

CS1762A / CS1764A 2/4-Port USB DVI/Audio KVMP™ Switch Quick Start Guide

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CS1762A/CS1764A USB DVI KVMP™ Switch User Instructions

Requirements

Console

- A DVI compatible monitor capable of the highest possible resolution
- A USB style mouse
- A USB style keyboard
- Microphone and speakers (optional)

Computers

The following equipment must be available on each computer:

- A DVI port
- Note: The quality of the display is affected by the quality of the DVI display card. For best results, we recommend you purchase a high quality product.

- Type A USB port
- Audio ports (optional)

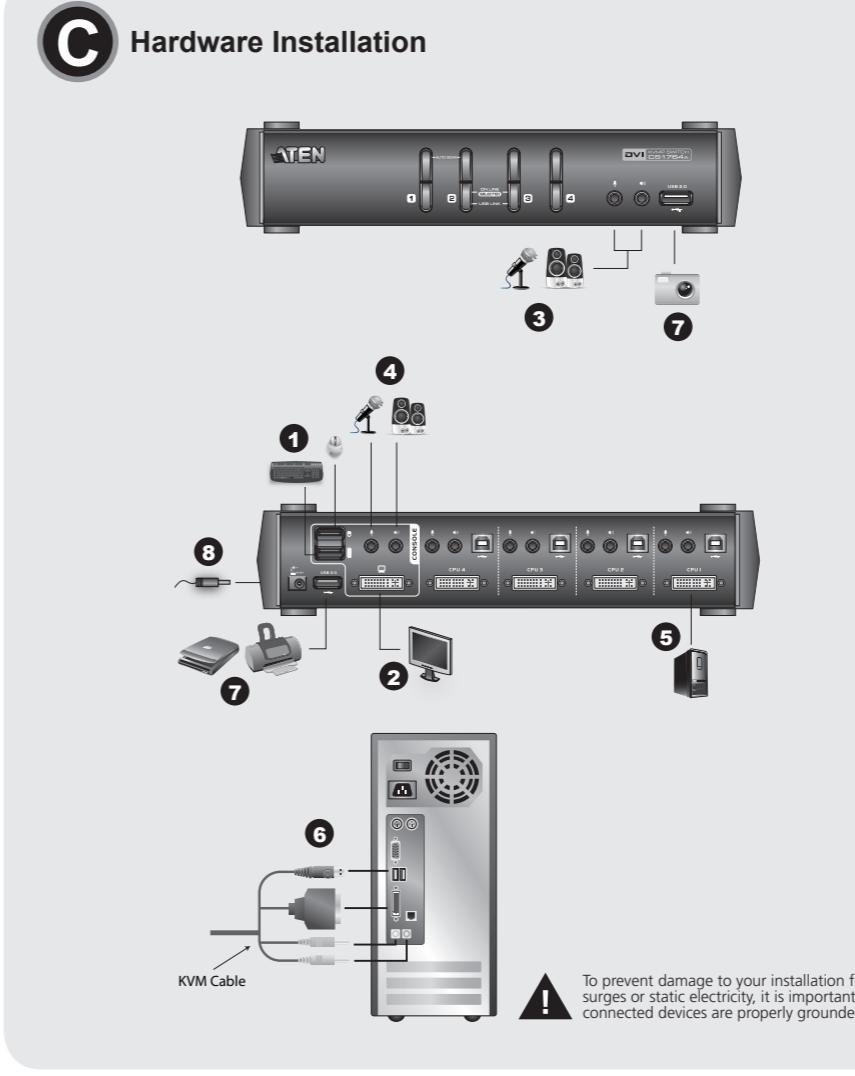
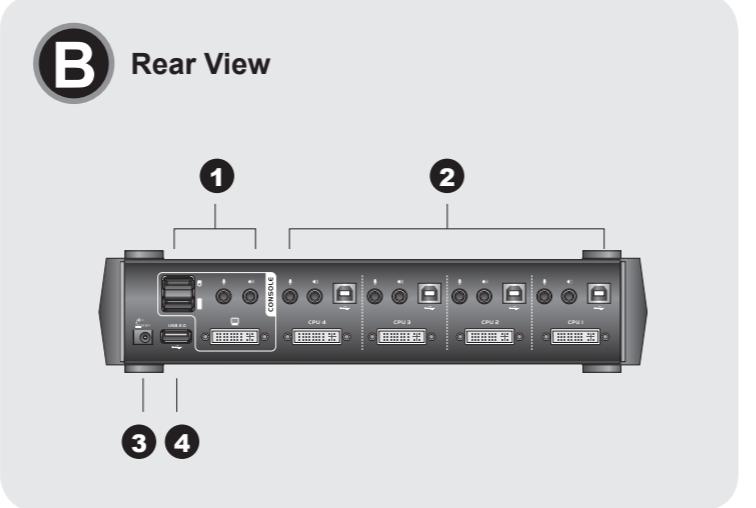
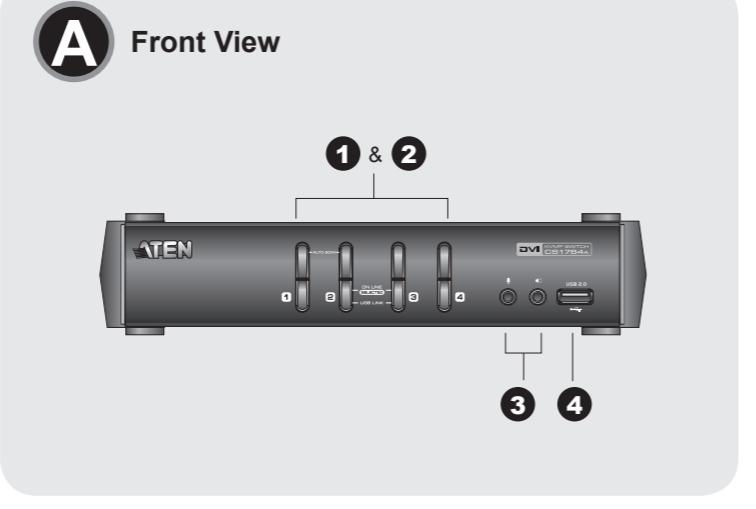
Cables

Only 1.8m DVI-D KVM cable sets, which are specifically designed to work with this switch, may be used to link to the computers. Two (CS1762A) or four (CS1764A) cable sets are provided with this package.

Note: The quality of the display is affected by the quality and length of the cables. If you need additional cable sets, please contact your dealer to purchase the appropriate ones for your system.

Hardware Review

Front View ①



Package Contents:
1 CS1762A / CS1764A USB DVI KVMP™ Switch
2 Custom KVM Cables sets (DVI-D) (CS1762A)
4 Custom USB Cable Sets (DVI-D) (CS1764A)
1 Power Adapter
1 User Instructions

Support and Documentation Notice

All information, documentation, software utilities, and specifications contained in this package are subject to change without prior notification by the manufacturer. To reduce the environmental impact of our products, ATEN documentation and software can be found online at <http://www.aten.com/download/>

Technical Support

www.aten.com/support

Scan for more information



Hardware Installation

Hardware Installation ②

- Plug your USB keyboard and USB mouse into the USB console ports located on the unit's rear panel.
- Plug your monitor into the DVI console port located in the unit's rear panel and power on the monitor.
- Plug your main microphone and speakers into the console microphone and speaker jacks located on the unit's front panel. The microphone and speakers plugged into this panel have priority over those in the rear panel.
- Plug your secondary microphone and speakers into the console audio ports located on the unit's rear panel.
- Using a KVM cable set (provided with this package), plug the DVI connector into any available DVI socket in the KVM port section of the switch, then plug the accompanying USB, microphone and speaker cables into the corresponding KVM, USB, microphone, and speaker sockets.
- Note: Verify that all the plugs are in the same KVM Port sockets (all in Port 1, all in Port 2, etc.), and that each socket is marked with an appropriate icon to indicate its function.
- At the other end of the cable, plug the USB, video, microphone, and speaker cables into their respective ports on the computer.
- Plug your USB peripherals into the type A sockets in the USB hub section.
- Plug the power adapter that came with your switch into an AC power source, then plug power adapter cable into the switch's Power Jack.
- Turn on the power to the computers.

Operation

Port Switching

Cycling Through the Ports

Hotkey	Action
[Scroll Lock] [Scroll Lock] [Enter]	Brings the KVM, USB hub, and audio focus from the port that currently has the KVM focus to the next port on the installation (1 to 2; 2 to 1 for the CS1762A; 1 to 2; 2 to 3; 3 to 4; 4 to 1 for the CS1764A) Note: The KVM, USB hub, and audio focus all go to that port even if they were on different ports to begin with.
[Scroll Lock] [Scroll Lock] [K] [Enter]	Brings only the KVM focus from the port that currently has it to the next port on the installation. The KVM and audio focus remain where they are.
[Scroll Lock] [Scroll Lock] [K] [U] [Enter]	Brings only the USB hub focus from the port that currently has it to the next port on the installation. The USB and audio focus remain where they are.
[Scroll Lock] [Scroll Lock] [K] [S] [Enter]	Brings the KVM and USB hub focus to the computer attached to the specified port. The KVM and audio focus remain where it is.
[Scroll Lock] [Scroll Lock] [K] [U] [S] [Enter]	Brings the USB hub and audio focus to the computer attached to the specified port. The KVM focus remains where it is.

Going Directly to a Port

Hotkey	Action
[Scroll Lock] [Scroll Lock] [Enter]	Brings the KVM, USB, and audio focus to the computer attached to the port corresponding to the specified Port ID. Note that the KVM, USB, and audio focus all go to this port even if they were on different ports to begin with.
[Scroll Lock] [Scroll Lock] [K] [Enter]	Brings only the KVM focus to the computer attached to the specified port. The KVM and audio focus remain where they are.
[Scroll Lock] [Scroll Lock] [K] [U] [Enter]	Brings only the audio focus to the computer attached to the specified port. The KVM and USB hub focus remain where they are.
[Scroll Lock] [Scroll Lock] [K] [U] [S] [Enter]	Brings only the USB hub focus to the computer attached to the specified port. The KVM and audio focus remain where they are.
[Scroll Lock] [Scroll Lock] [K] [U] [S] [Enter]	Brings the KVM and USB hub focus to the computer attached to the specified port. The audio focus remains where it is.
[Scroll Lock] [Scroll Lock] [K] [U] [S] [Enter]	Brings the USB hub and audio focus to the computer attached to the specified port. The KVM focus remains where it is.

Auto Scanning

Hotkey	Action
[Scroll Lock] [Scroll Lock] [A] [Enter]	Invokes Auto Scan. The KVM focus cycles from port to port at 5 second intervals. Five second intervals is the Default setting.
[Scroll Lock] [Scroll Lock] [A] [n] [Enter]	The KVM focus cycles from port to port at n second intervals.

Hotkey Setting Mode

Invoking HSM

To invoke HSM do the following:

1. Press and hold the Num Lock key

2. Press and release the minus key

3. Release the Num Lock key

Manual Switching

For manual port selection:

- Press a port selection pushbutton once to bring the KVM, audio and USB focus to the computer attached to its corresponding port.

- Press a port selection pushbutton twice to bring the audio focus to its corresponding port.

- Press and hold a port selection pushbutton for more than 2 seconds to bring only the KVM focus to the computer attached to its corresponding port.

- Press and hold port selection pushbuttons 1 and 2 simultaneously for 2 seconds to start Auto Scan Mode.

HSM Summary Table

Key	Function
[H]	Toggles between the default and alternate HSM invocation keys.
[T]	Toggles between the default and alternate Port Switching keys.
[F2]	Enables Mac keyboard emulation.
[F3]	Enables Sun keyboard emulation.
[F10]	Auto detects keyboard operating platform.
[F4]	Lists the current switch settings via the paste function of a text editor.
[F5]	Performs a reset on all USB devices.
[F6] [nn] [Enter]	Sets the keyboard language. Note: nn is a two-digit number that represents one of the following keyboard language code: US English: 33; French: 08; Japanese: 15.
[B]	Enables/Disables the buzzer.
[X] [Enter]	Enables/Disables the Port Switching keys.
[R] [Enter]	Resets the hotkey settings to their default status.
[u][p][g][r][d][e] [Enter]	Invokes Firmware Upgrade Mode.
[D]	Invokes Video DynaSync, ATEN's exclusive technology that eliminates boot-up display problems and optimizes resolution when switching between ports.
[S]	Toggles between the default and alternative pushbutton operation settings.
[M]	Enables/Disables mouse emulation.
[W]	Enables/Disables mouse port-switching.
[F1]	Sets the Keyboard and mouse to SPC mode so that it can work under special operating systems as a standard (104 key) keyboard and mouse.

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manuel d'utilisation du commutateur USB DVI KVMP™ CS1762A/CS1764A

Configuration minimale

Console

Un écran compatible DVI permettant la résolution la plus élevée possible

• Une souris USB

• Un clavier USB

• Microphone et haut-parleurs (en option)

Ordinateurs

Tous les composants suivants doivent être installés sur chaque ordinateur :

• Un port DVI

Remarque: La qualité de l'affichage est influencée par la qualité de la carte d'affichage DVI. Pour de meilleurs résultats, il est conseillé d'acheter un produit de haute qualité.

• Port de type A

• Ports audio (facultatifs)

Câbles

Jeux de câbles DVI-D KVMP™ de 1.8 m uniquement : ils sont spécialement conçus pour fonctionner avec ce commutateur et peuvent être utilisés pour connecter les deux ordinateurs.

• Pour le CS1762A ou quatre (pour le CS1764A) jeux de câbles sont livrés avec la présente.

Remarque: La qualité de l'affichage est influencée par la qualité et la longueur des câbles. Si vous avez besoin de jeux de câbles supplémentaires, veuillez contacter votre revendeur afin d'acquérir les jeux de câbles adaptés à votre commutateur.

Description de l'appareil

Vue avant ①

Installation du matériel ②

- Branchez les câbles de votre clavier USB et de votre souris USB sur les ports de console USB situés à l'arrière de l'appareil.
- Branchez votre moniteur sur le port de console DVI situé à l'arrière de l'appareil, puis allumez-le.
- Branchez le microphone et les haut-parleurs principaux sur les entrées micro et haut-parleurs situées à l'avant de l'appareil. Le microphone et les haut-parleurs branchés à l'avant de l'appareil doivent être ceux dont les câbles sont branchés à l'arrière.
- Branchez le microphone et les haut-parleurs secondaires sur les ports de console audio situés à l'arrière de l'appareil.
- À l'aide d'un jeu de câbles KVM (fourni), branchez le connecteur DVI situé sur une prise DVI disponible dans la section des ports KVM du commutateur, puis branchez les connecteurs USB, micro et haut-parleur dans les prises USB, micro et haut-parleurs correspondantes.
- Remarque : Vérifiez que tous les connecteurs se trouvent dans les prises du même port KVM (à savoir si le port 1 est le port 1, le port 2, etc.) et que les marques figurant sur les prises correspondent aux branchements.
- A l'autre extrémité du câble, branchez les câbles USB, vidéo, microphone et haut-parleurs dans les prises correspondantes de l'ordinateur.
- Branchez vos périphériques USB dans les prises de type A de la section concentrateur USB.
- Branchez l'adaptateur secteur fourni dans une prise de courant, puis le câble de l'adaptateur secteur dans la prise d'alimentation du commutateur.
- Allez sur les ordinateurs.

Utilisation

Communication des ports

Passage d'un port à l'autre

Raccourcis clavier	Action
[Arrêt défaut] [Arrêt défaut] [Entrée]	Transfère les contrôles KVM, USB et audio sur l'ordinateur connecté au port correspondant à l'ID de port spécifié. Notez que les contrôles KVM, USB et audio sont transférés à ce port même s'ils étaient précédemment sur d'autres ports.
[Arrêt défaut] [Arrêt défaut] [K] [Enter]	Transfère uniquement le contrôle KVM sur l'ordinateur connecté au port spécifié. Les contrôles USB et audio ne changent pas de port.
[Arrêt défaut] [Arrêt défaut] [K] [U] [Enter]	Transfère uniquement le contrôle USB sur l'ordinateur connecté au port spécifié. Les contrôles KVM et USB ne changent pas de port.
[Arrêt défaut] [Arrêt défaut] [K] [U] [S] [Enter]	Transfère uniquement le contrôle audio sur l'ordinateur connecté au port spécifié. Le contrôle KVM et audio ne change pas de port.
[Arrêt défaut] [Arrêt défaut] [K] [U] [S] [Enter]	Transfère les contrôles USB et audio sur l'ordinateur connecté au port spécifié. Le contrôle KVM ne change pas de port.

Communication automatique

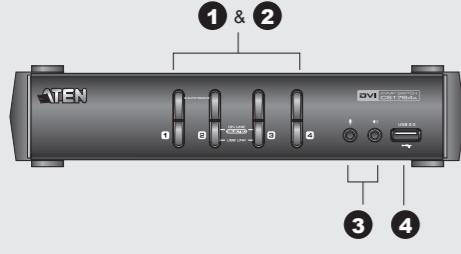
Communication automatique

Raccourcis clavier

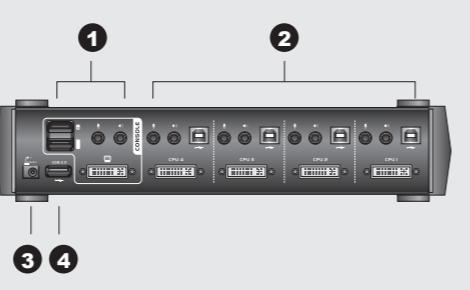
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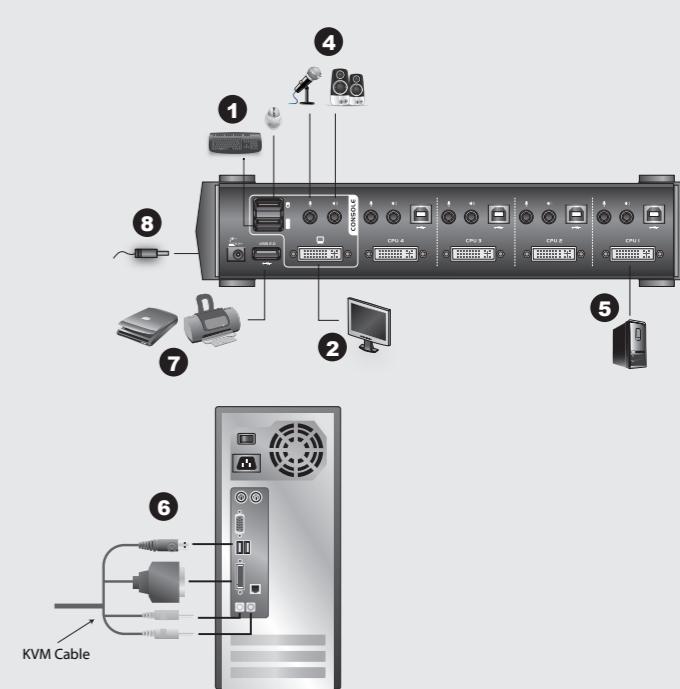
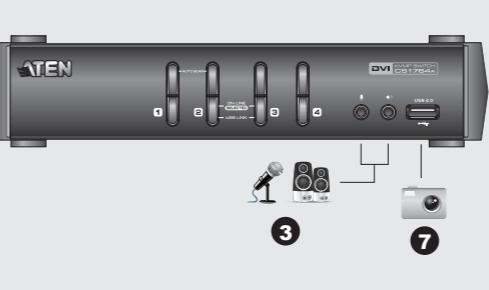
A Front View



B Rear View



C Hardware Installation



CS1762A/CS1764A USB DVI KVMP™ Switch – guida per l'utente

Requisiti

- Un monitor compatibile DVI con la più alta risoluzione possibile
- Un mouse USB
- Una tastiera USB
- Microfono ed altoparlanti (opzionale)

Computer

In questo caso deve essere installato il seguente equipaggiamento:

• Una porta DVI.

Note: La qualità della visualizzazione viene influenzata dalla qualità della scheda video DVI. Per ottenere il risultato migliore, si consiglia di acquistare prodotti di alta qualità.

• Porta USB 2.0

• Porte audio (opzionale)

Cavi

Per collegare i computer, possono essere utilizzati solo cavi KVM DVI-D da 1,8 m, progettati specificamente per questi switch. Alla confezione sono accesi due (CS1762A) o quattro (CS1764A) cavi.

Note: La qualità della visualizzazione viene influenzata dalla qualità e dalla lunghezza dei cavi. Nel caso in cui fossero necessari ulteriori cavi, contattare il proprio rivenditore per acquistare quelli più appropriati allo switch.

Hardware

Visione anteriore

- 1. Pulsanti di selezione della porta
- 2. Indicatore della porta
- 3. Porta USB della tastiera
- 4. Porta audio
- 5. Hub USB 2.0

Visione posteriore

- 1. Sezione della porta di collegamento alla console
- 2. Sezione della porta KVM
- 3. Presa d'alimentazione
- 4. Hub USB 2.0

Installazione dell'hardware

- 1. Collegare la tastiera ed il mouse USB alle porte USB per la console poste sul pannello posteriore del dispositivo.

CS1762A/CS1764A USB対応DVI KVMP™スイッチ ユーザーガイド

システム要件

- 最も高い解像度の画面を表示できるDVIモニター
- USBマウス
- USBキーボード
- マイク、スピーカー(オプション)

コンピュータ

製品に接続するコンピューターには以下のハードウェア環境が必要です。

• DVIポート

注意: 製品はDVIディスプレイカードの品質に影響されますので、最適な状態で表示するため、最も高いディスプレイカードをご用意ください。

• USBタイプAポート

• オーディオポート(オプション)

ケーブル

本製品はコンピューターとの接続に、専用のDVI-D KVMPケーブル(1.8m)を使用します。

2台(CS1762A)または4台(CS1764A)のKVMPケーブルが製品に同梱されています。

注意: 本製品は、使用するケーブルの品質と長さに影響されます。追加でこの専用ケーブルが必要な場合は、販売店までお問い合わせください。

製品外観

フロントパネル

- 1. ポート選択ボタン
- 2. ポートLEDランプ
- 3. USBコントロールポート
- 4. オーディオポート
- 5. USB 2.0 ハブ

リアパネル

- 1. コンソールポート
- 2. KVMポート
- 3. 電源ジャック
- 4. USB 2.0 ハブ

CS1762A/CS1764A USB DVI KVMP™スイッチ ユーザーガイド

セットアップ方法

セッティング

1. USBポートとUSBマウス、製品リバッパルのUSBコントロールポートに接続してください。
2. モニターやスピーカーを製品リバッパルのDVIコントロールポートに接続し、このモニターに電源を入れてください。
3. メインで使用するマイクおよびスピーカーをそれぞれ製品フロントパネルのマイク、スピーカーの各ジャック端子に接続する場合、マイクのジャック端子をマイク端子に接続している場合、スピーカーのジャック端子がスピーカー端子に接続する場合、スピーカーのジャック端子をスピーカー端子に接続してください。
4. サブとなるマイクおよびスピーカーを製品リバッパルのオーバーハンドコントロールポートに接続してください。
5. パソコンに接続されているKVMPカードのDVIコントロールポートを製品のDVIコントロールポートに接続し、同じケーブルに付いているUSB、マイク、スピーカーの各コネクタをそのKVMPカードに接続する。マイク、スピーカーの各コネクタを接続して下さい。(例:DVI、USB、マイク、スピーカーの各コネクタを各ソケットに接続する場合は、それでは接続する各ソケットがマイク、スピーカーの各ソケットになります)。
6. KVMPカードの二つの片方の端子を、製品に接続するコンピューターのDVIモニター、マイク、スピーカーの各ソケットに接続する場合は、USBハブセクションにあるDVIタイプAポートに接続してください。
7. USBハブセクションを使用する場合は、USBハブセクションにあるUSBタイプAポートに接続してください。
8. 同じの電源アダプターを製品に接続し、その電源アダプターを電源に接続してください。
9. 装置に接続しているコンピューターに電源を入れてください。

操作方法

ポート切替

サイクル切替

ホットキー	機能
[Scroll Lock] [Scroll Lock] [Enter]	KVM、USBハブ、オーディオのすべてを同時に指定したポートに切り替えます。
[Scroll Lock] [Scroll Lock] [K] [Enter]	このホットキーを実行すると、KVM、USB、オーディオをそれぞれ選択しているポートを1つずつ順番に切り替えます。USBハブおよびオーディオを選択しているポートのみを切り替えます。
[Scroll Lock] [Scroll Lock] [U] [Enter]	KVMコントロールのみを同時に1つずつ切り替えます。
[Scroll Lock] [Scroll Lock] [K] [U] [Enter]	オーディオのポートを指定したポートに切り替えます。KVMおよびUSB選択は現在のポートのみです。
[Scroll Lock] [Scroll Lock] [U] [K] [Enter]	KVMコントロールおよびUSBを選択したポートに切り替えます。オーディオを選択しているポートのみです。
[Scroll Lock] [Scroll Lock] [K] [U] [K] [Enter]	KVMコントロールおよびUSBを選択したポートに切り替えます。USBハブおよびオーディオを選択したポートに切り替えます。
[Scroll Lock] [Scroll Lock] [U] [K] [U] [Enter]	USBハブおよびオーディオを指定したポートに切り替えます。KVMコントロールは現在のポートのみです。
[Scroll Lock] [Scroll Lock] [U] [K] [U] [K] [Enter]	USBハブおよびオーディオを指定したポートに切り替えます。KVMコントロールは現在のポートのみです。

Andare direttamente ad una porta

Tasti di scelta rapida	Azione
[Bloc Scroll] [Bloc Scroll] [n] [Invio]	Seleziona il KVM, l'USB e l'audio del computer collegato alla porta corrispondente all'ID della porta specificata. Attenzione! Vengono selezionati il KVM e l'audio della porta anche se, al momento, si trovano su porte differenti.
[Bloc Scroll] [Bloc Scroll] [n] [K] [Invio]	Seleziona solo il KVM del computer collegato alla porta specificata. Il hub USB e l'audio selezionati rimangono gli stessi.
[Bloc Scroll] [Bloc Scroll] [n] [S] [Invio]	Seleziona solo il computer collegato alla porta specificata. Il KVM e l'audio selezionati rimangono gli stessi.
[Bloc Scroll] [Bloc Scroll] [n] [K] [S] [Invio]	Seleziona il KVM e l'audio del computer collegato alla porta specificata. L'USB selezionato rimane lo stesso.
[Bloc Scroll] [Bloc Scroll] [n] [U] [Invio]	Seleziona l'hub USB e l'audio del computer collegato alla porta specificata. Il KVM selezionato rimane lo stesso.

Scansione automatica

Tasti di scelta rapida	Azione
[Bloc Scroll] [Bloc Scroll] [A] [Invio]	Ri chiama la modalità Scansione automatica. Il KVM si sposta ciclicamente da una porta all'altra a intervalli di 5 sec. Un intervallo di 5 sec costituisce l'impostazione predefinita.
[Bloc Scroll] [Bloc Scroll] [A] [n] [Invio]	Il KVM si sposta ciclicamente da una porta all'altra a intervalli di n sec.

Modalità d'impostazione dei tasti di scelta rapida

Richiama questa modalità

Per attivare questa modalità, procedere come segue:

1. Premere e tenere premuto il tasto **Bloc Num**.
2. Premere e rilasciare il tasto **'meno'**.
3. Rilasciare il tasto **Bloc Num**.

Comunicazioni manuale

Selezione manuale della porta:

1. Premere e tenere premuta la tastiera della porta una volta per spostare il KVM, l'audio e l'USB su computer connesse alla porta corrispondente.

- Premere il pulsante di selezione della porta due volte per spostare l'audio sul computer connesso alla porta corrispondente.
- Premere e tenere premuto il pulsante di selezione della porta per più di due sec per spostare solo il KVM sul computer connesso alla porta corrispondente.
- Premere e tenere premuti i pulsanti 1 e 2 di selezione della porta contemporaneamente per 2 secondi per attivare la Modalità Scansione automatica.

Tabella di riepilogo dei tasti di scelta rapida

Tasto	Funzione
[H]	Si sposta fra i tasti di attivazione HSM predefinito ed alternativo
[T]	Si sposta fra i tasti di cambiamento della porta predefinito ed alternativo
[F2]	Abilita l'emulazione della tastiera Mac
[F3]	Abilita l'emulazione della tastiera Sun
[F10]	Rileva automaticamente la piattaforma operativa della tastiera
[F4]	Stampa le impostazioni attuali dello switch tramite un programma di elaborazione di testo (editor di testo o word processor)
[F5]	Esegue un riavvio di tutti i dispositivi USB.
[F6] [nn] [Invio]	Riporta la tastiera della tastiera. Nota: nn è un numero a due cifre che rappresenta uno dei seguenti codici per la lingua della tastiera: USA 33; francese 08; giapponese 15.
[B]	Attiva e disattiva il segnale acustico di On/Off
[X] [Invio]	Attiva e disattiva i tasti di cambiamento della porta
[R] [Invio]	Riporta le impostazioni dei tasti di scelta rapida sui valori predefiniti
[U] [p] [q] [r] [s] [d] [e] [Invio]	Richiama la Modalità aggiornamento firmware
[D]	Riporta la Video DynaSync™, l'edusiva tecnologia di ATEN che elimina i problemi di visualizzazione all'avvio e ottimizza la risoluzione quando si passa da una porta all'altra.
[S]	Si sposta fra le impostazioni di funzionamento predefinito e alternativo del pulsante.
[M]	Abilita/Disabilita la funzione di emulazione del mouse
[W]	Attiva/disattiva il cambio della porta del mouse.
[F1]	Per impostare tastiera e mouse per utilizzare la modalità SPC in modo da poter funzionare con sistemi operativi speciali come mouse e tastiera standard (a 104 tasti).

CS1762A/CS1764A USB DVI KVMP™スイッチ ユーザーガイド

システム要件

- 最も高い解像度の画面を表示できるDVIモニター

- USBマウス

- USBキーボード

- マイク、スピーカー(オプション)

コンピュータ

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• DVIポート

注意: 製品はDVIディスプレイカードの品質に影響されますので、最適な状態で表示するため、最も高いディスプレイカードをご用意ください。

• USBタイプAポート

• オーディオポート(オプション)

ケーブル

本製品はコンピューターとの接続に、専用のDVI-D KVMPケーブル(1.8m)を使用します。

2台(CS1762A)または4台(CS1764A)のKVMPケーブルが製品に同梱されています。

注意: 本製品は、使用するケーブルの品質と長さに影響されます。追加でこの専用ケーブルが必要な場合は、販売店までお問い合わせください。

製品外観

フロントパネル

- 1. ポート選択ボタン
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