1U Cabinet Command Console

Table of Contents

Introduction

The 1UCABCONS and 1UCABCONS17 consoles offer the ultimate in computer management. With a keyboard, mouse, TFT LCD panel housed in an industry standard 19" 1U-height rack drawer, they saves you up to 1/3 of valuable server rack cabinet space. Better yet, when the consoles are cascaded with other console KVM switches to increase server management capacity, you save even more.

Console
It saves you up to 1/3 of valuable rack cabinet spaces and acts as a space-saving console with keyboard, mouse and monitor. It can be connected to a computer directly or to the console ports of a KVM switch.
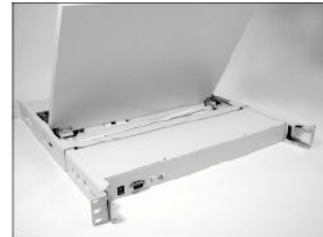

Console with One-Console KVM Module
This powerful combination allows you to access multiple computers from **one** keyboard, mouse and monitor on the integrated drawer. Operation is as simple as pressing push buttons, entering hot-key commands and navigating through the user-friendly OSD (on-screen display) menu. You can connect StarTech.com's CAB831D, CAB1631D, CAB831HD, or CAB1631HD KVM switches.

Console with Two-Console KVM Module
The 1UCABCONS/1UCABCONS17 combined with an advanced multi-access KVM Switch enables you to control multiple computers from one out of **two** different locations, **Local** as the console or **Remote** as another set of keyboard, mouse and monitor. The CAB832DS controls 8 computers.
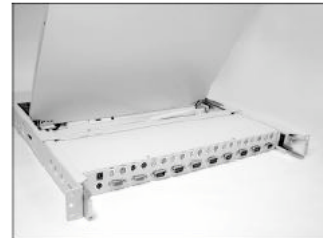
Overview

The 1UCABCONS and 1UCABCONS17 console are 19" 1U drawer designed for applications where space is at a premium. The console, consisting of a display, keyboard, and touch pad, fits into just 1U of space. The 1UCABCONS17 features a 17" flat panel Active Matrix TFT display with resolution of 1280 x 1024. The 1UCABCONS features a 15" TFT display with resolution of 1024 x 768. The drawer can be pulled out for operation from the rack on slides that latch in the extended position. When not in use, the display can be folded down, locked, and secured while pushed in. With different *Rear bracket & extension kit*, the console can be mounted on rack cabinet of various depths. The console comes with standard PS/2 keyboard connector, PS/2 mouse connector and HDB15 VGA connector for computer or KVM switch connection.

Features

1UCABCONS17: Flip-open 17" Active Matrix TFT LCD panel included with a resolution of 1280 x 1024

1UCABCONS: Flip-open 15" TFT LCD panel included with a resolution of 1024 x 768

Modular design

Optional KVM switch available

For rack cabinet with depth from 20" (50cm) and up (with appropriate *Rear bracket & extension kit*)

Standard 19" 1U rack drawer

Ergonomic hand rest design

Locking mechanism locks the drawer when pulled out, pushed in or folded down

Full 105 key, low-profile, sturdy keyboard built-in

Standard connectors for PC connection

Quick and easy installation

Packing List
The following are required to install the console:

1UCABCONS or 1UCABCONS17 Console: assembled
"LCD panel + keyboard + mouse pad" drawer

Rear bracket & extension kit: This kit contains two pieces of rear brackets and two pieces of aluminum extensions. Make sure you have the correct kit to fit the depth of your cabinet.

Note: the following length is measured between "front pole and rear pole *inside* a rack cabinet" not the *outside* depth of a rack.

Front Pole to Rear Pole Distance

|	Cm	inch	cm	inch
Minimum	67.5	26 5/8	57.5	22 5/8
Maximum	80.5	31 5/8	70.5	27 3/4

Assembly

1. Choose a proper position for the rack drawer. Mount the rear brackets (from the *Rear bracket & extension kit*), and lightly fasten them onto the rear vertical poles. Both will be removed later.

2. Remove the *stopper* from the assembled drawer. The *safety stopper* is designed to stop the drawer from sliding out during transportation.

Warning
After the *safety stopper* is carefully removed, the drawer may slide out when tilted and could cause serious injury.
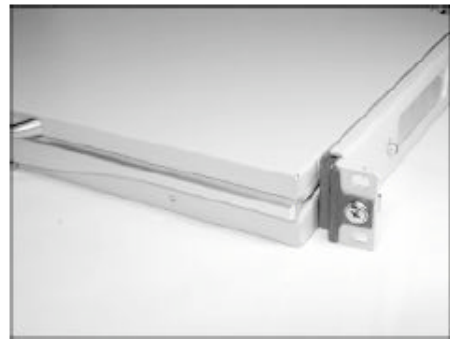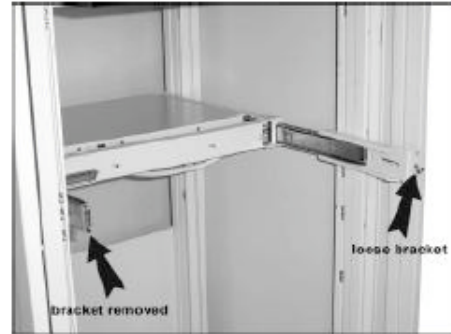
3. Slide the assembled drawer into the rack cabinet from the front and insert the two slide rails of the assembled drawer into the pockets of the rear brackets.
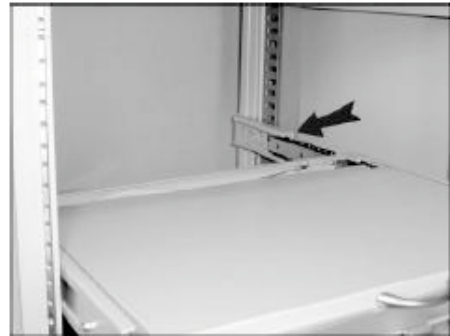
4. Fasten the assembled drawer onto the front brackets using the four screws provided.
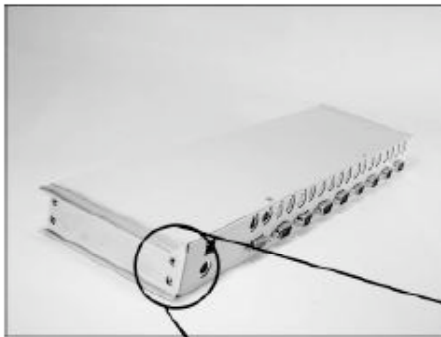
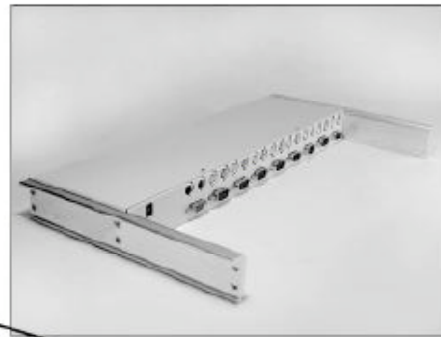**5.** Remove both of the rear brackets. The front brackets now hold the assembled drawer.

6. Attach the aluminum extensions (from the *Rear bracket & extension kit*) to both sides of the KVM module box. Please note the length of the aluminum extensions and mount them in one of the following ways.

Short aluminum extensions attachment

Long aluminum extensions attachment

wider side of the aluminum extension on top

7. The rear brackets, aluminum extensions and slide rails have tight fit. Make sure you follow these steps for easy installation. **A.** Slide the rear brackets onto the aluminum extensions. **B.** Insert both sliding rails of the assembled drawer into the tight space formed by the rear brackets and the aluminum extensions. The KVM module should be pushed in *evenly* on both right and left sides.
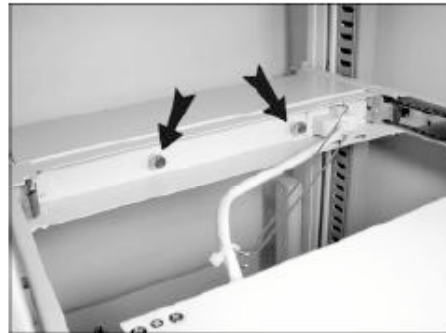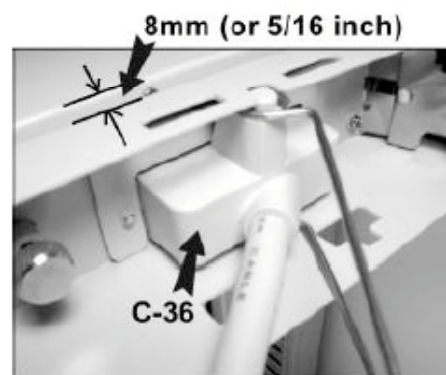

A

B

8. Push the rear brackets all the way in and fasten them.

9. Slide the assembled drawer out. Push the KVM module box *evenly* toward the drawer, and then lock both units by the screws.

10. Make sure the C-36 connectors are firmly connected during step 10.

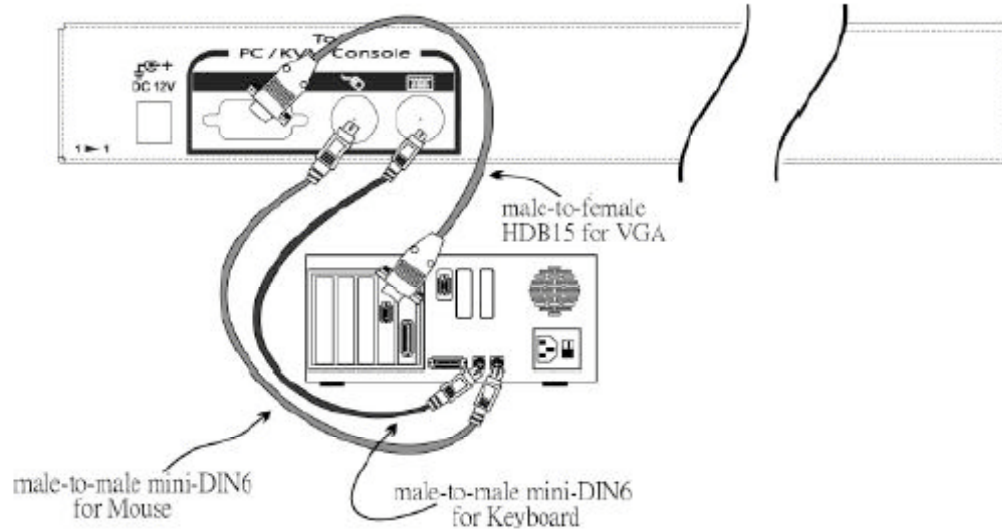**11.** Connect the power supply to the power jack on the KVM module to complete the installation.
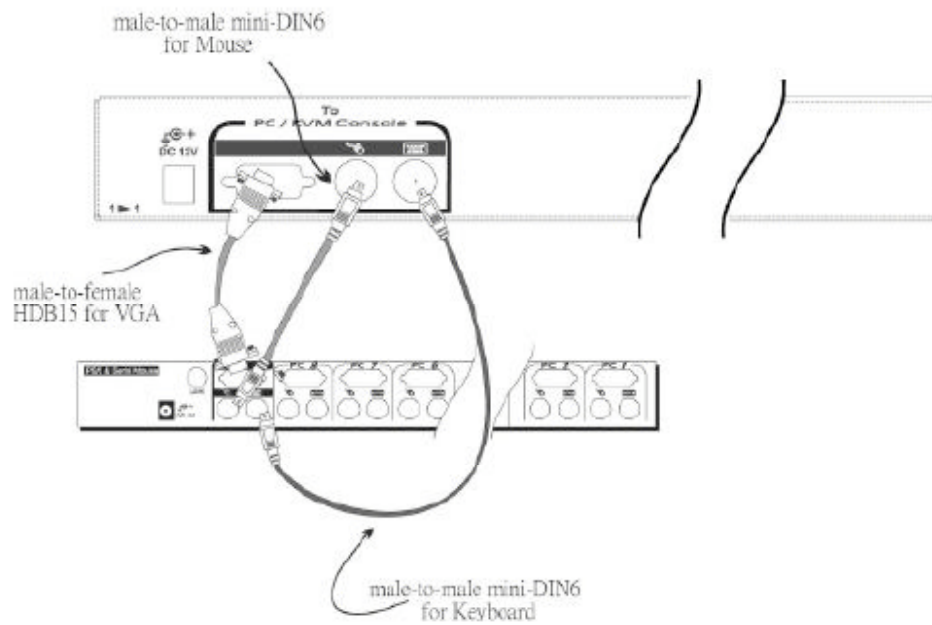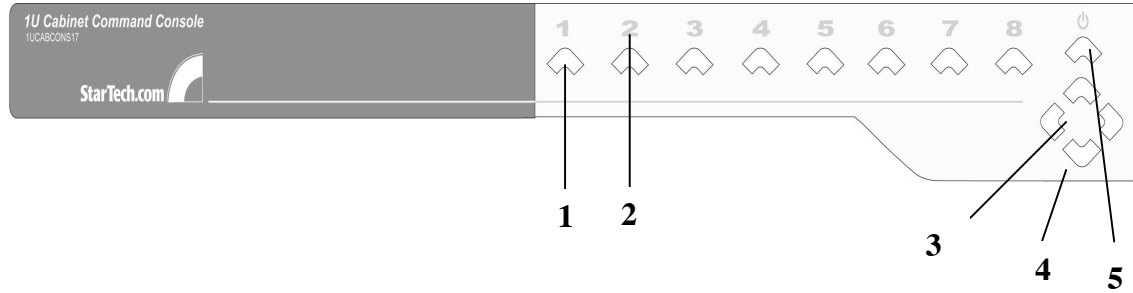
Installation

Consider the console as a set of keyboard, mouse and monitor, and connect it directly to a computer with the 1 to 1 KVM module.

Or, the console with the 1 to 1 KVM module can be connected to a KVM switch as shown below.

Front Panel

KVM Control and Status:
 (*This section is effective only when a KVM switch module is connected.*)

1. ***Computer Selection Pad***
    Press one of these pushbuttons to select a computer.

2. ***Selected Computer Indicator***
    One of the indicators turns red when a corresponding computer is selected by pushbuttons, hotkey or OSD menu.

LCD Panel Control

3. ***LCD Panel Menu***
    These buttons invoke the OSD menu for the LCD panel and acts as menu selection.

4. ***LCD Panel Adjustment***
    Lets you adjust settings for the LCD panel.

LCD Panel Power Switch

5. ***LCD Panel Power Switch***

Specifications

	1UCABCONS	**1UCABCONS17**
LCD Size	15.1 TFT	17 inches TFT
Resolution	1024 x 768 @60/70/75Hz	1280 x 1024 @60/70/75Hz
Display Color	16.7M (8 bits)	16.7M (8 bits)
User Control	OSD control (auto saving)	OSD control (auto saving)
Input Signal	RGB analog, H/V separate	RGB analog, H/V separate
Plug and Play VESA	VESA DDC 1/2B	VESA DDC 1/2B
Keyboard	105 Key, PS/2	105 Key, PS/2
Mouse Touch Pad	PS/2	PS/2
Power Management	VESA DPMS compliant	VESA DPMS compliant
	ON mode = 23.2W	ON mode = 23.2W
	STANDBY mode <= 1W	STANDBY mode <= 1W
	SUSPEND mode <= 1W	SUSPEND mode <= 1W
	OFF mode <= 1W	OFF mode <= 1W

Technical Support

The following technical resources are available for this StarTech.com product:
On-line help:
We are constantly adding new information to the *Tech Support* section of our web site. To access this page, click the *Tech Support* link on our homepage, **www.startech.com**. In the tech support section there are a number of options that can provide assistance with this product.
Knowledge Base - This tool allows you to search for answers to common issues using key words that describe the product and your issue.
FAQ - This tool provides quick answers to the top questions asked by our customers.
Downloads - This selection takes you to our driver download page where you can find the latest drivers for this product.

Call StarTech.com tech support for help:
    USA/Canada: 1-519-455-4931
    UK/Ireland/Europe: 00-800-7827-8324
Support hours: Monday to Friday 9:00AM to 5:00PM EST (except holidays)

Warranty Information

This product is backed by a one-year warranty. In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

Limitation of Liability
In no event shall the liability to StarTech.com Ltd. (or its officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of related to the use of the product exceed the actual price paid for the product.
Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.