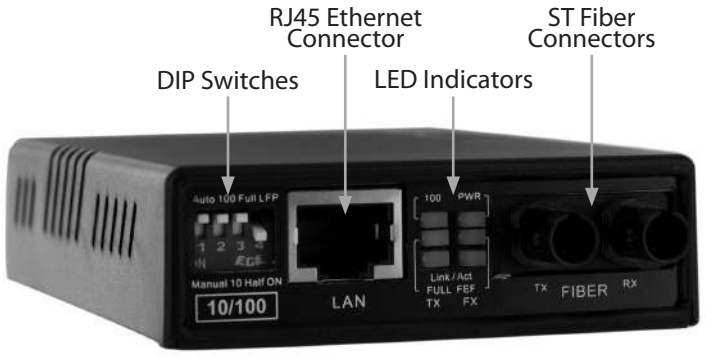
Instruction Manual

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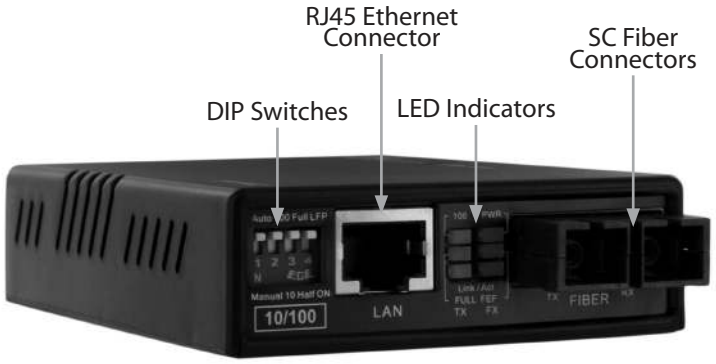
10/100 Ethernet to Multi Mode Fiber Media Converter SC/ST 2km

MCM110SC2 / MCM110SC2GB / MCM110SC2EU
MCM110ST2 / MCM110ST2GB / MCM110ST2EU

DE: Bedienungsanleitung - de.startech.com
FR: Guide de l'utilisateur - fr.startech.com
ES: Guía del usuario - es.startech.com
IT: Guida per l'uso - it.startech.com
NL: Gebruiksaanwijzing - nl.startech.com
PT: Guia do usuário - pt.startech.com



*actual product may vary from photos



Packaging Contents

- Fiber/Ethernet media converter
- Power Adapter
- Instruction Manual

System Requirements

- 10/100Base-TX compatible Ethernet network
- 100Base-FX fiber network
- SC/ST multi-mode fiber cable
- Available AC electrical outlet

Installation

1. Connect the Ethernet cable to the Fiber Media Converter "LAN" port.
2. Connect the other end of the Ethernet cable to the router/switch/computer NIC.
3. Connect the fiber cable into the fiber receptacle on the media converter.
4. Plug the provided power adapter into the media converter, and into an available AC power outlet.
5. Connect the other end of the fiber cable into the router/switch/computer NIC/another media converter. Remember to reverse the TX and RX leads between the two devices.

DIP Switch Settings

Switch	Function	State	Status
SW1	UTP Mode	Auto	Auto UTP detection
		Manual	Use manual UTP settings
SW2*	UTP Speed	100	100Mbps link speed
		10	10Mbps link speed
SW3*	UTP Duplex	Full	Full duplex
		Half	Half duplex
SW4	Link Fault Pass-through	LFP	LFP mode off
		ON	LFP mode on

*not enabled when SW1 set to 'Auto'

LED Indicators

LED	Function	State	Status
PWR	Power Indicator	ON	Converter has power
		OFF	Converter has no power
FX Link/Act	Fiber Link/ Activity	ON	Fiber link OK
		OFF	No link detected
		Flashing	Receiving data
FEF	Far End Fault	ON	Far end link failure
		OFF	No failure detected
100	Mode	ON	100Mbps
		OFF	10Mbps
Full	Duplex Mode	ON	Full duplex mode
		OFF	Half duplex mode
TX Link/Act	Ethernet Link/ Activity	ON	Ethernet link detected
		OFF	No link detected
		Flashing	Receiving data

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Specifications

	MCM110SC2	MCM110ST2
Connectors	1 x RJ45 Ethernet 2 x SC Fiber 1 x Power connector	1 x RJ45 Ethernet 2 x ST Fiber 1 x Power connector
LEDs	Power, Fiber Link/Activity, Ethernet Link/Activity, 10/100, Full/Half Duplex, FEF	
Fiber Type	Multi-Mode (62.5 or 50/125 micron)	
Optical Wavelength	1310nm	
Maximum Distance	2 km	
Transmission Standards	IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX, I00BASE-FX	
Duplex Modes	Full/Half Duplex (Ethernet) Full Duplex (Fiber)	
Power Adapter	12VDC, 200mA, center positive, type M plug	
Enclosure Material	Plastic	
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)	
Storage Temperature	-10°C ~ 70°C (14°F ~ 158°F)	
Humidity	10% ~ 90% RH	
Dimensions	95.0mm x 7	
Weight	90.5	

FCC Compliance Statement

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.

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For the latest drivers/software, please visit www.startech.com/downloads

Warranty Information

This product is backed by a two year warranty.
In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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