

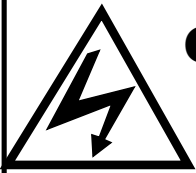


MPT 400

ATM Interface

Operating Instructions

WARNING: To prevent fire or electrical shock, Do not expose this appliance to rain or moisture.
ADVERTENCIA: Par evitar incendios o choques no eléctricos, exponga este equipo a la lluvia ni a la humedad.
MISE EN GARDE : Afin de réduire les risques d'incendie et d'électrocution, éviter d'exposer cet appareil à la pluie ou à l'humidité.



CAUTION - PRECAUCIÓN - ATTENTION

RISK OF ELECTRICAL SHOCK - DO NOT OPEN!
RIESGO DE CHOQUE ELÉCTRICO ¡NO SE ABRA!
RISQUE D'ÉLECTROCUTION NE PAS OUVRIR !



CAUTION! To prevent electric shock do not remove cover. No user serviceable components inside. Refer servicing to qualified service personnel.
¡PRECAUCIÓN! Para evitar choques eléctricos, no quite la cubierta. No contiene componentes reparables por el usuario. Para reparaciones, llame al personal deservicio calificado.
ATTENTION! Afin de réduire le risqué d'électrocution, ne pas enlever le couvercle. Cet appareil ne renferme aucune pièce que pelt réparer l'utilisateur. Faire appel à du personnel qualifié pour les réparations.



The lightning flash with the arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

El símbolo de rayo eléctrico con punta de flecha dentro de un triángulo equilátero, tiene la intención de avisar al usuario de la presencia de "voltaje peligroso" no aislado dentro de la caja del producto que puede ser de magnitud suficiente para constituir un riesgo de choque eléctrico a personas.

Le symbole représentant un éclair terminé par une flèche, dans un triangle équilatéral, avertit l'utilisateur de la présence d'une "tension dangereuse" non isolée à l'intérieur de l'appareil. Le voltage de cette tension peut être suffisant pour constituer un risque d'incendie ou d'électrocution.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

El símbolo de exclamación dentro de un triángulo equilátero tiene la intención de avisar al usuario de la presencia de instrucciones importantes de operación y mantenimiento (servicio) en la información impresa que acompaña al equipo.

Le symbole représentant un point d'exclamation dans un triangle l'utilisateur de la équilatéral avertit présence de directives importantes d'utilisation et d'entretien dans la documentation accompagnant cet appareil.

IMPORTANT NOTE - NOTA IMPORTANTE - REMARQUE IMPORTANTE

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

A través de las pruebas realizadas con este equipo se comprobó que cumple con los límites establecidos para dispositivos digitales de Clase A, acorde con la parte 15 de las normas de la FCC. Estos límites se han diseñado para proporcionar un grado razonable de protección contra interferencias perjudiciales cuando se utiliza el equipo en un entorno comercial. Este equipo genera, utiliza y puede radiar energía de radiofrecuencia y, si no se instala y utiliza acorde con el manual de instrucciones, puede causar interferencias perjudiciales para las comunicaciones por radio. Es muy probable que la utilización de este equipo en un área residencial cause interferencias perjudiciales. En este caso, el usuario debe eliminar las interferencias por sus propios medios.

Los cambios o modificaciones que no estén aprobados expresamente por la parte responsable del cumplimiento podrían invalidar la autoridad del usuario para operar este equipo.

Cet équipement a été testé et certifié conforme aux limites établies pour un équipement numérique de classe A, conformément au paragraphe 15 des règlements FCC. Ces limites ont été établies afin de fournir une protection raisonnable contre les interférences nuisibles en cas d'utilisation de cet équipement en environnement commercial. Cet équipement crée, utilise et peut émettre des radiofréquences qui, s'il n'est pas installé et utilisé conformément aux instructions, peuvent provoquer des interférences nuisibles aux communications radio. L'utilisation de cet équipement en environnement résidentiel peut causer des interférences nuisibles, auquel cas le propriétaire dudit équipement est tenu de corriger le problème d'interférence à ses frais.

Des changements ou des modifications non expressément agréées par la partie responsable de la conformité peut annuler l'autorisation de l'utilisateur à employer l'équipement.

WARNING - ADVERTENCIA - MISE EN GARDE

This class A digital apparatus complies with Canadian ICES-003.
Este aparato digital de la clase A cumple con las regulaciones canadienses ICES-003
Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

The information in this document is subject to change without notice.
GYYR@ is a registered trademark of Gyyr, Inc.
No part of this document may be photocopied, reproduced, or translated into another language without prior written consent of Gyyr, Inc.
© 2000 Gyyr, Inc. All rights reserved.

La información contenida en este documento está sujeta a cambio sin previo aviso. GYYR® es una marca comercial registrada de Gyyr, Inc.
Está prohibida la reproducción, el fotocopiado o la traducción a otro idioma de cualquier parte de este documento sin el permiso escrito de Gyyr, Inc.
© 2000 Gyyr, Inc. Todos los derechos reservados.

Les renseignements contenus dans ce document peuvent être modifiés sans préavis.
GYYR® est une marque déposée de Gyyr, Inc.
Il est interdit de photocopier et de reproduire ce document ou de le traduire dans une autre langue sans le consentement écrit de Gyyr, Inc.
© 2000 Gyyr, Inc. Tous droits réservés

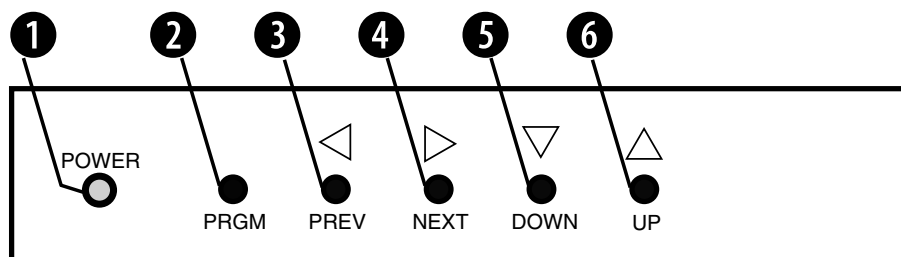
Table of Contents

Front Panel Controls	3
Back Panel Features	4
Power Supplies	4
Installation	5
Introduction	5
Materials Required for Installation	5
Installing into a Typical ATM System	5
Main Menu	7
RS-232 Options Submenu	8
ATM Text Formatter Submenu	10
Lock to ATM Submenu	12
System Data Submenu	13
DVMS Recorder Setup	14
Set the DVMS 100 Parameters	14
Set the DVMS 400 Parameters	14
Appendix A: Troubleshooting	15
Appendix B: List of Supported ATMs	16
Appendix C: Specifications	17



Front Panel Controls

Each of the front panel controls is described below.



1 **POWER**

Power indicator light.

2 **PRGM (Program)**

Press the program button to:

- Display the Main Menu.
- Edit a line of the menu. Move the cursor (using the UP or DOWN buttons, see 5-6 below) to the line you wish to edit. Press the PRGM button and the value in the line begins to blink. Use the UP or DOWN buttons to change values. When the desired value is displayed, press PRGM again to select that choice. If you wish to cancel, do not change the value and press PRGM.
- Access a submenu. Move the cursor to the submenu line, and press the PRGM button. The submenu appears. Any menu line that is followed by an arrowhead is a submenu.

3 **PREV (Previous)**

Use when you need to edit several lines in a menu. Press PREV while a value in a menu line is blinking, and the value in the previous menu line blinks instead and may be edited. If the value in the first line is blinking, pressing PREV causes the value in the last menu line to blink.

4 **NEXT**

The NEXT button works in the same manner as the PREV button, except this button causes the value in the next line to blink. If the value in the last line is blinking, pressing NEXT causes the value in the first line to blink. Use the PREV and NEXT buttons as shortcuts in the editing procedure.

5 **DOWN**

Use the DOWN button to:

- Move the cursor down in a menu.
- To change values when a value is blinking in a menu.

6 **UP**

Use the UP button to:

- Move the cursor up in a menu.
- To change values when a value is blinking in a menu.

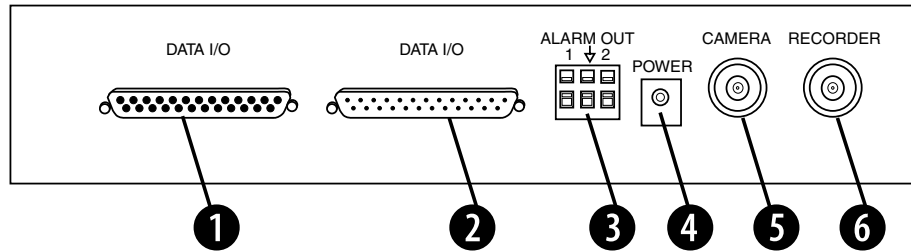
NOTE:

Position the on-screen text using the following front panel buttons. Press:

- PREV to move the text to the left on the screen.
- NEXT to move the text to the right on the screen.
- UP to move the text up the screen
- DOWN to move it down the screen.

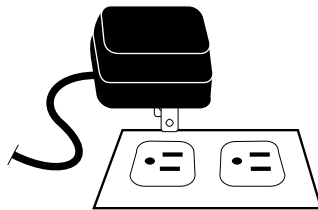
Back Panel Features

Each of the back panel features is described below.



- 1 DATA I/O (Y-cable input)**
25-pin connector for RS-232 serial data input. Typically tapped into the ATM interface with the Y-cable.
- 2 DATA I/O (out to DVMS recorder)**
25-pin connector for RS-232 serial data output to the DVMS recorder.
- 3 ALARM OUT (not implemented)**
- 4 POWER**
Jack for power input from power supply.
- 5 CAMERA (not required)**
BNC connector for video input.
- 6 RECORDER**
BNC connector for video output to monitor or recorder.

Power Supplies



Domestic
Input: 120 Volts, 60 Hz
Output: 5 volts DC, 600 mA

International
Input: 100-250volts, 50 Hz
Output: 5 volts DC, 1 A

Because the weight of the power supply could pull the plug from a wall outlet, we recommend you install the power supply horizontally, using a floor outlet or dedicated power strip.

Installation

Introduction

Installation of the MPT 400 involves these steps:

- Installing the Y-cable between the modem and the cable going to the ATM.
- Connecting the unit into your surveillance system.
- Configuring the MPT 400 to match data protocols.
- Configuring the DVMS recorder for text insertion.

It is important to know the Protocol (ASYNC, SYNC, SDLC), baud rate, parity (on/off, even/odd), and number of characters (7 or 8 bits) of the device's RS-232 data signal.

Materials Required for Installation

The MPT 400 is shipped with a six-foot data cable equipped with 25-pin (DB25) to 9-pin (DB9) connector and a Y-cable.

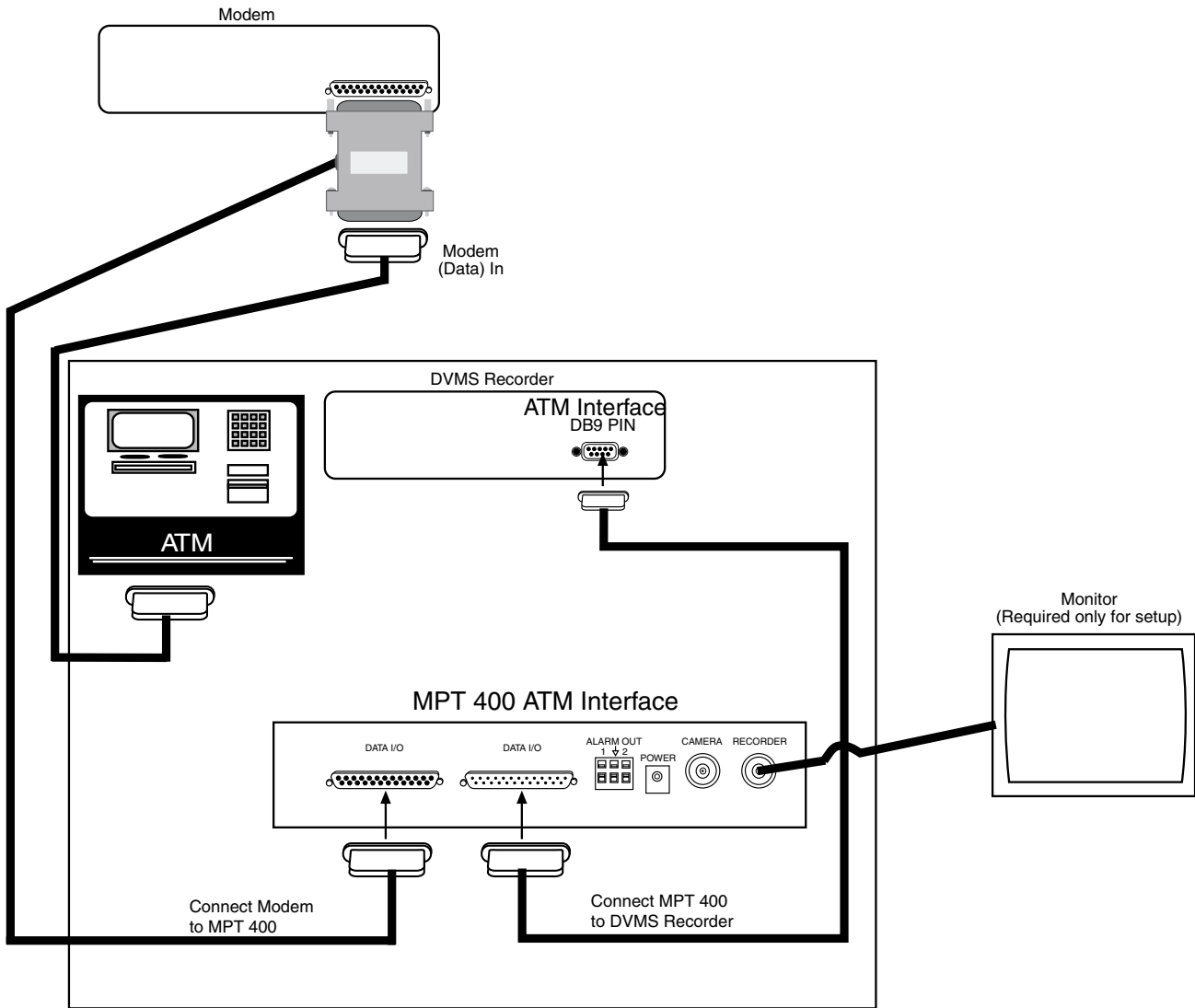
Installing into a Typical ATM System

To install the MPT 400 into an ATM/modem system:

1. Remove the data cable that is connected from the ATM to the modem at the modem end.
2. Attach the Y-cable between the modem and cable going to the ATM.
3. Connect the other end of the Y-cable to the MPT 400's DATA I/O port.
4. Attach the DB25 to DB9 data cable (supplied with the MPT 400) to the other DATA I/O port of the MPT 400.
5. Attach a video cable from the RECORDER output of the MPT 400 to a monitor to view and setup the menu parameters.
6. Attach the power cord to the MPT 400's POWER connector and plug into a power source.

The diagram on the next page describes a typical system interface with the MPT 400 connected to an ATM, modem, monitor, and DVMS recorder.

Typical System Installation



NOTE: Use only shielded and grounded cables to insure compliance with FCC Regulations.

Main Menu

The Main Menu allows access to four submenus. See the “Front Panel Controls” section of this manual for information on how to navigate through a menu using the PGRM, PREV, NEXT, UP, and DOWN buttons. An arrow-head displayed to the right of a menu line indicates that the line is actually a submenu. Position the cursor next to the line and press PRGM to open the submenu.

```
Main Menu  
Exit >  
RS-232 Options >  
ATM Text Formatter >  
Lock to ATM >  
System Data >
```

RS-232 Options Submenu

The MPT 400 supports the Asynchronous, Synchronous, and Synchronous Data Link Control (SDLC) RS-232 protocols.

Each protocol has several adjustable parameters. Only one set of protocol parameters can be selected on the MPT 400 at one time. The most commonly used protocol is Asynchronous. Refer to the operating instructions of the ATM to determine its current protocol.

RS-232 Options

Exit

Configuration: User
Protocol: Asynchronous
Baud Rate: 9600
Parity: None
Mode: 1 Stop
Code: 8-bit ASCII
Device: Generic
Device Address: 00 >

The RS-232 Set-Up menu permits simple and flexible adjustments of the parameters of a desired protocol. Refer to the following chart for a comprehensive listing of these parameter settings and function descriptions.

If Configuration is set to Auto, the MPT 400 automatically sets this menu if it recognizes the ATM. When set to User, you may configure this menu yourself.

Adjustable RS-232 Setup Parameters				
Function	Description	Parameter		
PROTOCOL	Organization of data transmission	ASYNC	SYNC	SDLC
BAUD	The speed of transmission measured in number of bits per second	1200 2400 4800 9600 14.4K 19.2K 38.4K	1200 2400 4800 9600 14.4K 19.2K 38.4K	1200 2400 4800 9600 14.4K 19.2K 38.4K
PARITY	Detection of transmission errors	None Odd Even	None Odd (7-bit) Even (7-bit)	None
MODE	Timing information modes	1 Stop 2 Stop	Sync-16 Sync-32	Sync NRZ NRZI
CODE	Data formats	7-Bit ASCII 8-bit ASCII EBCDIC	7-Bit ASCII 8-bit ASCII EBCDIC	EBCDIC
DEVICE	External Device Interface Selection	Generic Detectable ATM Interface		
ADDRESS	Network Address of Device Interface	00 through FF Hexadecimal Values		

**RS-232 Options
Submenu
(continued)**

Device Address

Exit

Address 1: 00

Address 2: 00

Address 3: 00

Address 4: 00

One MPT 400 can record transactions for up to four ATMs. This is true only if the network data, which the MPT 400 is tapped into, contains data for all four ATMs. For this application, enter the address of the ATMs to be recorded.

Some installations require one MPT 400 for each ATM because the network data, which the MPT 400 is tapped into, contains data for only one ATM. For this application, set the addresses of the ATMs in the correct address field.

Example: Record transaction for two ATMs. Their addresses are C1 and C2. The first MPT 400 has only one address field set (Address 1:C1). The second MPT 400 has only one address field set (Address 2:C2).

ATM Text Formatter Submenu

The default setting sends all printed data on the receipt to the DVMS Recorder. This menu allows specified data from an ATM receipt to be selected and output to the DVMS recorder.

The ATM Text Formatter menu appears as shown below:

Note: The Disp. Line column is not activated in this application.

ATM Text Formatter

```
Exit
Text Line Disp. Line
-- --
-- --
-- --
-- --
-- --
-- --
-- --
-- --
```

An example of a typical ATM receipt appears below. The bold type represents data that comes from the network, documenting the current transaction. The Underlined type is typical text that is preprinted on a bank's ATM receipts.

<u>DATE</u>	<u>TIME</u>	<u>LOCATION</u>
03/06/00	02:55PM	Placentia
<u>ACCOUNT</u>	<u>TRANSACTION TYPE</u>	
00070003XX	WITHDRAWAL	
<u>AMOUNT</u>	<u>BALANCE</u>	
\$ 20.00	\$ 341.16	
<u>THANK YOU FOR BANKING WITH</u> <u>FIRST GLOBAL EZBANK</u>		

Typical ATM Receipt

Text Lines

In this example, there are three lines of text. To determine a line number, count each line starting at the top of the receipt. In the example above, the line reading "\$ 20 \$341.16" is Text Line 3.

**ATM Text Formatter
Submenu
(continued)**

The Text Line entries enable the selected line to be sent to the DVMS recorder.

NOTE: The Disp. Line column is not activated in this application.

Text Format	
Exit	
Text Line	Disp. Line
1	--
2	--
--	--
--	--
--	--
--	--
--	--

This information is sent to the DVMS recorder:

03/06/00	02:55PM	Placentia
00070003XX	WITHDRAWAL	

Lock to ATM Submenu

This menu allows you to match the Time format of the MPT 400 to an ATM's Time format. Enter values that exactly match the ATM's format. Note that the Time format contains values with and without colons, and the Date format contains values with and without slashes. Enter the line number for Time and Date that the ATM uses for the Time and Date. In addition, enable Text Insertion Synchronization on the DVMS recorder.

Lock to ATM
Exit
Lock: NO
Time Format: 12hhmm
Date format: mmddyy

Time Line: 1
Date Line: 1

If you do not want to use the Lock to ATM feature, choose "NO" in the Lock line. The following formats are available in this menu.

Time Format: 12 hhmm
 12 hhmmss
 12 hh:mm
 12 hh:mm:ss
 24 hhmm
 24 hhmmss
 24 hh:mm
 24 hh:mm:ss
h=hours, m=minutes, s=seconds

Date Format: ddmmyy
 mmddyy
 yymmdd
 yyddmm
 dd/mm/yy
 mm/dd/yy
 yy/mm/dd
 yy/dd/mm

d=day, m=month, y=year

Time Line: 1st to 19th line
Date Line: 1st to 19th line

*** WARNING *** If you choose "YES" in the Lock to ATM line, the MPT 400 Time and Date format must match the ATM Time and Date format.

**System Data
Submenu**

This read-only menu displays the unit's firmware part number, revision letter, and software version. These functions are not user-programmable.

**System Data
Exit
P/N - XXXXXXX
Revision: N/C
Version: XXXXXX**

**Copyright 1995-2000
Gyr, Inc.**

DVMS Recorder Setup

Set the DVMS 100 Parameters

Follow this procedure to set the DVMS 100 parameters.

1. Access the Setup main menu.
2. Access the Install submenu.
3. Access the Text In submenu.
4. Access the Port Setup submenu. Enable the port, then set the parameter, Baud Rate = 19.2k. The rest of the parameters should stay at the defaulted values (Stop bits = 1, Data bits = 8, Parity = None, Flow Control = Hardware).
5. Go back to the Install submenu, access the Event Recording submenu, then access the Text Events submenu. Enable Text Event Port.
6. Access the Text Trigger Strings submenu. Enable Trigger All.
7. Enable Text Insertion Synchronization in the Clock Set menu if required. Also, set the Lock to ATM parameters on the MPT 400.

Set the DVMS 400 Parameters

Follow this procedure to set the DVMS 400 parameters.

1. Access the Setup menu.
2. Access the Install submenu.
3. Access the Text In submenu. The Text In Menu has configuration submenus for four Text In ports. Enable the number of port or ports required the same way.

Set the parameter, Baud Rate = 19.2k. The rest of the parameters should stay at the defaulted values (Stop bits = 1, Data bits = 8, Parity = None, Flow Control = Hardware).

4. Go back to the Install submenu, access the Event Recording submenu, then access the Text Events submenu. This menu has four Text Event submenus (Port 1 ... Port 4). Enable the number of port or ports required.

If the DVMS is going to record transactions for more than one ATM, then the Text Trigger String also needs to be programmed for each Port. Disable the Trigger All parameter and enable the Case Sensitive parameter. Program Text 1 with Port 1 (capital P). Go back to the Text Events submenu and configure the remaining ports as required, but replace the port number in the Text 1 string with the current port number. Example: configuring Port 2, Text 1 = Port 2.

If the DVMS is going to record transactions for one ATM only, enable Trigger All in the Text Trigger String submenu.

5. Enable Text Insertion Synchronization in the Clock Set menu if required. Also, set the Lock to ATM parameters on the MPT 400.

Appendix A: Troubleshooting

Once properly installed, your MPT 400 operates trouble free because the unit has no moving parts. However, should you encounter problems, check these possible causes.

NOTE: The MPT 400 does not require a camera input to operate.

Symptoms	Possible Causes	Actions To Take
Video, no text, Text Inserter power light off.	MPT 400 not powered.	Check power plug connection on MPT 400. Check that the DC power supply is plugged into outlet. Check that the outlet has power. If power light remains off, replace the power supply.
Black picture, no text, Text Inserter power light on.	Monitor is not powered or is not connected to the MPT 400.	Check that the monitor is connected correctly to the MPT 400 and has power.
Garbled Image.	Camera cable broken or loose.	Check cable connections between camera and MPT 400.
	Camera not functioning.	Check that the camera is powered and working properly.
Normal picture, no text.	Data is not being sent from the register or ATM.	Operate the register or ATM in a way that normally sends text.
	Data cable broken or loose.	Check the cable connections between register or ATM and the MPT 400. Check that the data cable is intact.
	Text is positioned off the screen.	Adjust the HORIZ and/or VERT text controls on the MPT 400.
Normal text over black or poor quality picture.	Camera lens in covered.	Remove obstruction from front of camera lens.
	Camera iris is closed or unadjusted.	If camera lens has manual iris control, open the iris. If auto-iris, adjust following its operation manual or refer for outside servicing.
	Camera lens not focused, dirty, or improperly connected.	Check condition of camera lens, refer for outside servicing if necessary.
	Camera electronics not operating properly.	Check condition of camera, refer for outside servicing if necessary.

Appendix B: List of Supported ATMs

Listed below are the names of all the ATMs programmed into the MPT 400.

ATMs

ATM Generic
Burroughs Generic
Express Bus
Fujitsu ACT ATM (Local Port)
IBM 3624 ATM
IBM 473X Native
IBM 473X SCI (Local Port)
NCR 508X (Local Port)

Devices with a local port are interfaced to the COM port of the ATM. Usually an option card needs to be installed on the ATM.

Do not select these devices if the Y-cable is connected between the modem and the ATM.

Appendix C: Specifications

Data Connector	DB25S 1 GND 2 TX (in) 3 RX (out) 4 CTS 5 RTS 7 GND 15 RCLK (in) 17 TCLK (in) 20 DTR (in)	DB25P 2 TX (out) 7 GND
Protocol Choices (on-screen programming)	ATM Baud rate Parity Sync/async SDLC HDLC Bisync or automatic set up	
Electrical Interface	RS-232-D	
Video Connectors	BNC	
Video Bandwidth	Up to 10 MHz	
Alarm Outputs	2, Terminal Block, TTL level, can sink 10mA when active, otherwise it is pulled to +5V through a 4.7K resistor	
Size	8.7" W x 1.9" H x 7.7" D (22.1 cm x 4.8 cm x 19.5 cm)	
Operating Temperature	40° F - 105° F (5° C - 40° C)	
Weight	3.2 pounds. (1.45 kg)	
Colors	Black case Light grey nomenclature	
Power	2 watts	
Time Date Generator: Height Positions Color	14 scan lines Adjustable top to bottom; left to right Black/white selectable	



The security industry's best electronic surveillance equipment deserves the security industry's best warranty program...

Parts and Labor for One Year

Person-to-Person™ service for a lifetime

When you buy a Gyr product you're buying more than just great electronic surveillance equipment. That's because Gyr's electronic products are backed by a one-year parts and labor program — plus the support of Gyr's Person-to-Person service staff for the life of the product. To register your new product, complete and return this card. Then sit back and relax. You've got Gyr on your side.

Customer Survey

! Please provide us with the following information:

Company Name: _____

Your Name: _____

Address: _____

City: _____

State/Country: _____ Zip: _____

Phone: _____ Fax: _____

E-mail Address: _____

Product Purchased: _____

Model Number: _____ Serial Number: _____

Date of Purchase: _____

Equipment Purchased From: _____

Vendor's Address: _____

City: _____

State/Country: _____ Zip: _____

? How did you hear about this product? (Select one)

- Dealer recommendation
- Consultant Press Release
- Friend Advertising
- Past experience with Gyr, Inc. equipment
- Article. What publication? _____

? What other brands did you consider? (List all)

! Put check next to primary type of business/product application? (Select one)

- Architectural/Engineering Firm
- Distribution/Transportation
- Education (School/College/University)
- Financial/Banking/Insurance
- Government (Nonmilitary)
- Health Care (Hospital/Nursing Home)
- Hotel/Motel/Resort
- Industrial/Manufacturing Co.
- Law Enforcement/Corrections
- Library/Museum
- Military
- Retail
- Security Consulting Firm
- Utilities/Communications
- Other: _____

! Put check by reason for purchasing equipment? (Select one)

- Additional equipment for an existing location
- Equipment for a new location
- Replacement of an individual component
- Replacement of an existing system

! To thank you for your time, we'd like to send you a small gift. Please indicate your preference:

- Gyr Screw Driver Set
- Gyr Coffee Mug
- Gyr Mouse Pad

One-Year Limited Warranty

During the period of one (1) year after sale to the original end-user, the manufacturer warrants this product in workmanship and material.

The manufacturer will replace all necessary parts without a charge for parts or labor.

The warranty shall not apply to defects resulting from unauthorized modification, misuse, fire, floods, acts of nature or alterations of serial number.

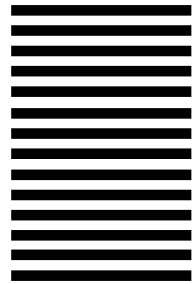
The manufacturer makes no other warranty, either expressed or implied, with respect to its products. The manufacturer specifically disclaims the implied warranties of merchantability and fitness for a particular purpose. However, any implied warrant of merchantability or fitness that may apply is limited to time periods listed above. Some states or provinces do not allow exclusion or limitations on implied warranties, so the above limitation or exclusion may not apply.

The manufacturer shall have no liability for any loss or damage, direct or consequential, arising out of the use or inability to use the product.

Cut Here



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES



BUSINESS REPLY MAIL
FIRST CLASS PERMIT NUMBER 44 ANAHEIM, USA
POSTAGE WILL BE PAID BY ADDRESSEE

GYR, INC.
GYR SERVICE GROUP
1515 S. MANCHESTER AVENUE
ANAHEIM, CA 92802-9907



North and South American Information

1515 South Manchester Avenue
Anaheim, California USA 92802-2907

Sales

Tel: 714.772.1000 or 800.854.6853*
Fax: 714.780.7485 or 800.388.6363*

Technical Service and Support

Tel: 714.780.7923 or 800.445.9524*
Fax: 714.780.7943

European, Middle East, and African Information

530-535 Eskdale Road
Winnersh Triangle
Wokingham, Berkshire
United Kingdom RG41 5TU

Sales Tel: +44 (0) 118 927 4602
Service Tel: +44 (0) 118 927 4603
Fax: +44 (0) 118 944 0076



Gyrr, Inc. on the Internet
www.gyrr.com

Information furnished by Gyrr is believed to be accurate and reliable. However, no responsibility is assumed by Gyrr for its use nor for any infringements of patents or other rights of third parties that may result from its use. No license is granted by implication or otherwise under any patent rights of Gyrr, Inc. Specifications subject to change without notice.



*800 phone numbers only available from USA and Canada