



SymplyPRO XTL 8 Tape Autoloader Quick Start Guide

Thank you for purchasing SymplyPRO XTL 8 Tape Autoloader

If you have any support questions that are not addressed in this document, then please check our extensive FAQs or submit a support ticket on our support site.

Your feedback is important to us, so please let us know what you think of our products via email hello@gosymply.com



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Regulatory Information

This section describes the tape autoloader compliance with safety and regulatory agency standards.

!	IMPORTANT	To comply with the following regulations and standards, the tape autoloader must be properly installed in an office or industrial environment with shielded cables and adequate grounding of the input power.
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Device Standards

- ANSI Small Computer System Interface-2 (SCSI-2), X3.131 – 1994
- ANSI SCSI-3 Primary Commands, X3.301 - 1997
- ANSI Information and Technology. SCSI-3 Medium Changer Commands (SMC), NCITS.314:1998
- ANSI SCSI Parallel Interface-2 (SIP-2), X3.302:1998
- IEC 60297 Rack Standards

FCC (United States)

The computer equipment described in this manual generates and uses radio frequency (RF) energy. If the equipment is not installed and operated in strict accordance with the manufacturer's instructions, interference to radio and television reception might result.



**Tested To Comply
With FCC Standards**

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following 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.

Part 15, Class A, of the FCC Rules, is designed to provide reasonable protection against radio and television interference in a residential installation. Although the equipment has been tested and found to comply with the allowed RF emission limits, as specified in the above cited Rules, there is no guarantee that interference will not occur in a particular installation. Interference can be determined by turning the equipment off and on while monitoring radio or television reception. The user may be able to eliminate any interference by implementing one or more of the following measures:

- Reorient the affected device and/or its receiving antenna.
- Increase the distance between the affected device and the computer equipment.
- Plug the computer and its peripherals into a different branch circuit from that used by the affected device.
- If necessary, consult an experienced radio/television technician for additional suggestions.

Perchlorate warning

California Best Management Practices Regulations for Perchlorate Materials: This Perchlorate warning applies only to products containing CR (Manganese Dioxide) Lithium coin cells. "Perchlorate Material-special handling may apply. www.dtsc.ca.gov/hazardouswaste/perchlorate".

Canadian Verification

This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations (ICES-003, Class A)

CE Statement

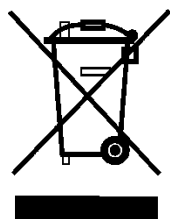
This product conforms to the following European Directive(s) and Standard(s): Application of Council Directives: 73/23/EEC, 89/336/EEC. Standards to which Conformity is declared: EN60950, EN55022, EN55024, EN61000-3-2, EN61000-3-3.

VCCI

This is a Class B product based on the standard of the Voluntary Control Council for Interference from Information Technology Equipment (VCCI). If this is used near a radio or television receiver in a domestic environment, it may cause radio interference. Install and use the equipment according to the instruction manual.

- この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。

Recycling and disposal



This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at this time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.



NOTE

Disposal of Waste Equipment by Users in Private Household in the European Union and Norway

Warnings and Symbols



IMPORTANT

All safety and operating instructions should be read before this product is operated and should be retained for future reference. This unit has been engineered and manufactured to assure your personal safety. Improper use can result in potential electrical shock or fire hazards. In order not to defeat the safeguards, observe the following basic rules for its installation, use and servicing.



DANGER

High voltage!

Risk of electric shock.

Do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.



39 - 66 lbs
18 - 30 kg

DANGER

A danger condition due to the weight of the unit. Weight symbols are accompanied by an approximation of the product's weight.



CAUTION

A discharge of static electricity can damage static-sensitive devices or micro circuitry. Proper packaging and grounding techniques are necessary precautions to prevent damage.



NOTE

Provides additional information.

Document Revision

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Library Bootcode: 0.82

About this guide

This quick start guide provides information about installing and operating the SymplyPRO XTL 8 Tape Autoloader. This document is intended for systems administrators and general users who need physical and functional knowledge of the SymplyPRO XTL 8.

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Introduction

The SymplyPRO XTL 8 Tape Autoloader provides a compact, high-capacity, low-cost solution for simple, unattended data backups and archives. This unique design houses up to 8 tape cartridges in a compact 1U form factor with easy access to tape cartridges via two removable magazines and a mail slot. The magazines can hold up to four (left magazine including mail slot) cartridges.

The SymplyPRO XTL 8 can support one half-height LTO tape drives either SAS or Fibre Channel (FC). The loader occupies one SCSI target address and uses dual LUNs for the tape drive and loader robotic. The SymplyPRO XTL 8 can operated via Operator Control Panel (OCP) or via the Remote Management Unit (RMU).

SymplyPRO XTL 8 Features:

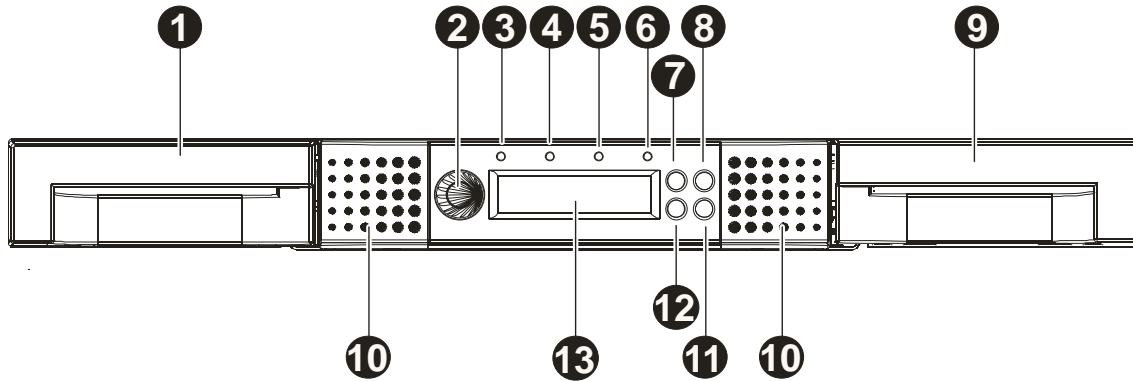
- The autoloader occupies one SCSI target address and uses separate LUNs for the tape drive and autoloader robotics.
- USB interface to enable easy serviceability for upgrading the drive and autoloader firmware.
- The autoloader can be operated via the front Operator Control Panel (OCP), or over the network via the internal Remote Management Unit (RMU), or via the storage interface connection managed by the application installed on the host.
- Supports industry standard management protocols such as SNMP.
- Mail slot for import/export of cartridges during autoloader operations.
- Robotics with integrated barcode reader.

Physical Specifications SymplyPRO XTL 8

Characteristic	Description
Rack requirements	Standard 19-inch rack with 1U of clearance
Number of Slots	8
Number of Mailslots	1
Drive Form Factor	Half-Height
Number of Drives	1
Drive Interface	SAS or Fibre Channel
Robotic MSBF (excludes LTO drive)	1,000,000 hours
Dimensions (H x W x D)	45.6 x 444.5 x 789.5 mm
Power Supply	Single 80W Module (110 to 240v)
Weight Without Media	11.4 Kg
Weight With Media (8 pieces)	13.1 Kg
Clearance Back	Minimum of 154mm
Clearance Front	Minimum of 308mm – for mail slot Minimum of 600mm – for remove magazines
Clearance Side	Minimum of 50.8mm

SymplyPRO XTL 8 Front View

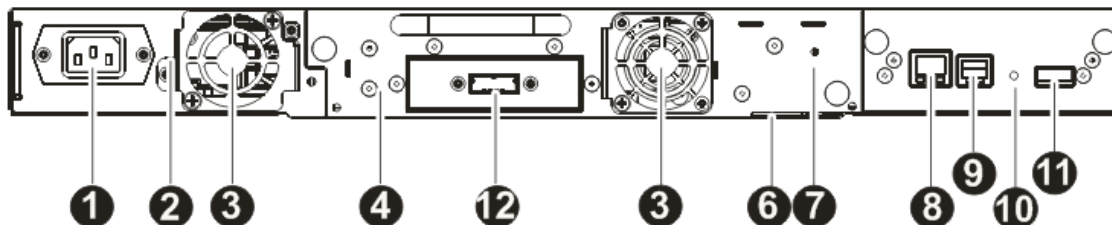
The front of the SymplyPRO XTL 8 is used to access the power button, Operator Control Panel (OCP), left and right magazines, LED's, and the mail slot.

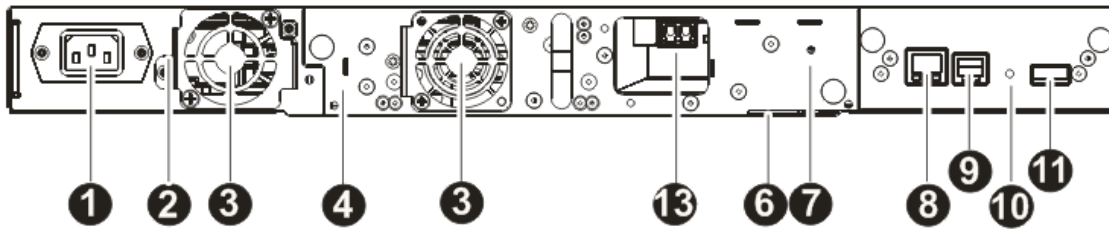


Number	Description
1	Left magazine with Mail slot
2	Power Button
3	Ready LED (Green)
4	Clean LED (Amber)
5	Attention LED (Amber)
6	Error LED (Amber)
7	Control key "Up" button [↑]
8	Control key "Cancel" button [X]
9	Right magazine
10	Air Vents
11	Control key "Down" button [↓]
12	Control key "Enter" button [↵]
13	OCP LCD Display

SymplyPRO XTL 8 Rear View

The rear of the tape loader provides access to SAS or Fibre Channel (FC) connectors, tape drive bays, the power connector, Ethernet, serial and the USB port.





Number	Description
1	Power connector: The auto loader requires a 110/220 volt AC power connection
2	Shipping lock (storage location)
3	FAN Vent
4	Tape Drive Sled
6	Product Label Tag
7	Tape Drive LED
8	Ethernet Management Port
9	Serial Port
10	Auto loader Controller LED
11	USB Port
12	SAS Connector (SFF-8008 or SFF-8644)
13	Fibre Channel Connector (LC)

Tape Drive Modules

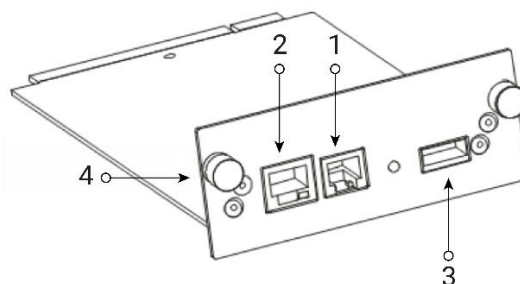
All the SymplyPRO XTL Tape Drive Modules have dual ports. Port A and Port B. When connecting to the host please ensure that the host is connected to Port A.

Power supply

The SymplyPRO XTL 8 has a single fixed 80W power supply.

Autoloader Controller Module

The autoloader controller is installed at the back of the autoloader.



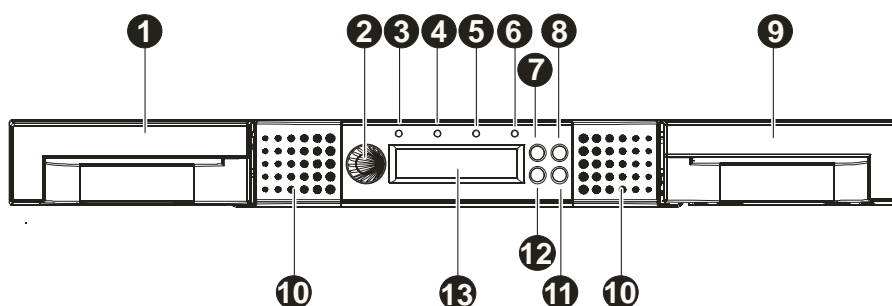
Number	Description
1	Ethernet Management Port
2	Service Port
3	USB Port
4	Captive Thumb Screws

SymplyPRO XTL 8 Operator Control Panel (OCP)

Operator Control Panel (OCP) consists of an LCD display, 4 push button switches and a power on/off button. The OCP screen displays actions and status information, menu items or error messages equivalent to the operation mode.

OCP LEDs

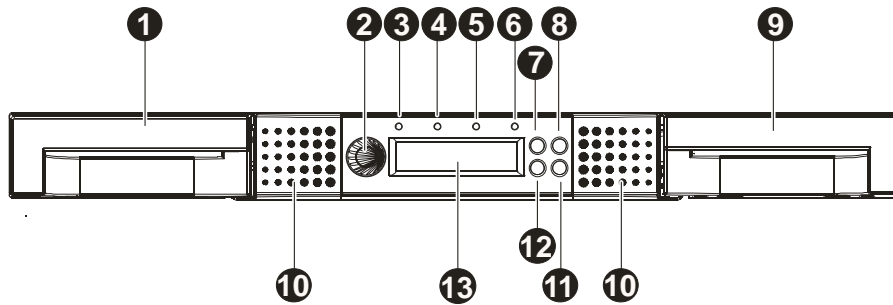
There are 4 LEDs located on the front of the autoloader above the LCD display.



Number	LED	Colour	Description
3	Ready / Activity	Green	Illuminated when power is on. Blinking when there is tape or autoloader robotics activity.
4	Clean Drive	Amber	Illuminated when the tape drive has determined that a cleaning cartridge should be used. Cleaning is only necessary when the autoloader directs you to do so. Additional cleaning is not necessary. The LED will be turned off after the tape drive is cleaned successfully.
5	Media Attention	Amber	Illuminated if the autoloader has detected a condition that requires attention by the operator. Media might be bad, marginal or invalid. It will be cleared when all invalid cartridges have been exported from the tape autoloader.
6	Error	Amber	Illuminated if an unrecoverable tape drive or autoloader error occurs. A corresponding error message displays on the LCD screen (see for more information). It will be cleared when the error state is resolved.

OCP Button Guide

There are 4 buttons located on the front of the autoloader to the right-hand side of the LCD display.




Number	Button	Description
2	Enter Button [↵]	The ENTER button to go to a sub menu or execute an action
7	Up Button [↑]	The UP button is used to navigate through menu items
12	Down Button [↓]	The DOWN button is used to navigate backward through menu item
8	Cancel Button [x]	The CANCEL button is used to cancel a user action and return to the last menu item
11	Power Button	Pressing the POWER ON/OFF button will initiate a controlled Power Down of the unit (soft power down)

Installing

Location requirements

Criteria	Definition
Rack requirements	Standard 19-inch rack with 1U of available clearance
Room Temperature	10°C to 35°C
Power Supply	<ul style="list-style-type: none"> ▪ AC power voltage: 110-127 VAC; 200-240 VAC ▪ Line frequency: 50-60 Hz ▪ Place the autoloader near to an AC outlet
Air Quality	<ul style="list-style-type: none"> ▪ Place the autoloader in an area with minimal source of particulate contamination. ▪ Avoid areas near frequently used doors and walkways, and areas that collect dust. ▪ Excessive dust and debris can damage tapes and tape drives.
Humidity	20 to 80 percent RH non-condensing
Clearance	<ul style="list-style-type: none"> ▪ Rear: Minimum of 154mm ▪ Front: <ul style="list-style-type: none"> ○ Minimum of 308mm – for the mail slot ○ Minimum of 600mm. to remove magazines ▪ Sides: Minimum of 50.8 mm

	<p>CAUTION</p> <p>The power source must be connected to a protective earth ground and comply with local electrical codes. Improper grounding may result in an electrical shock or damage to the unit. Failure to do so may cause injury or damage the unit. If you are using a rack, be careful not to exceed the power capabilities of the rack. For further information, see the user and service guide.</p>
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Preparing the host


For the best experience in using the SymplyPRO XTL it is important to make sure that the host server or workstation is correctly configured.

Symply recommend you follow these general guidelines:



- To get optimum performance from your SymplyPRO XTL a SAS or Fibre Channel HBA is required in the host that can transfer data at a rate that supports the autoloader's maximum burst transfer speed.
- Make sure that your data protection application supports the SAS or Fibre Channel (FC) HBA installed in the host.
- Install a suitable HBA that supports LUN scanning and TLR.
- Depending on the server configuration, you may need to change the SCSI IDs of the autoloader.
- When the host server is powered on, install the software and/or driver(s) that are compatible with the autoloader. Data protection software packages may require additional software or licensing to communicate with the autoloader robotics.
- Confirm the host server's operating system recognized the autoloader.


For more information on verifying the connections consult the HBA and operating system documentation.

	IMPORTANT	Some host adapters that are also RAID controllers do not support tape libraries. It is important that the host adapters support TLR.
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	TIP	Symply recommend ATTO SAS and Fibre Channel Host Adapters, they are available from Symply and our authorized resellers.
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Installing precautions

  WARNING	<ul style="list-style-type: none">• The SymplyPRO XTL 8 weighs 11.3 kg without media.• Risk of personal injury or damage to the autoloader due to the weight!• Always remove all tapes to reduce the overall weight of the autoloader.• Always observe local health and safety requirements and guidelines for manual material handling.• Reduce risk of damage to the device. When placing a autoloader into or removing the autoloader from a rack:<ul style="list-style-type: none">○ Extend the rack’s levelling jacks to the floor.○ Ensure that the full weight of the rack rests on the levelling jacks.○ Install stabilizing feet on the rack.○ Extend only one rack component at a time
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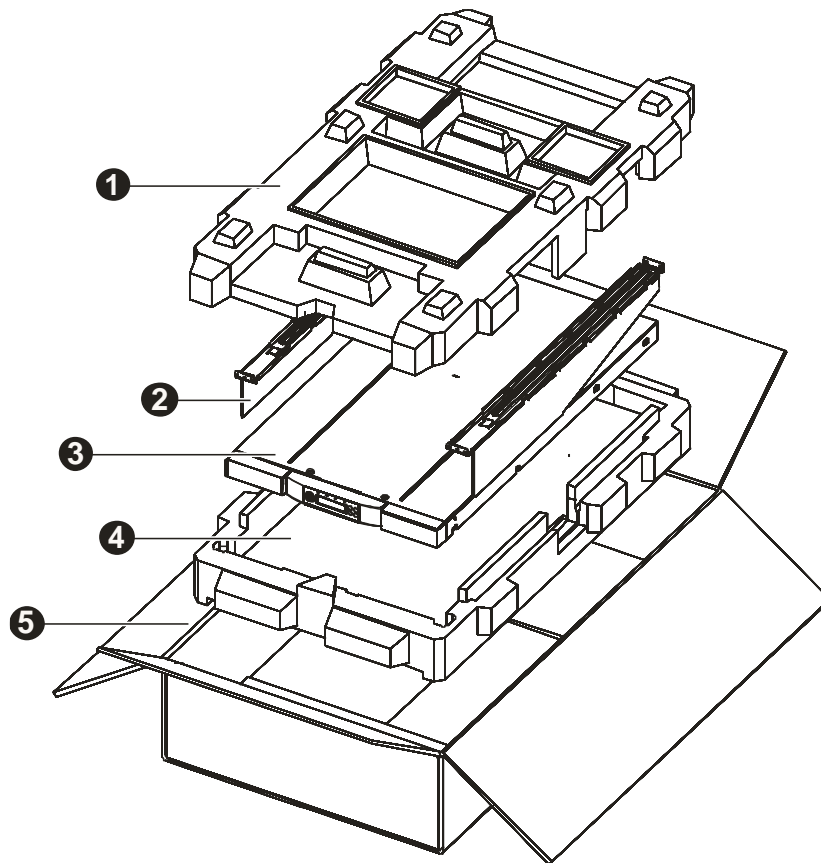
 NOTE	<ul style="list-style-type: none">• Do not expose the autoloader to moisture.• Use the autoloader on a firm level surface, free from vibration.• Do not place anything on top of the autoloader
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Unpacking the autoloader

Please inspect the unit for shipping damage. If there is damage, do not install the unit, report the damage immediately by contacting your place of purchase.

Caution should be used whenever lifting the SymplyPRO XTL 8 in and out of the shipping carton, make sure that the working area around you is free from obstructions.

- Carefully unpack the SymplyPRO XTL 8.
- Remove the shipping materials from the top of the autoloader.
- Remove the two rack rails and set aside.
- Carefully lift the autoloader out of the carton, remove the bag from the autoloader.
- Save the packaging materials for future use.



Number	Description
1	Top Packing Shell
2	Rack rails
3	Auto loader
4	Bottom Packing Shell
5	Shipping Carton



NOTE

Do not place the autoloader on either end or sides as this may damage the device.



IMPORTANT

Please retain SymplyPRO XTL 8 shipping carton and packaging for Warranty Purposes. If you need to return the unit for service, please make sure you do so in the original or equivalent packing material, or the warranty may be invalidated.

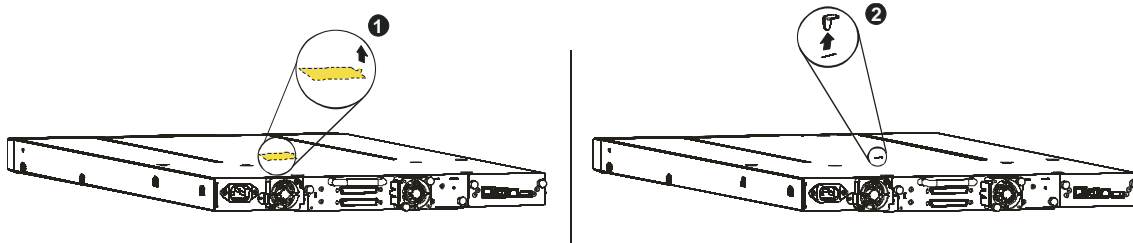
What's in the box?


Item	QTY	Description
SymplyPRO XTL 8	1	1U 8 Slot Autoloader with Single PSU
LTO Clean Cartridge	1	SymplyLTO Media - Ultrium Universal Cleaning Cartridge, with barcode
Ethernet Cable	1	RJ45 Cable (for management port)
Data Cable Optical	2	FC Units Only – 1 x 3m OM4 LC-LC Optical Cable
Data Cable SAS	2	SAS Units Only – 1 x 2m SAS Cable <ul style="list-style-type: none"> ▪ LTO-7 & LTO-8 include SFF-8080 -to- SFF-8644 ▪ LTO-9 include SFF-8644 -to- SFF-8644
Power Cable	1	2 m (6.5 ft) IEC power cord for local region
Welcome Card	1	Information Card Please Read Carefully
Rack-kit	1	<ul style="list-style-type: none"> ▪ 2 rack mount rails. ▪ 2 mounting brackets. ▪ 6 x M3 torx screws to fix the mounting brackets (9.5mm square holes) ▪ 6 x M3 torx screws to fix the mounting brackets (9.5mm round holes) ▪ M5 screws to secure the mounting brackets to the rack.
Shipping Carton	1	Please retain shipping carton and packaging for warranty purposes

Removing the shipping lock

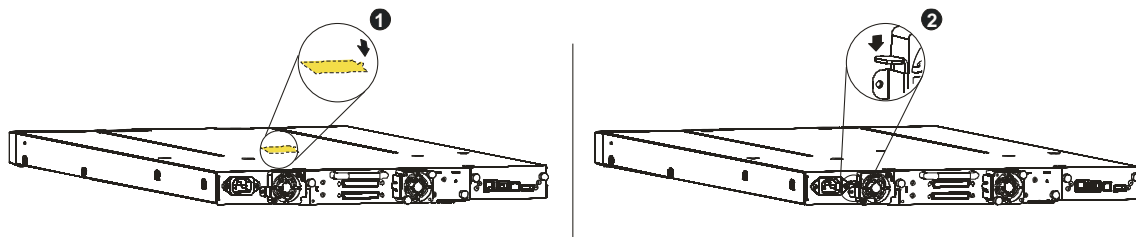
<p>! IMPORTANT</p>	<ul style="list-style-type: none">• The shipping lock, which prevents the robotic transport mechanism from moving during shipment, must now be removed before the autoloader is powered on.• The shipping lock is held in place with a label and is located in the top centre of the autoloader.• Remove the yellow label that is securing the lock to the top of the autoloader, and then remove the lock.
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Location of shipping lock and label on top of the autoloader



	<p>NOTE</p> <p>After the shipping lock is removed, it should be stored on the rear panel right side (next to power connector) of the autoloader for future use.</p>
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Store the lock and label on the rear panel of the autoloader.



<p>! IMPORTANT</p>	<p>If you are required to transport the autoloader, the shipping lock and label must be replaced in its original location on the top cover</p>
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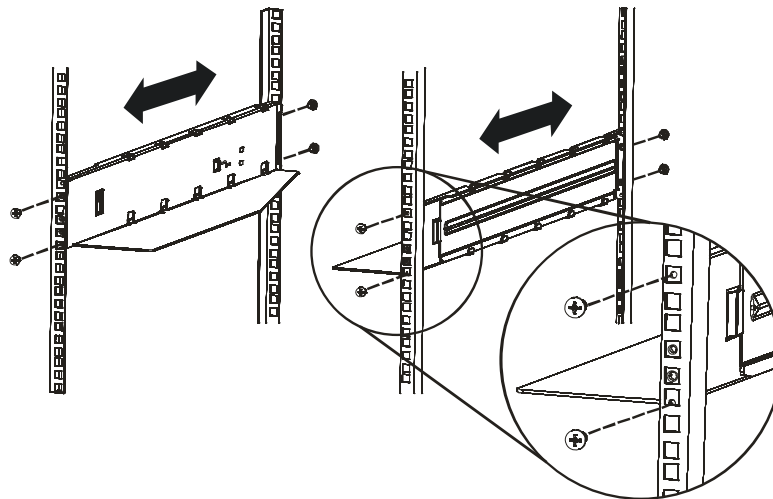
Rack mounting the autoloader.

Required Tools:

- #3 Phillips screwdriver
- T10 Torx screwdriver

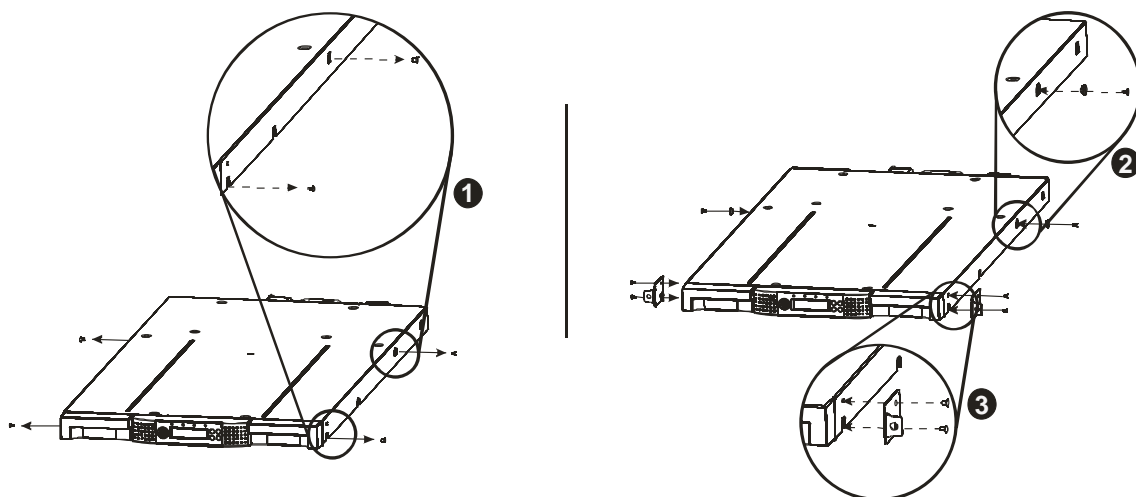
Rack mounting the autoloader:

- 1) Determine the location in the rack for the 1U autoloader to be installed.
- 2) Using a pencil, mark the location on each vertical rail in the rack.
- 3) In the rack mount kit are two sets of eight M6 screws. Determine the type of rack and then choose the appropriate type of M6 screw.
- 4) Using the screws for the rack type, and a #3 Phillips screwdriver, secure one rail to each side of the rack in your chosen rack location. Secure both the front and back of each rail to the rack. The rails extend to fit a variety of rack depths. The correct orientation of the left and right rails is shown below.



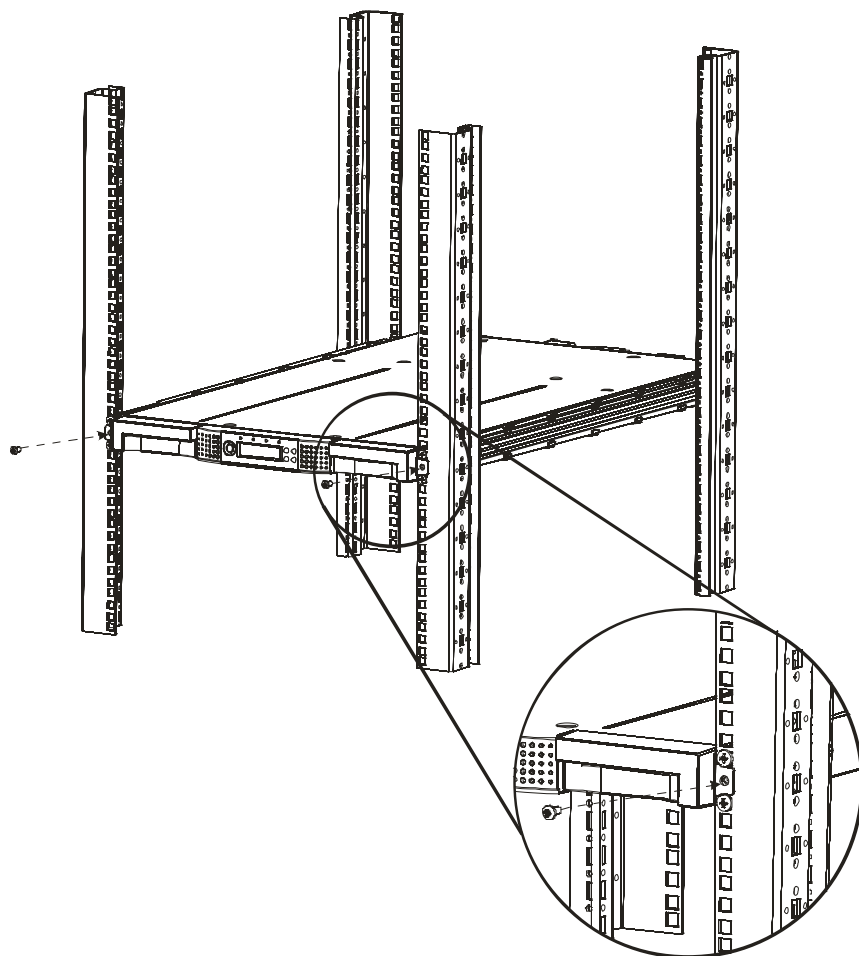
- 5) Using the Torx screwdriver, remove the screws on each side of your autoloader, as shown below.

Installing the mounting brackets and guide pulleys





- 6) Install the autoloader guide pulleys on each side of the autoloader using the 2 Torx screws included in the rack kit.
- 7) Install the mounting brackets of the autoloader using the 4 Torxs screws included in the rack kit.
- 8) With autoloader guide pulleys and mounting brackets installed, slide the autoloader onto the rails.
- 9) Secure the autoloader to the rack using a 3# Phillips screwdriver placed through the small holes in the mounting bracket to tighten the M5 screw on each side of the autoloader.


Securing the autoloader to the rack.



Connecting the cables

 DANGER	<p>Only use approved power cords! Not doing so can result in the following:</p> <ul style="list-style-type: none">• Not meeting individual country specific safety requirements.• Insufficient conductor amp capacity that could result in overheating with potential personal injury and/or property damage.• An unapproved power cord could fracture resulting in the internal contacts being exposed, which potentially could subject the user to a shock hazard.• Observe local health and safety requirements and guidelines for manual material handling.
---	--

 WARNING	<p>The use of unapproved power cords risks personal injury and damage to the device. Before connecting a power cord to the autoloader:</p> <ul style="list-style-type: none">• Ensure that the power cord meets individual country specific safety.• Use a sufficient conductor amp capacity to avoid overheating the autoloader.
--	--

 NOTE	<p>Symply disclaims all liability in the event a non-manufacturer approved power cord is used.</p>
---	--

To connect the power cord to the autoloader:

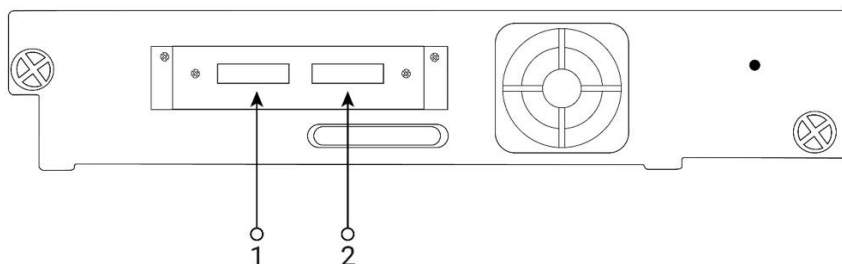
- 1) Plug the power cord into the power connector (AC connector) on the rear panel of the power supply, see the user and service guide for more information.
- 2) Plug the power cord into the power outlet of the power supply.

Connecting the data cables to the tape drive

All the SymplyPRO XTL Tape Drive Modules have dual ports. Port A and Port B. When connecting to the host please ensure that the host is connected to Port A.

Connecting a SAS cable

Only use cables specified for your LTO SAS tape drive. The LTO-7 and LTO-8 drives have an SFF-8088 connectors, and the LTO-9 drives have an SFF-8644 connectors. For best performance Symply does not recommend SAS cables over 3m.



Number	Description
1	SAS Port A
2	SAS Port B

Connecting a Fibre Channel (FC) Cable

Use only cables specified for the LTO FC drive. Each FC tape drive has two FC ports.

- Cable <Port A> only
 - Configure <Port B>: for <Auto Detect> on <Fibre Speed> and <Port Type>
- 1) Remove the FC port caps if necessary. Attach one end of the FC cable to <Port A> on the tape drive.
 - 2) Attach the other end of the FC cable to a switch or HBA.

Connecting Ethernet Management Cable

The connection to the Ethernet network is via a standard RJ45 copper interface on the rear panel of the autoloader. The Ethernet connection is used to access the autoloader Remote Management Interface (RMI) over the network.

To connect the autoloader to the Ethernet network, insert the Ethernet cable into the Ethernet port of the autoloader. When the plug is in the correct position a click should be heard.



NOTE

The management Ethernet port is set to DHCP as standard.

For more information, please see the XTL 8 User and Service Guide.

Default Username, Password and IP Configuration

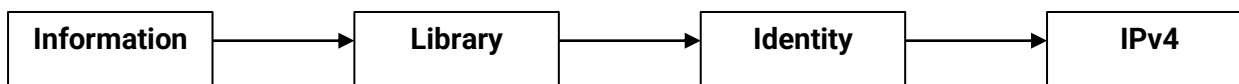
Remote Management Unit (Web Interface) Credentials

Username	Description	Password
Guest	Standard User	systd
Admin	Administrator User	syadm
Service	Service User	sysrv

Default IP Address

Management Port (GbE RJ45)	
IP Address	DHCP Default

The management port is set to DHCP, the resolved IP address can be accessed via the OCP display.



Operator Control Panel (OCP) Credentials

Username	Description	PIN
Guest	Standard User	0000
Admin	Administrator User	0000
Service	Service User	0000

Connecting a USB device

The USB port is on the rear of the autoloader. It can be used for Firmware upgrades via the Operator Control Panel (OCP) on the front of the autoloader. For more information, please see the XTL 8 User and Service Guide.

Powering up/down the Autoloader

Before powering on the system, ensure that none of the ventilation holes, or fans are blocked, that there are no obstructions around the system blocking airflow, that the environment is within the specified operating conditions and that acclimatization time has been allowed for both the autoloader and the media.

- Ensure the LTO drives are correctly installed in the autoloader.
- Check that the shipping lock has been removed.

Part of the Operator Control Panel (OCP) is the Power On/Off button. Pressing this button will power up/down the autoloader. The powering up will take a few minutes including scanning the inventory and configuration.



NOTE

The shutdown process may be aborted by pressing Cancel within the first 3 seconds.

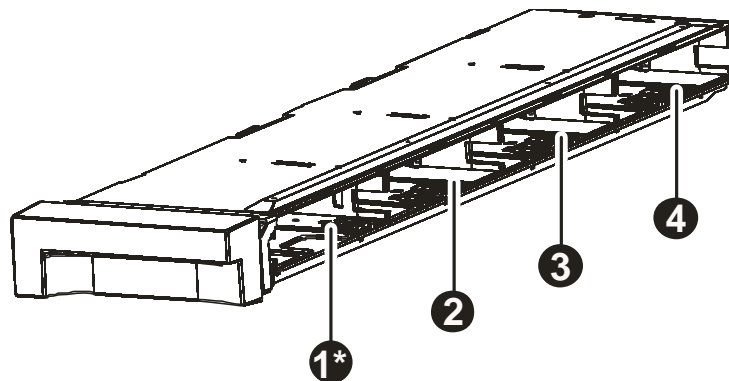
Magazines

The XTL 8 tape autoloader makes use of removable magazines, in which the tape cartridges are stored. The magazines may be removed and inserted individually. Magazines are locked to prevent unauthorised removal when inserted in the autoloader, and the unlock Magazine access may be password protected. For safety reasons the robotic motion is stopped whenever a magazine is removed from the autoloader.

The magazines can be unlocked using the OCP or the RMU, please see the XTL 8 User and Service Guide.

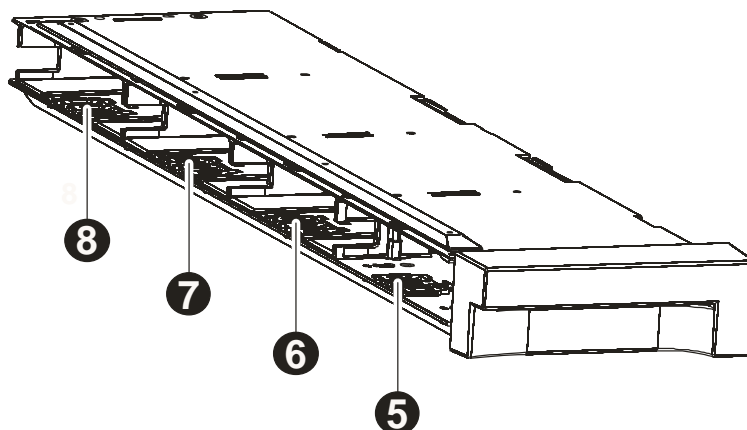
In the event of the OCP or the RMU initiated process fails to unlock the magazine, or the autoloader no longer has power, a manual emergency release is available, please see the XTL 8 User and Service Guide.

The slot numbering scheme is shown below for the left magazine.



Number	Description
1	Mailslot
2	LTO Slot
3	LTO Slot
4	LTO Slot

Slot numbering right magazine



Number	Description
5	LTO Slot
6	LTO Slot
7	LTO Slot
8	LTO Slot

Mailslots

Mailslots are used to import/export individual cartridges without interrupting autoloader operation. The command to open the mailslot may be denied if the robotics is busy with some operation. In that case "Busy" is displayed and the command has to be repeated once the robotics operation is finished.

The XTL 8 autoloader provides in the bottom left position a single (slot 1) mail slot magazine.

Operating the SymplyPRO XTL 8

This chapter provide information about the operation and configuration of the SymplyPRO XTL 8 Tape Autoloader.

Operator Control Panel (OCP)

There are two basic modes that the OCP operates in.

- User Interaction Mode
- System Drive Mode

First is the User Interaction Mode. This mode is employed when a user is controlling the autoloader via the buttons on the OCP on the front of the autoloader.

The second mode is the System Driven Mode. This is the usual mode of operation, when the autoloader is controlled via backup or archive software running on the host server or workstation. In this mode, the OCP displays status associated with the actions that were caused from commands issued via the Drive's interface. Actions like Loading, Rewinding or Moving tape will be displayed.

When an OCP button is pressed and released, the OCP automatically transitions to User Interaction Mode. User Interaction mode will continue until 3 minutes after a user stops pushing buttons, or the requested robotic action stops - whichever is longer. At this time the OCP will return to System Driven Mode.

The SymplyPRO XTL 8 includes a user security feature, which when activated restricts the User Interaction Mode access to the Information and Login menu item, until a login with correct PIN is entered.

OCP Philosophy

Any OCP operation must obey some basic rules. These rules of operation constitute a 'philosophy'.

- Any operational conflict between commands received via the drive interface, or Remote Management Unit (RMU) and those entered via the front panel (OCP) are avoided with a reservation mechanism on a 'first-come, first-served' basis. Any reservation by OCP is cancelled by an OCP logout or the timeout, which cancels the User Interaction Mode, and makes the autoloader available for reservation from the RMU.
- The autoloader firmware will not allow a user to select an impossible request. Those situations will include, but are not limited to:
 - Moving a cartridge from any source to a full slot
 - Moving a cartridge from an empty slot
 - Loading a cartridge from any source to a full drive
 - Unloading a cartridge from an empty drive

- Any error detected by the autoloader or drive controller and not recoverable through predetermined firmware algorithms will be considered as fatal. An error code will be displayed on the LCD and the error LED will become illuminated. The error code will remain on the OCP until a push button is pressed, which will cause the OCP to return to the Home Screen.
- Numeric error codes are only used for unrecoverable, fatal errors, otherwise text status messages are provided.

Remote Management Unit (RMU)

Many of the same operations performed from the operator control panel can also be performed remotely using the Remote Management Unit.

The RMU lets you monitor and control your autoloader from any terminal connected to your network or through the World Wide Web (WWW). The RMU hosts a dedicated, protected Internet site that displays a graphical representation of your autoloader.

After establishing a connection to the autoloader open any HTML browser and enter the IP address of the autoloader.



NOTE

The IP address for the XTL 8 is set to DHCP as default.

RMU Login

To login, select the access type and enter the correct password. There are three levels of access:

- Standard user level
- Admin user level
- Service personnel user level. Access to this level is by Service personnel only.

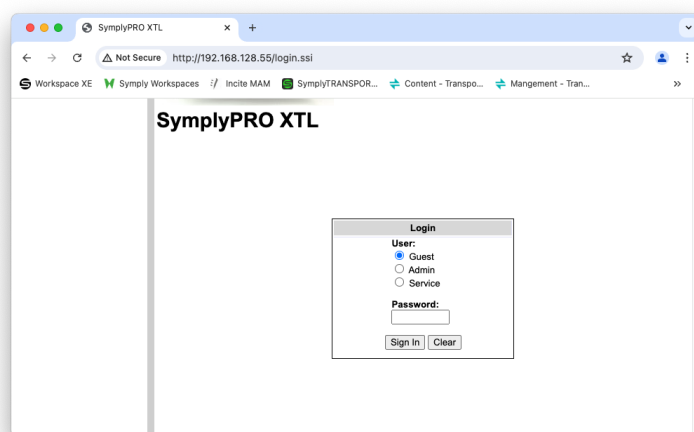
Each level affects which areas you have access to and what actions you can initiate from those areas.



IMPORTANT

Some options of the RMU take the autoloader offline. This inactive mode can interfere with host-based application software, causing data loss. Make sure the autoloader is idle before attempting to perform any remote operations that will take the autoloader offline.

RMU Login Page:



Description	Username	Password
Standard Password	Guest	systd
Admin Password	Admin	syadm
Service Password	Service	sysrv

Operations available through the RMU include:

Identity

- Viewing static autoloader information
- Viewing static drive information

Status

- Viewing dynamic autoloader information
- Viewing dynamic drive information
- Viewing the tape cartridge inventory
- Configuration
- Changing the system configuration
- Changing the drive configuration
- Changing the network configuration
- Changing the administrative password
- Setting date/time
- Setting error log mode
- Setting event notification parameters
- Restoring factory defaults

Operations

- Moving media within the autoloader
- Determining current media inventory
- Releasing and replacing magazines

Service

- Performing general autoloader diagnostics
- Determining and updating firmware
- Rebooting the autoloader
- Viewing autoloader logs
- Cleaning tape drive(s)

Getting Help

The SymplyPRO XTL 8 Tape Autoloader User Guide will provide further details on, how to install, configure, operate, trouble and service the XTL 8 if required.

The SymplyPRO XTL 8 Tape Autoloader User Guide is available to download from <https://support.gosymply.com/>