REVERSIBLE

1-IN-4-OUT

4-IN-1-OUT

PARALLEL

AUTO SWITCH

AS-154P

User's Manual

Packing Checklist

- Reversible Auto Switch, AS-154P   x 1
- User's Manual, AS-154P   x 1
- 3.5" Floppy   x 1

Please read this manual thoroughly and follower the instruction procedures to prevent any damage to the AS-154P and/or the connecting devices.
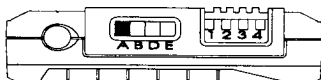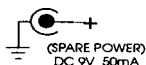
Introduction

AS-154P reversible auto switch allows either 4-IN-l-OUT or l-IN-4-OUT configuration. It helps to solve the problem between multiple users and multiple peripherals with the minimum cost. This unit has ATEN's latest ASIC technology which is both reliable and power free.

FEATURES:
- Reversible.
- Non-Powered.
- Compact size.
- Transparent to user.
- Easy to install.
- Win 3.1/95/NT, DOS Resident software include.
- Built-in powerful ASIC.
- FCC class B certificated.
- Unique broadcast mode supported.

SWITCH SETTING

(SPARE POWER)
DC 9V 50mA

For *4-IN-1-OUT* Mode

SW1	SW2	FUNCTION	SW3	SW4	TIMEOUT
OFF	OFF	4->1 AUTO LINK & FORM FEED DISABLE	ON	ON	5 SEC.
OFF	ON	4->1 AUTO LINK & FORM FEED ENABLE	ON	OFF	10 SEC.
ON	OFF	4->1 MANUAL MODE	OFF	ON	25 SEC.
			OFF	OFF	60 SEC.

Table A DIP switch

Note: (1) FormFeed selection and Timeout selection are available in "AUTO" mode (SW1=OFF) only.

(2) Slide switch selection is available in Manual mode (SW1 =ON, SW2=OFF) only.

For I-IN-4-OUT Mode

DIP SWITCH FUNCTION TABLE				
SW1	SW2	SW3	SW4	FUNCTION
ON	ON	X	X	1->4 MODE

Table B DIP switch

Note: *(1) FormFeed selection and Timeout selection are not available in 1 -to-4 mode*

(2) To function properly, all printers must be powered on or AS-154P be powered by on adapter

(3) Set up the slide switch before AS-154P powering on (from cold-reset).

(4) AS/2 WARE can be found on the floppy disk, check READ.ME file for detail.

Installation (**For 4-To-l Mode**)

- Select desired operation by DIP switch and slide switch.
- Turn off all PCs and printer.
- To connect PCs to AS- 154P use DB-25 male-to-male cables.
- To connect AS-154P to printer, use 25pin-to-36-pin male-to-male cable.
- Turn on all PCs and printer and AS-154P is ready.
  - * Scanning LED indicating AS-154P is in Auto Link mode.
  - * Non-scanning LED indicating AS154P is in Manual mode or prints data in Auto mode.
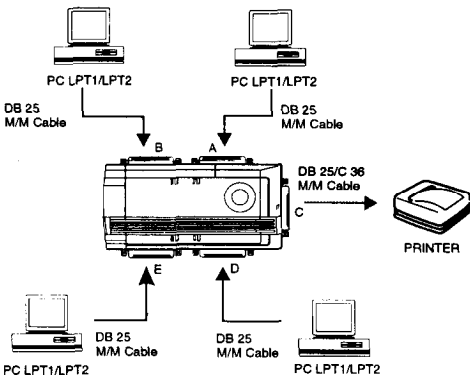
(4 -> 1)

Fig. A 4-IN- 1 -OUT configuration

Installation (For l-To-4 Mode)

- Select desired operation by DIP switch (SWl, SW2 is on) and **slide** switch.
- Turn off all printers and PC.
- To connect PC to AS-154P use DB-25 male-to-male cable.
- To connect AS-154P to printers, use 25pin-to-36-pin male-to-male cables.
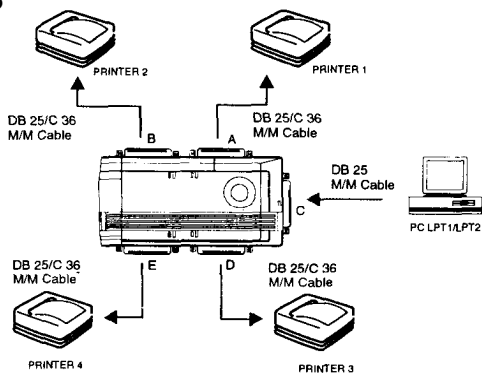- Turn on all printers and PC, and AS-154P is ready.

Fig. **B I-IN-4-OUT** configuration

Specifications

FUNCTION	AS-154P MODEL	
	4 TO 1	1 TO 4
Power Consumption	DC 9V 100mA (Max.)	
Cable Distance	6m (20ft) (max.)	
Connector-input (Female)	4 DB-25	1 DB-25
Connector-Output (Female)	1 DB-25	4 DB-25
LED	4 Inputs Status	4 Outputs Status
I/P Port Selection	Auto/Manual	X
O/P Port Selection	X	Software/Manual
Timeout	5/10/25/60 Sec.	X
Interface Type	Centronics	
Stock Temp.	-20°C ~ 60°C	
Operation Temp.	5°C ~ 40°C	
FormFeed	Enable/Disable	
Enclosure	Plastic	
Weight	175g	
Dimensions(LxWxH)	159x86x20mm	

Products Introduction

Portable storage series	The most easily way to expand your PC system via parallel port and no LPT port is occupied.
	Include; fur 2.5", 3.f" size Hard Disk and for 5 1/4" size CD-ROM models.
Video splitter series	The simplest solution for image duplication, cascade ability allows infinite numbers of VGA monitors display the same image
	Include : 1 to 16 Rack mount 1U model. 1 to 2/4/8 desktop models. /to 5 for MAC users
CPU switch series	Enable one set of console, a keyboard, a monitor and a mouse, to control multiple CPUs.
	Include:1 to 2/4/6 models for PC AT and PS/2 system and 1 to 4/8/16 Rack mount 1U or 2U models.
Printer network series	Enable multiple uses to shale multiple printers at the same time
	Include Centronics (parallel) & RS-232 (serial) models and they can be intermixed in a network
Converter series	The ability to converter one type of signal to another.
Switch buffer series	A variation of the basic Auto Switch, in the mean time, sends data to printer, which cuts delay and wait time.
	Include 2/4/8 to1, 4 to1/2 parallel models, buffer card has 256K, 1M, 2M bytes for your needed.
Auto switch series	Let you share your peripherals
	Include: 2/4/8 to1/2 bi-tronics may have tile transfer, reversible. parallel or send. 4 to 1 for MAC models
	Bi-tonics parallel port has become a standard in the JP LaserJet IV series. It is compatible with Centronics parallel, yet provides enhanced features such as bi-directional communication higher data throughput and printer control.
	Reversible function help to solve the problem between multiple user and multiple peripherals at minimum cost.

PREVENTING RADIO & TV INTERFERENCE

WARNING!!! This equipment has been tested and found to comply with 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:

- *Reoriented or relocated 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.*

LIMITED WARRANTY

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCT FROM DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK, OR ITS DOCUMENTATION.

The direct vendor makes no warranty or representation expressed, implied, or statutory with respect to the contents or use of this documentation, and specially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to revise or update device or documentation without obligation to notify any individual or entity of such revisions, or update. For further inquires please contact your direct vendor.