

OPERATION

Auto Mode

When the CS-601A is turned on, it operates on the first-come-first-served basis and all **LEDs** light up except for the **MANUAL LED**. Whichever user strikes his keyboard first has the right to access the computer. The CS-601A, then, locks on to the channel, keeps his **LED** on and turns all other **LEDs** off. In the meantime, all other users can not access the computer.

If the user has not struck his keyboard nor moved his mouse before the pre-set timeout elapses; the CS-601A, after timeout elapses, returns to the Auto Mode and turns all **LEDs** on but the **MANUAL LED**.

The user may hit the **left 'SHIFT'** key six times to terminate his access and the CS-601A returns back to **Auto Mode**. Or, press the **MANUAL** button to select a different channel.

Manual Mode

If a user wants to access the computer for a long time, he may press the **MANUAL** button several times till his channel **LED** lights up. This manual selection locks the CS-601A to his channel and prohibits any other from accessing the computer till:

- a. the user hits the **left 'SHIFT'** key six times.
- b. any user presses the **MANUAL** button.

When the **MANUAL** button is pressed several times, the CS-601A cycles through

Auto Mode → Channel 1 → Channel 2 → Channel 3 → Channel 4 → Channel 5 → Channel 6 → Auto Mode ...

OPERATION

Private Mode

For security reasons, **ONLY** the first user has the privilege to access the computer and disables other users from seeing his operations on their screens. To do so, the DIP switch number 3 must be set to **ON** before the CS-601A is turned on. The first user may access the computer in the Private mode by pressing the **right 'SHIFT'** key six times.

The Private mode continues till:

- a. the first user presses the **right 'SHIFT'** key six times.
- b. any user presses the **MANUAL** button.

Screen Save Function

To protect the screen phosphor in Auto mode while no one is accessing the computer, the CS-601A scrolls a stripe of screen image. To enable this function, set the DIP switch number 4 **ON**.

CONSOLE SHARING DEVICE

CS-601A

USER'S MANUAL

Packing Checklist

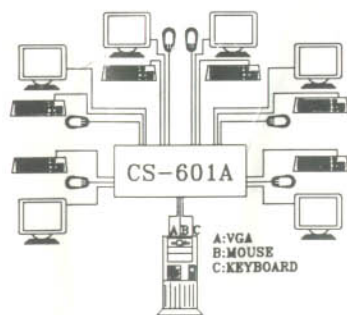
- CS-601A Product x 1
- Adapter AC 9V 500mA (min) x 1
- User's Manual x 1
- Mouse Port Extend Cable x 1
- VGA Extend Cable x 1
- Keyboard Extend cable x 1

INTRODUCTION

The CS-601A is a powerful micro-processor controlled PC sharing device enabling up to six users to use a computer. With up to six sets of keyboards, mice and monitors, this multi-user-single-task 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 keyboard.
- Supports SVGA, VGA, and multi-sync monitors.
- No software required.
- One computer shared by six sets of monitors, mice, and keyboards.
- Automatic or manual channel selection.
- Provides screen save function.
- Private mode for a privileged user.



INSTALLATION

- Turn off the computer, all monitors, and the CS-601A.
- Connect the PC KB port at the back of the CS-601A to a computer keyboard port by the DIN-5 male-to-male cable come with the CS-601A.
- Connect the PC M port at the back of the CS-601A to a computer mouse port by a DB-9 male-to-female cable come with the CS-601A.
- Connect the PC VGA port at the back of the CS-601A to a computer VGA port by the DB-15 male-to-male cable come with the CS-601A.
- Connect the first set of keyboard, mouse, and monitor to the back of the CS-601A marked KB 1, M 1, and VGA 1 respectively.
- Connect the remaining sets of keyboards, mice, and monitors to the CS-601A starting from the port number 2 and up.
- Setup DIP switches according to desired operation. Check the DIP Switch for detail.
- Connect the power adapter to CS-601A and turn it on, then turn on all monitors and the computer.
- The CS-601A will be ready for operation one minute after you see the DOS prompt on a monitor.
- To add more consoles, turn off the computer and repeat from the step 'f'.

Note

Before turning on the computer, be sure the first port has a keyboard connected to it; otherwise, an error message:

```
Keyboard error
Press <F1> to RESUME
```

shows up. If so, connect a keyboard to KB 1 at the back of the CS-601A, press the function key F1, and resume operations.

SPECIFICATION

FUNCTION	SPECIFICATION
Power consumption	AC 9V, 430mA (Max)
Sharing user number	Six
Shared function	Monitor, mouse, and keyboard
LED	Six channel LEDs one manual status
Function key	Automatic/manual selection
Timeout setting	5 ~ 90 seconds.
Keyboard connector	Seven female DIN-5 (input & output)
Mouse connector	One female DB-9 (input) Six male DB-9 (output)
VGA connector	Seven high-density DB-15 (input & output)
Enclosure	Metal
Weight	2650 (g)
Dimensions(LxWxH)	254 x 180 x 82 (mm)

DIP Switch Setting

DIP switches select timeout, Private mode, and screen save functions. These switches must be set up properly before turning the CS-601A on.

DIP Switch				Function
1	2	3	4	
ON	ON	x	x	5 seconds timeout
OFF	ON	x	x	15 seconds timeout
ON	OFF	x	x	45 seconds timeout
OFF	OFF	x	x	90 seconds 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