ServSwitch™

MANUAL ADDENDUM

BLACK BOX®
NETWORK SERVICES

SW721A-R5
SW722A-R5
SW723A-R5
SW724A-R5
SW725A-R5
KV3104MA-R5
KV3104MN-R5
KV3108SA-R5

BLACK BOX®
NETWORK SERVICES

INSTALLATION MANUAL ADDENDUM

This manual addendum applies to the following product part numbers:

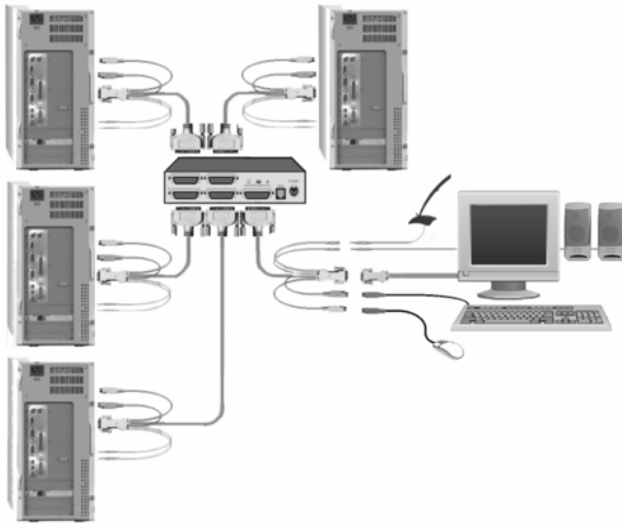|			
SW721A-R5	SW723A-R5	SW725A-R5	KV3104MN-R5
SW722A-R5	SW724A-R5	KV3104MA-R5	KV3108SA-R5

Audio, Serial, and Cable updates

ServSwitch now supports serial pass-through or full stereo audio.   Using a special CPU and KVM adapter cable, you can connect directly to a CPUs sound card and to a pair of computer speakers or headphones at the KVM station.

You can also, with special cables, connect to the CPUs MIC input and add a microphone to your KVM station.

The serial feature supports pass-through serial data for Touchscreen, Graphic tablet, and other pass-through serial devices.
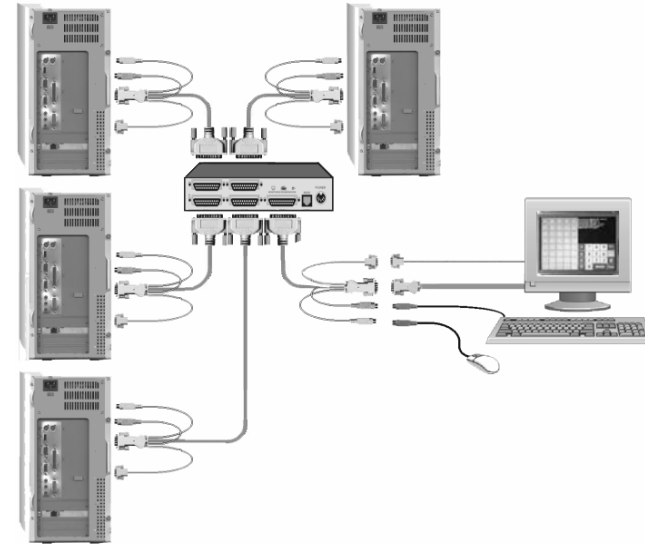
Audio connectivity

The audio feature of ServSwitch supports typical audio levels produced from a computer sound card's Speaker output. Powered speakers can be used for increased volume.

Connect each computer to the corresponding ServSwitch's CPU port using a CPU adapter cable configured with a DB25M connector on one end and a PS/2 keyboard and mouse connector, HD15M video connector, and 2-3.5mm Stereo audio connector on the other end (speaker and microphone input). Connect your KVM station to the ServSwitch's KVM port using a KVM adapter cable configured with a DB25M connector on one end and a PS/2 keyboard and mouse connector, HD15F video connector, and 2-3.5mm Stereo audio connector on the other end (speaker and microphone output) Audio produced from each connected computer can be listened to when you switch to that CPU port.

   Audio CPU adapter cables – EHN151A-nnnn (PS/2 keyboard/mouse)
                EHN382A-nnnn (PS/2 keyboard/mouse)
                EHN485A-nnnn (USB keyboard/mouse)

   Audio KVM adapter cables – EHN154A-nnnn (PS/2 keyboard/mouse)
                EHN383A-nnnn (PS/2 keyboard/mouse)

Serial Connectivity

The serial features of ServSwitch supports all pass-through serial devices such as Touchscreens and Graphic Tablets.

Connect each computer to the corresponding ServSwitch's CPU port using a CPU adapter cable configured with a DB25M connector on one end and a PS/2F keyboard and mouse connector, HD15M video connector, and a DB9F connector on the other end.

Connect your KVM station to the ServSwitch's KVM port using a KVM adapter cable configured with a DB25M connector on one end and a PS/2F keyboard and mouse connector, HD15M video connector, and a DB9M connector on the other end.

When connected, serial data is passed between the computer and the connected serial device.

   Serial CPU adapter cables – EHN382S-nnnn (PS/2 keyboard/mouse, DB9 serial)
   Serial KVM adapter cables – EHN383S-nnnn (PS/2 keyboard/mouse), DB9 serial)

Cable additions:

Part Number	Description
CPU adapter cables -	EHN282-nnnn-PL - VGA / PS2 KM (See note 1)
	EHN382-nnnn-LS - VGA / PS2 KM (See note 2)
	EHN485-nnnn-LS - VGA / USB KM (See note 3)
KVM adapter cables -	EHN283-nnnn-PL - VGA / PS2 KM (See note 3)
	EHN383-nnnn-LS - VGA / PS2 KM (See note 3

        -LS = low smoke zero halogen
        -PL = plenum rated
        nnnn = cable length in feet
     Note 1 – nnnn = 5', 10', 15', 20', 25', 35', 50', 75', 100'
     Note 2 – nnnn = 5', 10', 20', 35', 50', 75', 100'
     Note 3 – nnnn = 1, 5', 10', 20', 35', 50', 75', 100'