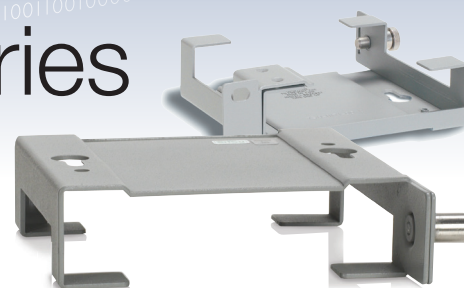


# MCR Accessories Series

## Media Converter Mounting Hardware

Allied Telesis unmanaged media converters, including the AT-MC, AT-GS and AT-FS Series, can be installed in a number of ways. These include desktop, wallmount, dinrail and rackmount.



### Desktop

All Allied Telesis media converters have the option to be fitted with rubber feet. These allow the product to be positioned on the desktop.

### Wall

A standalone media converter or switch can be easily mounted on a wall or under a table using the wallmount fixture.

### DIN Rail

This universal bracket allows a wide range of Allied Telesis media converters and media/rate converters to be mounted onto an industry-standard 35 mm DIN rail.

### Rack

The Allied Telesis AT-MC, AT-FS and AT-GS Series all fit into the Allied Telesis AT-MCR12 rackmount chassis. This fits into a standard 19-inch rack and is 3RU high. It holds 12 media converters.

## AT-WLMT

### Wall-mount Kit for Standalone Media Converters

#### Overview

The Allied Telesis AT-WLMT is a simple metal bracket that allows the majority of Allied Telesis standalone media and rate (bridging) converters to be wall-mounted.

#### Mounting Option Requirements

The majority of media converters are used to convert fiber optic connections to copper. Many installations require these media converters to be installed in a 19-inch chassis, using a range of mounting options including Allied Telesis AT-TRAY1, AT-TRAY2 and the AT-MCR12. However, other applications such as Fiber-To-The-Home (FTTH), etc. require a small, unobtrusive mounting option that can be discretely placed on a wall or under a table top. The AT-WLMT was designed to meet this demand.

#### Simple Installation

Each AT-WLMT has two circular holes and two "key" slots on the base. The use of the circular holes allows two countersunk screws to mount the bracket on a horizontal surface underneath a table top, while the two key slots allow the bracket to be easily wall-mounted.

#### Security

Any media converter or rate (bridging) converter mounted in an AT-WLMT chassis is held securely in place by means of a locking screw. This ensures that the media converter is not easily removed, thus helping to prevent accidental breakage of the fiber-optic cable connected to the device, and also theft of the actual unit.

### Key Features

- ▶ Allows standalone media converters and rate converters to be wall-mounted
- ▶ Allows standalone media converters and rate converters to be mounted under desks
- ▶ Securely locks mechanism
- ▶ Simple Installation
- ▶ Supplied complete with mounting screws
- ▶ Compatible with AT-MC, AT-FS and AT-GS Series media converters

### Specifications

#### Physical Characteristics

Dimensions (W x D x H): 12.7 cm x 3.1 cm x 12.7 cm

Weight: (5 in x 1.2 in x 5 in)  
0.210 kg (0.46 lb)

#### Environmental Specifications

Max operating temperature -25°C to 70°C (-13°F to 158°F)

Max storage temperature -25°C to 70°C (-13°F to 158°F)

Relative humidity 5% to 95% (non-condensing)

Altitude Up to 3,048 m (10,000 ft)

#### Package Contents

10 x AT-WLMT brackets  
10 x wall-mount kits  
1 x install guide

### Ordering Information

#### AT-WLMT-010

Ten units of wall-mount brackets

# AT-DINRAIL1

## Media Converter DIN Rail Rack Mounting Brackets

### Overview

The Allied Telesis AT-DINRAIL1 is a universal bracket that allows a wide range of Allied Telesis media converters and media/rate converters to be mounted onto an industry-standard 35mm DIN Rail.

### Saves Space and Time

This product allows network managers to have the flexibility to use the Allied Telesis media converters in standard industrial mounting installations. The DIN Rail concept allows the media converters to be mounted vertically, thus saving space.

### Flexible Mounting and Security

Each AT-DINRAIL1 has the ability to secure the power entry cord into the media converter, to guard against the risk of possible unwanted disconnection. In addition, each AT-DINRAIL1 can be mounted in either of two directions, allowing the power

inlet to the media converter to be at the top or bottom of the installation. Furthermore, each AT-DINRAIL1 is physically locked into position on the DIN Rail, providing a secure and stable mounting for the media converter.

### Compatible Media Converters

- ▶ AT-MC Series
- ▶ AT-FS Series
- ▶ AT-GS Series
- ▶ AT-PC Series

### Specifications

#### Physical Characteristics

Dimensions (W × D × H): 4.5 cm x 14.5 cm x 7.5 cm  
(1.8 in x 5.7 in x 3 in)

### Ordering Information

#### AT-DINRAIL1-010

Pack containing 10 AT-DINRAIL1 mounting kits

## Key Features

- ▶ Use with a wide range of Allied Telesis media and media/rate converters
- ▶ Compatible with 35mm DIN Rail
- ▶ Powercord anchor
- ▶ Locking mechanism
- ▶ Two-way mounting

# AT-MCR1

## Media Conversion Rack-mount Chassis

### Overview

The Allied Telesis AT-MCR1 is a single slot, rack-mountable chassis, capable of housing any of the range of Fast Ethernet and Gigabit media converters and bridging media converters. The chassis features an internal power supply, which negates the need to use the external power adapter shipped with the media converter. A front panel LED power indicator shows the user when power is applied to the chassis. All the standalone media converters and bridging media converters can be hot inserted and removed from the chassis, thus removing the need to power down the chassis for maintenance and upgrades. The chassis ships with a rack-mount kit.

### AC or DC Powered

The AT-MCR1 is available in two versions. The AC version has an internal auto-sensing 90~260V AC

power supply. The DC version has an internal -48VDC power supply.

### Hassle-Free Support

All Allied Telesis AT-MCR1 chassis have a two-year warranty and free technical support, ensuring trouble-free installation.

### Specifications

#### Physical Characteristics

Dimensions (W × D × H): 17.3 cm x 13.1 cm x 4.4 cm  
(6.7 in x 5.1 in x 1.7 in)

Weight 0.8 kg (1.77 lb)

#### LED Indicators

1 x power LED Green (front panel)

#### Power Characteristics - AC Version

Power adapter style In line (IEC power inlet)  
Input voltage 100-240V AC 50/60Hz auto-sensing  
Output voltage 12VDC @ 1A

## Key Features

- ▶ Single-slot chassis
- ▶ Internal AC or DC power supply
- ▶ Desktop or wall-mountable
- ▶ Compatible with AT-MC, AT-FS and AT-GS Series media converters

#### Power Characteristics - DC Version

Input voltage -40 ~ -60VDC  
Output voltage 12VDC @ 1A

#### Environmental Specifications

Operating temperature: 0°C to 40°C (32°F to 104°F)  
Storage temperature: -25°C to 70°C (-13°F to 158°F)  
Operating humidity: 5% to 90% non-condensing  
Storage humidity: 5% to 95% non-condensing  
Maximum operating 3,000 m (10,000 ft.) altitude:  
Maximum storage 4,000 m (13,100 ft.) altitude:

**Safety and Electromagnetic Emissions Certifications**

EMI:	FCC Class A, EN55022 Class A, VCCI Class A, C-TICK, CE
Immunity:	EN55024
Safety:	UL60950-1 (CULUS), EN60950-1 (TUV), CAN/CSA C22.2 No. 60950-1

**Package Contents**

- 1 x AT-MCR1 chassis
- 4 x Rubber feet for desktop mounting
- 2 x Rack-mount ears (including eight screws)
- 1 x Media converter carrier
- 1 x IEC power cord (country specific) (AC PSU version only)
- 1 x Installation guide
- 1 x Warranty registration card

**Ordering Information**

**AT-MCR1-xx**  
Single-slot chassis

Where xx =	10 AC PSU and US power cord
	30 AC PSU and UK power cord
	40 AC PSU and Australian power cord
	50 AC PSU and European power cord
	80 DC PSU

# AT-MCR12

## Media Conversion Rack-mount Chassis

**Overview**

The Allied Telesis AT-MCR12 is a Power distribution chassis for up to 12 independently-operating, unmanaged, standalone media or bridging media converters.

**Media Converter Flexibility**

Supporting up to 12 Allied Telesis media converters, the AT-MCR12 enables network managers to use MC1x family (10Mbps) or MC10x family (100Mbps) media converters in the same chassis.

**Power Options**

A preinstalled AT-PWR4 power supply powers the AT-MCR12, eliminating the need for multiple power connections. Allied Telesis also offers an optional hot swappable power supply to eliminate downtime on the network. The unit saves space in the wiring closet and minimizes the number of power connections required. Single-unit media converters can be removed from the AT-MCR12 and deployed individually in order to accommodate network modifications.

By incorporating a backplane with 12 different power entry modules integrated with the printed circuit board, power is equally distributed among all media converters whether using one or two power supplies.

**Rack-mount Design**

Designed with a simple mounting system, each individual media converter is plugged into the back plane and secured with the included mounting rail.

The rack-mount chassis includes two status LEDs on the front panel indicating power status. The top LED is titled PWR A and the bottom PWR B. The AT-PWR4 power supply in the back panel has one LED for power. When a redundant power supply is installed, a second LED is visible.

The AT-MCR12 is configured with one of the following power cords to meet regional requirements for North America, Continental Europe or the United Kingdom.

**Specifications**

**Status Indicators**

Front Panel:	
Power (2)	One for each power supply installed in back. Indicates that the rack-mount chassis has power.
Back Panel:	
Quantity*	One per power supply.
Power	Indicates that the rack-mount chassis has power.

\*One AT-PWR4 power supply comes with the AT-MCR12. A second power supply may be ordered separately.

**Power Characteristics**

Input voltage (auto-ranging):	
Internal power supply	
100-120V AC, 50/60Hz, 3.0A	
200-240V AC, 50/60Hz, 1.5A	

**Environmental Specifications**

Operating temp.	0°C to 40°C (32°F to 104°F)
Storage temp.	-20°C to 70°C (-4°F to 158°F)
Operating temp.	5% to 80% non-condensing

**Physical Characteristics**

Dimensions (W × D × H):	44.4 cm x 21.7 cm x 13.2 cm (17.49 in x 8.56 in x 5.18 in)
Weight	4.3 kg (9.5 lb)

## Key Features

- ▶ Modular use with all standalone media and bridging media converters
- ▶ Simple installation
- ▶ 12-slot unit
- ▶ Optional redundant hot swappable power supply ensures reliability
- ▶ Free technical support
- ▶ Compatible with AT-MC, AT-FS and AT-GS Series media converters

**Electrical/Mechanical Approvals**

EMI	FCC Class A, IC Class A
Safety	UL, CSA, TUV, IEC 825-1, CE compliant

**Ordering Information**

**AT-MCR12-xx**

12-slot media converter chassis with AT-PWR4 power supply

Where xx =	10 for 100-120v with US power cord
	20 without a power cord
	30 for 200-240v with UK power cord
	50 for 200-240v with European power cord

# AT-TRAY1 and AT-TRAY4

## Media Converter Rack and Wall-Mounting Brackets

### Overview

The Allied Telesis AT-TRAY1 is a “shelf”-style unit designed to hold one Allied Telesis standalone media converter. The AT-TRAY1 can be installed on any type of standard rack rail or it can be wall-mounted. It is designed to be installed vertically to the inside or outside of the rack rail.

The Allied Telesis AT-TRAY4 is a “shelf”-style unit designed to hold up to four Allied Telesis standalone media converters. The AT-TRAY4 can be installed in a standard 19-inch rack.

### Saves Space and Time

These products allow network managers to have the flexibility to use Allied Telesis MC10 Series (10Mbps), MC100 Series (100Mbps) or MC1000 Series (1000Mbps) media converters in rack and wall-mounting brackets (AT-TRAY1) and rackmounting bracket (AT-TRAY4).

The unit saves space and is handy to use as a standalone unit. The brackets are designed with a simple mounting system.

### Specifications

#### Physical Characteristics

DAT-TRAY1	
Height	4.4 cm (0.39 in)
Width	12.9 cm (5.08 in)
Depth	11.4 cm (4.49 in)
AT-TRAY4	
Height	4.45 cm (1.75 in)
Width	48.25 cm (18.99 in)
Depth	11.2 cms (4.41 in)

### Ordering Information

#### AT-TRAY1

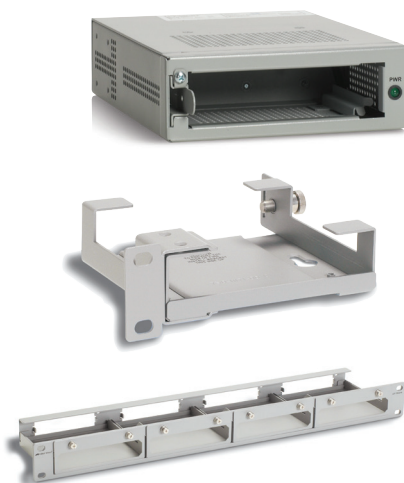
1-slot media converter rack and wall-mounting bracket

#### AT-TRAY4

4-slot media converter rack-mounting bracket

## Key Features

- ▶ Compatible with AT-MC, AT-FS and AT-GS Series media converters
- ▶ Shelf style
- ▶ Can be installed in 19” rack (AT-TRAY4)
- ▶ Simple installation
- ▶ Free technical support



### Ordering Information

#### AT-WLMT-010

Ten units of wall-mount brackets

#### AT-DINRAIL1-010

Pack containing 10 AT-DINRAIL1 mounting kits

#### AT-MCR1-xx

Single-slot chassis

#### AT-MCR12-xx

12-slot media converter chassis with AT-PWR4 power supply

#### AT-TRAY1

1-slot media converter rack and wall-mounting bracket

#### AT-TRAY4

4-slot media converter rack-mounting bracket