 Ethernet patch cable from your device (e.g., computer, router, switch) into one of the ports on the wall plate.
- **Disconnecting Devices:** To disconnect, gently press the release tab on the RJ45 connector and pull the cable straight out. Avoid pulling the cable by force.
- **Dust Protection:** Utilize the integrated dust covers to protect unused ports from dust and debris, which can degrade connection quality over time.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your wall plate.

- **Cleaning:** Periodically wipe the surface of the wall plate with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Dust Covers:** Ensure dust covers are properly seated when ports are not in use to prevent dust accumulation inside the connectors.
- **Cable Inspection:** Occasionally inspect connected patch cables for any signs of damage or wear. Replace damaged cables immediately.

6. TROUBLESHOOTING

If you experience issues with your network connection through the wall plate, consider the following:

- **No Network Connection:**
 - Verify that the network cable connected to the keystone module is properly terminated. Ensure all 8 wires are correctly seated and making contact within the module. A network cable tester can help confirm continuity.
 - Check the patch cable connecting your device to the wall plate. Try a different patch cable.
 - Ensure the other end of the installed network cable is properly connected to your network switch or router.
- **Slow Network Speed:**
 - Confirm that all components in your network chain (cables, switches, router, network card) support the desired speed (e.g., 10 Gigabit).
 - Ensure the installed cable is indeed CAT7 or CAT6A and meets the required specifications for high-speed data.
 - Check for any kinks or damage in the installed network cable.
- **Intermittent Connection:** This often indicates a loose connection. Re-check the termination of the wires within the keystone module and ensure the patch cable is firmly seated.

7. SPECIFICATIONS

Feature	Specification
Model Number	DE09WT-7-1P
Type	2-Way Recessed Keystone Wall Plate
Keystone Modules	2x Shielded CAT6a

Feature	Specification
Compatibility	CAT7/6A Ethernet Cables
Data Transfer Rate	Up to 10 Gigabits per second
Bandwidth	Up to 500 MHz
Connector Type	RJ45 (Female)
Cable Type	Ethernet (Solid Core AWG 22-25)
Special Feature	Dust Protection Cover
Color	White
Dimensions (Package)	20.4 x 14.6 x 3.2 cm
Weight (Package)	130 grams

8. WARRANTY AND SUPPORT

VCELINK is committed to providing high-quality products and excellent customer service.

- **Warranty:** This product comes with an 18-month warranty. In case of any quality issues, you are eligible for a full refund or a free replacement.
- **Customer Service:** 24-hour customer service is available. Please contact us at any time to resolve any issues or for assistance with your product.