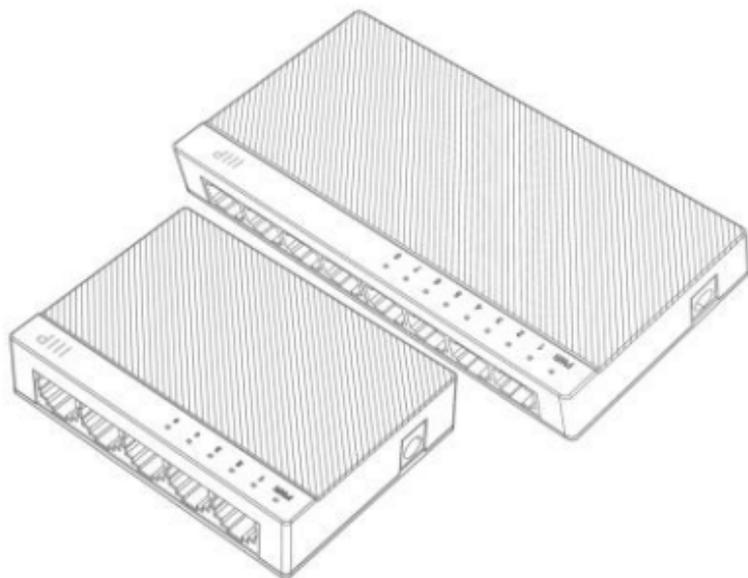




**Fast Ethernet Unmanaged Switch**  
**Gigabit Ethernet Unmanaged Switch**



P/N 41710/41711

P/N 41712/41713

**User's Manual**

# SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- This device is intended for indoor use only.
- Do not expose this device to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the device. If moisture does get in or on the device, immediately remove it from its power source and allow it to fully dry before reapplying power.
- Do not touch the device, the power cord, or any other connected cables with wet hands.
- Do not expose this device to excessive vibration or extreme force, shock, or fluctuations in temperature or humidity.
- Do not expose this device to excessively high temperatures. Do not place it in, on, or near a heat source, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- Do not place or install this device in an area where it can be exposed to excessive amounts of dust, humidity, oil, smoke, or combustible vapors.
- Unplug this device from the power source when not in use.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.
- This device has no user serviceable parts. Do not attempt to open, service, or modify this device.

## CUSTOMER SERVICE

The Monoprice™ Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website [www.monoprice.com](http://www.monoprice.com) or via email at [support@monoprice.com](mailto:support@monoprice.com). Check the website for support times and links.

## PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice™ Customer Service for a replacement.

1x Unmanaged Ethernet Switch

1x AC Power Adapter

1x User's Manual

## INSTALLATION

Perform the following steps to install this switch into your network.

1. Place the switch in the desired location.
2. Plug one end of a Cat5e (or higher) Ethernet cable (available separately) into one of the ports on the switch, then plug the other end into your modem or router.

3. For each device you want connected to the switch, plug end of a Cat5e (or higher) Ethernet cable (available separately) into the Ethernet port on your device, then plug the other end into one of the ports on the switch.
4. Plug the DC barrel connector on the included AC power adapter into the DC connector on the side of the switch, then plug the other end into a nearby AC power outlet. The **PWR** LED will illuminate, indicating that power has been applied.

## LED INDICATORS

LED	Status	Indication
PWR	On	The switch is powered on.
	Off	The switch is powered off.
LINK/ACT	On	The port is connected to a network device
	Flashing	The port is transferring data.
	Off	The port is disconnected.

# TROUBLESHOOTING

Q1: The **PWR** LED is not illuminated.

A1: Ensure that the AC adapter is plugged into the switch and into an AC power outlet. Try plugging a different device, such as a lamp, into the outlet to verify that the outlet is getting power. Check the room for any light switches that may control power to the outlet and verify that it is in the ON position.

Q2: The **LINK/ACT** LED for one of the ports is not illuminated.

A2: Ensure that there is a network device connected to that port and that it is powered on. Double check each cable connection. Try swapping out the cable with a known good one. Ensure that the cable is not longer than 328 feet (100 meters).

Q3: Performance is poor.

A3: Check the status of Ethernet switching on each device. If one device is set to full-duplex and the other is half-duplex, performance will suffer. Ensure that you are using a Cat5e UTP cable or better.

Q4: Some devices on the network cannot communicate with other devices.

A4: Ensure that each device is properly connected and that the LINK/ACT LEDs for each connection are active. Ensure that each device's network settings are correct. Try resetting the switch.

## TECHNICAL SUPPORT

Monoprice™ is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website **[www.monoprice.com](http://www.monoprice.com)** or through email by sending a message to **[tech@monoprice.com](mailto:tech@monoprice.com)**. Check the website for support times and links.

To download the latest drivers, firmware, manuals, etc., go to **[www.monoprice.com](http://www.monoprice.com)** and type the **P/N** into the search bar. If available, support files are linked at the bottom of the product page.

# SPECIFICATIONS

P/N	41710
Physical Interface	Five 10/100Mbps ports
LED Indicators	Power and Link/Activity (per port)
Supported Standards	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3x Flow Control
Backplane Bandwidth	1 Gbps
Access Method	CSMA/CD
Transmission Method	Store and Forward
MAC Address Table Size	2K
Auto MDI/MDIX	Supported
Auto Negotiation	Supported
Input Power	5 VDC, 400mA
AC Adapter Input Power	100 ~ 240 VAC, 50/60 Hz
Operating Temperature	+32 ~ 104°F (0 ~ +40°C)
Storage Temperature	-40 ~ +158°F (-40 ~ +70°C)
Operating Humidity	10 ~ 90% RH, noncondensing
Storage Humidity	5 ~ 90% RH, noncondensing
Dimensions (LxWxH)	2.4" x 3.4" x 0.7" (61 x 87 x 19 mm)
Weight	4.2 oz. (120g)

P/N	41711
Physical Interface	Eight 10/100Mbps ports
LED Indicators	Power and Link/Activity (per port)
Supported Standards	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3x Flow Control
Backplane Bandwidth	1.6 Gbps
Access Method	CSMA/CD
Transmission Method	Store and Forward
MAC Address Table Size	2K
Auto MDI/MDIX	Supported
Auto Negotiation	Supported
Input Power	5 VDC, 600mA
AC Adapter Input Power	100 ~ 240 VAC, 50/60 Hz
Operating Temperature	+32 ~ 104°F (0 ~ +40°C)
Storage Temperature	-40 ~ +158°F (-40 ~ +70°C)
Operating Humidity	10 ~ 90% RH, noncondensing
Storage Humidity	5 ~ 90% RH, noncondensing
Dimensions (LxWxH)	2.4" x 5.2" x 0.7" (61 x 133 x 19 mm)
Weight	4.9 oz. (139 g)

P/N	41712
Physical Interface	Five 10/100/1000Mbps ports
LED Indicators	Power and Link/Activity (per port)
Supported Standards	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3x Flow Control
Backplane Bandwidth	10Gbps
Jumbo Frame Support	9216 bytes
Access Method	CSMA/CD
Transmission Method	Store and Forward
MAC Address Table Size	2K
Auto MDI/MDIX	Supported
Auto Negotiation	Supported
Input Power	5 VDC, 600mA
AC Adapter Input Power	100 ~ 240 VAC, 50/60 Hz
Operating Temperature	+32 ~ 104°F (0 ~ +40°C)
Storage Temperature	-40 ~ +158°F (-40 ~ +70°C)
Operating Humidity	10 ~ 90% RH, noncondensing
Storage Humidity	5 ~ 90% RH, noncondensing
Dimensions (LxWxH)	2.4" x 3.4" x 0.7" (61 x 87 x 19 mm)
Weight	4.7 oz. (132g)

P/N	41713
Physical Interface	Eight 10/100/1000Mbps ports
LED Indicators	Power and Link/Activity (per port)
Supported Standards	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3x Flow Control
Backplane Bandwidth	16Gbps
Jumbo Frame Support	9216 bytes
Access Method	CSMA/CD
Transmission Method	Store and Forward
MAC Address Table Size	2K
Auto MDI/MDIX	Supported
Auto Negotiation	Supported
Input Power	5 VDC, 800mA
AC Adapter Input Power	100 ~ 240 VAC, 50/60 Hz
Operating Temperature	+32 ~ 104°F (0 ~ +40°C)
Storage Temperature	-40 ~ +158°F (-40 ~ +70°C)
Operating Humidity	10 ~ 90% RH, noncondensing
Storage Humidity	5 ~ 90% RH, noncondensing
Dimensions (LxWxH)	2.4" x 5.3" x 0.7" (61 x 134 x 19 mm)
Weight	5.6 oz. (160 g)

# REGULATORY COMPLIANCE

## Notice for FCC



This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## **Notice for Industry Canada**

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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