

CPU SHARING DEVICE

Installation and Use

English

CPU Sharing Device

39121 User's Manual



Packing Checklist

- ✓ 39121 CPU Sharing Device
- ✓ 1 User's Manual

Please read this manual thoroughly and follow the installation procedures carefully to prevent any damage to the 39121 and/or the devices it connects to.



LINDY Art. Nr. 39121

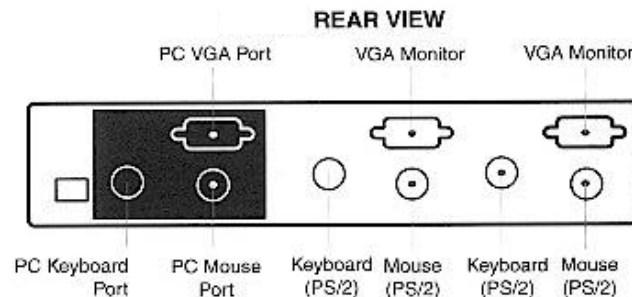


Introduction

The 39121 is a powerful microprocessor controlled CPU sharing device that enables two users to share a single computer. With two keyboard, mouse and monitor consoles, this multiuser-single tasking device is ideal for any small office environment. All programs, files, data, and resources can be easily shared without the knowledge of network.

Features

- ✓ Supports PS/2, IBM PC and Compatibles
- ✓ Supports PS/2, AT, and Auto Switchable Keyboards
- ✓ Supports SVGA, VGA, and Multisync Monitors
- ✓ No Software Required
- ✓ One Computer Shared By Two Monitor, Mouse, and Keyboard Sets
- ✓ Automatic or Manual Console Selection
- ✓ Screen Save Function
- ✓ Private Mode For A Privileged User
- ✓ Supports PS/2 Mouse



Installation

1. Turn the computer, all monitors, and the 39121 Off.
2. Connect the CPU Keyboard Port at the back of the 39121 to the computer keyboard port with a DIN-5 male-to-male cable.
3. Connect the CPU Mouse Port at the back of the 39121 to the computer mouse port with a DB-9 male-to-female cable.
4. Connect the CPU Monitor Port at the back of the 39121 to the computer VGA port with a DB-15 male-to-male cable.
5. Connect the first Keyboard, Mouse, and Monitor console to the Console 1 ports on the 39121's rear panel.
6. Connect the second Keyboard, Mouse, and Monitor console to the Console 2 ports on the 39121's rear panel.
7. Set the DIP Switch switches according to your requirements. See the DIP Switch Setting section (below), for details.
8. Plug the Power Adapter that came with the 39121 into an AC source; plug the power adapter cable into the Power Jack on the 39121's rear panel.
9. The 39121 will be ready for operation one minute after the DOS prompt appears on the monitor.

Note: Before turning on the computer, be sure the first port has a keyboard connected to it; otherwise, the error message:
Keyboard error Press <F1> to RESUME
appears. If this happens, connect a keyboard to the KB1 port on the 39121's rear panel; then press function key [F1] to continue.

DIP Switch Setting The meanings of the DIP Switch Settings are made clear in the section on Operation, below.

DIP Switch Number				Function
1	2	3	4	
ON	ON	X	X	5 Second Timeout
OFF	ON	X	X	15 Second Timeout
ON	OFF	X	X	45 Second Timeout
OFF	OFF	X	X	90 Second Timeout
X	X	ON	X	Private Mode Enabled
X	X	OFF	X	Private Mode Disabled
X	X	X	ON	Screen Save Enabled
X	X	X	OFF	Screen Save Disabled

Preventing Radio & TV Interference

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

Limited Warranty

IN NO EVENT SHALL THE DIRECT VENDOR S LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCT FORM 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 inquiries please contact your direct vendor.



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Operation

Private Mode

For security reasons, ONLY **CONSOLE 1** has the privilege to access the computer and disables CONSOLE 2. From seeing his operations. To do so, the DIP switch number 3 must be set to ON before the 39121 is turned on. This user may access the computer in the Private mode by pressing the **right `SHIFT`** six times. The Private mode continues till:

- the first user presses the **right `SHIFT`** key six times, or
- any user presses the **MANUAL** button.

Screen Save Function

To protect the screen phosphors, when the 39121 is in Auto Mode and no one is accessing the computer, a "stripe" image can scroll down the screen. To enable this function, set DIP Switch 4 to the On position before turning on the 39121.

Specifications

Function	39121
Number of Users	2
Shared Functions	Keyboard, Monitor, Mouse
LEDs	2 Console Selected
	1 Manual Status
Function Keys	Automatic / Manual Selection
Timeout Setting	5 - 90 Seconds
Keyboard Connectors	3 Mini DIN-6 Female (Input/Output)
Serial Mouse Connectors	1 DB-9 Female (Input)
	2 DB-9 Male (Output)
PS/2 Mouse Connectors	3 Mini DIN-6 Female (Input/Output)
VGA Connectors	3 High Density DB-15 (Input/Output)
Enclosure	Metal & Plastic
Weight	2650g
Dimensions (L x W x H)	254 x 180 x 82 (mm)

Operation

Auto Mode

Auto Mode operates according to the following rules:

- When the 39121 is turned on it comes up in Auto Mode, and operates on a first-come-first-served basis. Both Console LEDs are On; the Manual LED is Off.
- The first user to strike his keyboard has access to the computer. As soon as this occurs:
 - The 39121, locks on to his console; during the time that he is locked on, the other user can not access the computer;
 - The Console LED that corresponds to his console turns On;
 - The Console LED for the other console turns Off.
- If the user who has access does not strike his keyboard or move his mouse before the *Timeout Period* (set with DIP Switches 1 and 2), elapses:
 - The 39121 unlocks from his console;
 - The 39121 switches to Auto Mode;
 - Both Console LEDs turn On (indicating that either console may access the computer);
 - The Manual LED is Off
- A user may terminate his access by either hitting the **Left Shift Key** six times to switch the 39121 back to Auto Mode, or by pressing the **Manual Button** to select the other console.

Manual Mode

Manual Mode is used to access the computer for a long period of time. It is invoked by repeated pressing of the Manual Button until the Console LED for the desired console turns On.

Note: Pressing the Manual Button causes the 39121 to cycle to the next choice:

Auto Mode --> Console 1 --> Console 2 --> Auto Mode

When Manual Mode is invoked, the 39121 locks onto the selected console and prohibits the other console from accessing the computer. The lock-on remains in effect until the Manual Button is pressed again.