

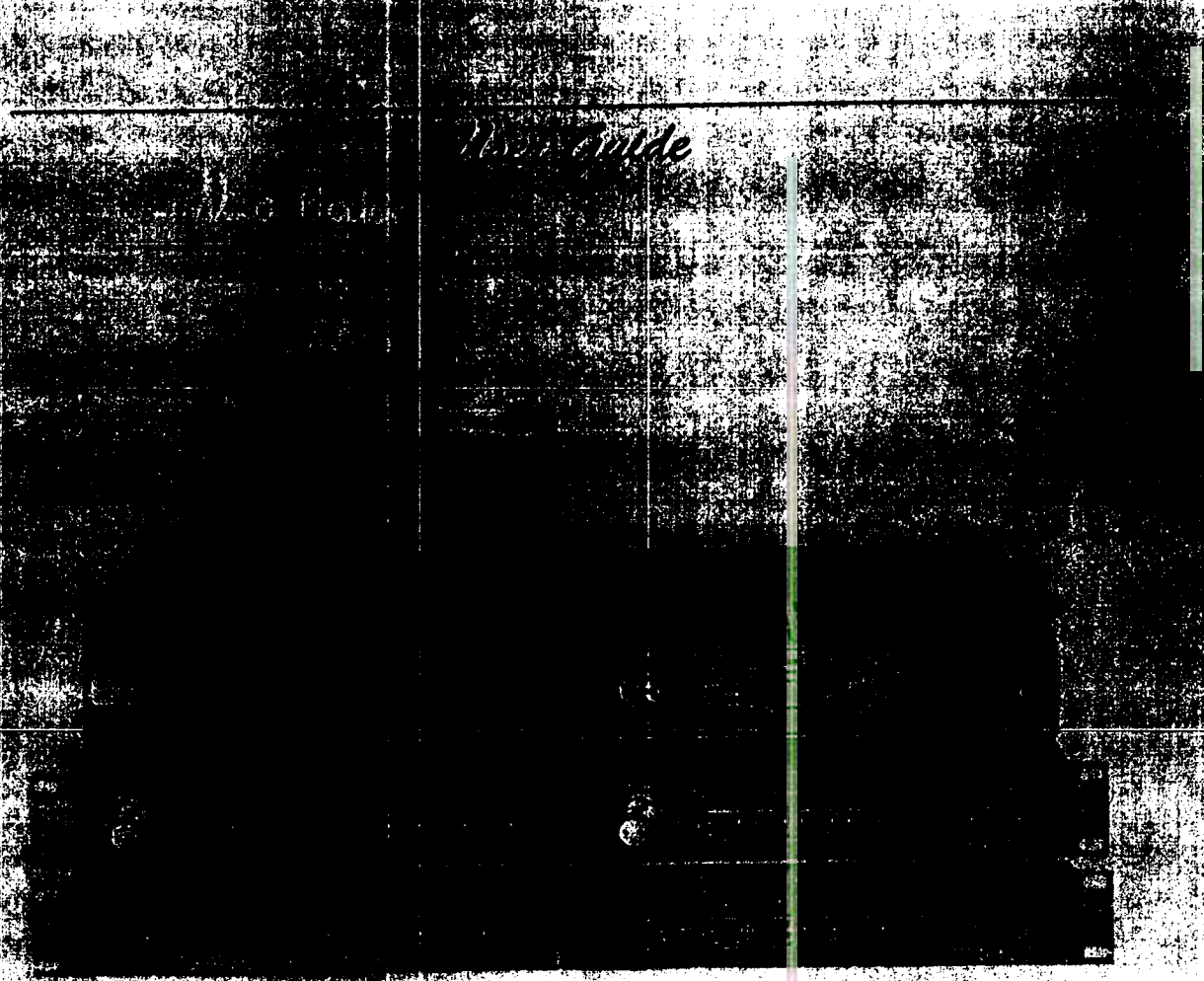
- 9 JUN 1999

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ICB8415

BPS-8414

14 Port Passive Star
for AS/400 & S/3X



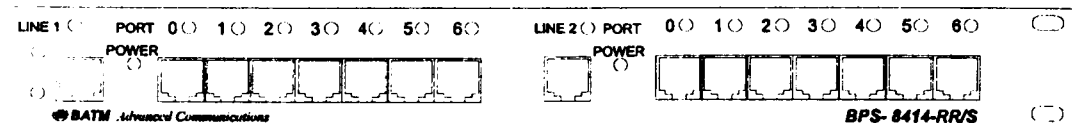
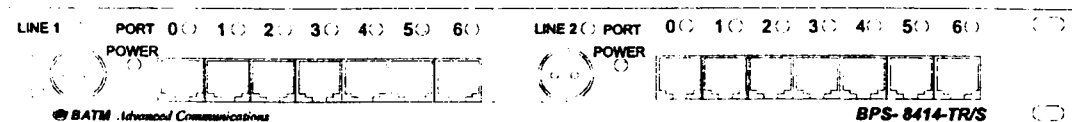
Introduction

BATM's BPS-8414 passive star for AS/400 and System 3X is designed to distribute twinaxial devices over Unshielded or Shielded Twisted Pair cables. All terminals and host ports are connected in a star configuration. The BPS-8414 reduces cabling congestion, improves system reliability and saves cabling costs by using Twisted Pair cables. Front panel connectors provide easy access and minimize re-wiring time.

No external power is required for this unit.

The BPS-8414 is a low price 1U' unit designed for a 19" Rack-mount.

Front Panel



BPS-8414 Unit Description

LINE 1 AND LINE 2

Line 1 and Line 2

Shielded/Unshielded RJ-45 connector or TWX connector, connection to the AS/400 host computer.

Port 0 Port 6

Shielded/Unshielded RJ-45 connectors, connections to the AS/400 devices.

BPS-8414 Installation Procedure

Visual inspection

Open the box and take out the BPS-8414 from the box and examine the BPS-8414 for defects and scratches.

Controller Side installation

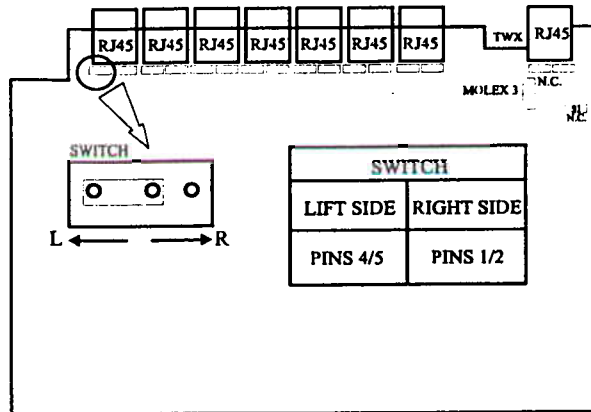
The BPS-8414 can be installed in several ways using either UTP cable and Unshielded PJ-45 Connector or STP cable with Shielded RJ-45 Connector or Twinax Connector.

Important Note: Shielded RJ-45 Connectors are suitable for UTP installations.

i. Using Shielded or Unshielded Twisted Pair (see: diagram #1)

1. Insert the BPS-8414 into the Rack-mount and secure it with screws.
2. Connect the RJ-45 cable between Line 1 of the BPS-8414 unit and the Host.
3. Follow the same procedure for Line #2.

DIAGRAM #3



SET UP JUMPER FOR ACTIVE PINS CHOOSE

BPS-8414-Troubleshooting

This Section is provided to trouble shoot a network which is built with BPS-8414 units.

Problem description	Phenomena	Action items
1. No response on user terminal.	More then single terminal is failed.	<ol style="list-style-type: none"> 1. Check the line cable and connection. 2. Check the active pins of BPS-8414. 3. Check the baluns between the BPS-8414 and the host, and between the BPS-8414 and the terminal. 4. Check the set up jumpers of the BPS-8414 (see diagrams).
2. No response on user terminal.	Single terminal is failed.	<ol style="list-style-type: none"> 1. Check the cable to the terminal. 2. Check the baluns between the BPS-8414 and the host.

For additional information, please contact:

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