

PC Share

Installation and Operation

Introduction

Raritan's PC-Share enables 2 to 5 users, each with a keyboard, VGA monitor, and mouse to connect to and alternately operate one PC, either PS/2 or AT. Users can be located up to 1,000 feet away from the PC.

Only one user (keyboard and/or mouse) is active at any one time. That active user has exclusive control of the PC, while all other monitors display that PC's video output, unless the user invokes the PrivateView function. Other users can take control of the PC when the active user is idle for a time interval exceeding the time out limit. The time out limit can be set from 2 to 99 seconds.

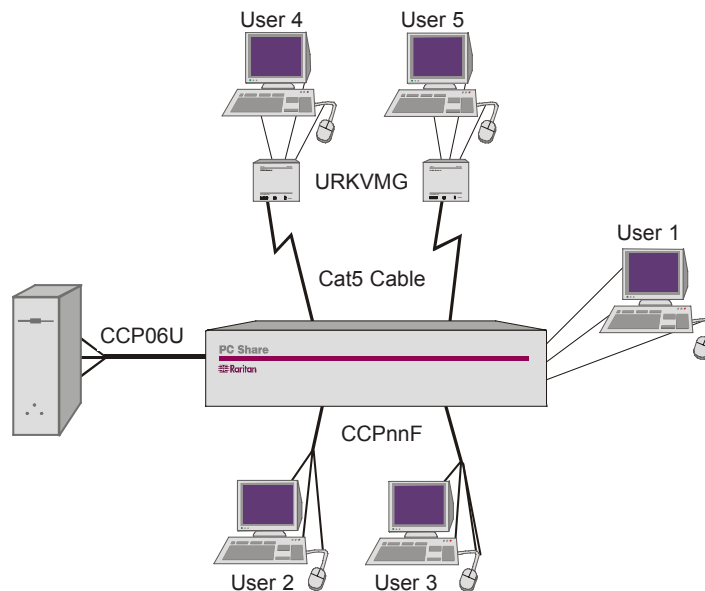
Packaging

PC-Share consists of the following components:

- PCSH5: Main unit
- A10D1-06MP: DC Adapter
- CCP06U: A 2-foot cable to connect PCSH5 to your PC's keyboard (5 or 6 pin), VGA video and mouse (5 pin or DB9) ports

Following optional accessories are available:

- CCPnnU: PC extension cable to locate the PC up to 30 feet from PCSH5
- CCPnnF: Coaxial cable up to 30 feet to connect users 2 and 3
- URKVMG includes DC Adapter A10D1-06MP: UTP Remote KVM Module (receiver) for users 4 and 5 (connect with user supplied Category 5 UTP cable up to 1,000 feet)



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Sequence of Steps for PC-Share Installation

A. Connect the Main Unit and User 1

1. Using the included CCP06U cable, plug the DB25 connector to the PC-Share connector labeled PC IN.
2. Plug the CCP06U connectors into the PC's keyboard, monitor, and mouse ports. Use the supplied adapters for AT-style PC.
3. Plug the DC Adapter (A10D1-06MP) into an AC power outlet, and plug the other end into the PC-Share unit DC IN.
4. Plug a keyboard, monitor, and mouse into the connectors of USER PORT 1.
5. Power on the PC and monitor. You can now operate your computer from USER PORT 1.

B1. Connect Users 2 and/or 3 (Steps A.1. through A.3. and A.5. above must be completed first).

1. Plug the DB25 connector of a user cable, CCPnnF, to the PC-Share USER PORT 2 or USER PORT 3.
2. Plug a keyboard, monitor, and PS/2 mouse into the connectors of the other end of the CCPnnF.
3. Power on the monitor. The user is ready to operate the PC.

B2. Connect Users 4 and/or 5 (Steps A.1. through A.3. and A.5. above must be completed first).

1. Plug the Category 5 UTP cable into the RJ45 connector of USER PORT 4 or USER PORT 5.
2. Plug the other end of the Category 5 UTP cable to the RJ45 port of a URKVMG.
3. Plug DC Adapter (A10DM-06MP) into a AC power outlet and plug the other end to the URKVMG.
4. Plug a keyboard, monitor, and PS/2 mouse into the URKVMG.
5. Power on the monitor. The user is ready to operate the PC.
6. The URKVMG has automatic video tuning. If video needs to be fine tuned, use a flat-head screw-driver inserted into the opening marked Video Adjustment and adjust up or down as required .

Operation

- All users have equal access to the PC. When one user is "active"– with keyboard or mouse input – any input from other users is ignored. Video is displayed on all monitors; unless it is blanked by PrivateView function (see below).
- The first user to activate the keyboard or mouse will gain control of the PC. If the active user is inactive for an interval exceeding the time out limit, any user can take control. The time out limit can be adjusted (see below).
- Hot-key functions allow any active user to set the time out limit, turn off video on the selected USER PORTS, and change hot-key activator. First activate hot-key mode by pressing the hot-key activator (<ScrollLock>, by default) twice rapidly. The LED on the keyboard corresponding to the hot-key activator will be blinking. Hot-key mode will terminate after 30 seconds if there is no input, or if the active user presses the Esc key.

Set Time Out Limit: Enter Tnn<Enter> to set the time out limit. Where nn=2, 3,..., 99 seconds (default setting is 2 seconds).

Set PrivateView: Enter B[(1)(2)(3)(R)]<Enter> where R (Remote) represents both USER PORTS 4 and 5 to blank video to the selected USER PORTS e.g., B2R<Enter> will turn off video to USER PORT 2 and USER PORTS 4 and 5, and leave video on at USER PORTS 1 and 3. "B<Enter>" will restore video to all USER PORTS. If video is turned off on a USER PORT, the user still can activate hot-key mode if the PC is available. The video for USER PORTS.4 and 5 operate jointly, so USER PORTS.4 and 5 can only select PrivateView for USER PORTS 1, 2, or 3.

Change Hot-key Activator: Enter "[NumLock, CapsLock, ScrollLock]<Enter>" to change the hot-key activator to NumLock, CapsLock, or ScrollLock (default is ScrollLock).



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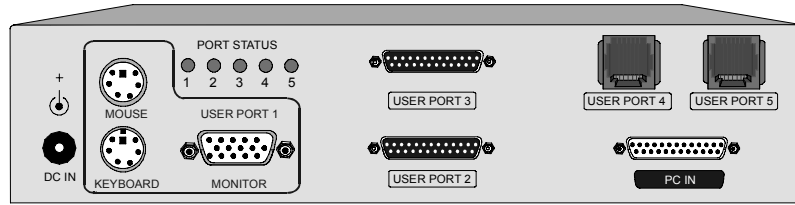
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Specifications and Accessories



PCSH5

PCSH5

Dimensions	7.53"W x 4.12"D x 1.7"H 267mm x 191mm x 44mm
Weight	2.0 lbs (.9 Kg)
Power	A10D1-06MP (DC Adapter included*)
USER PORT 1	6 pin(F) k/b, 6 pin(F) mouse, HD15(F) video
USER PORTS 2, 3	DB25(M) for CCPnnF cable
USER PORTS 4, 5	RJ45 for Category 5 UTP cable
Connection to PC	DB25(F) for CCP06U cable (2 feet/.6 M cable included)

Connection to PC Cable (Optional lengths to extend distance)

CCP20U	6.5 feet (2 M)
CCP40U	13 feet (4 M)
CCP60U	20 feet (6 M)
CCP90U	30 feet (9 M)
Connectors	DB25(M) to 6 pin(M) k/b, 6 pin(M) mouse, HD15(M) video

User Cable Kits for USER PORTS 2 and 3

CCP06F	2 feet (.6 M)
CCP20F	6.5 feet (2 M)
CCP40F	13 feet (4 M)
CCP60F	20 feet (6 M)
CCP90F	30 feet (9 M)
Connectors	DB25(F) to 6 pin(F) k/b, 6 pin(F) mouse, HD15(F) video

URKVMG Remote KVM Module for USER PORTS 4 and 5

Connect to PCSH5 with Category 5 UTP Cable

Dimensions	4.30"W x 3.60"D x 1.00"H 109mm x 91mm x 25mm
Weight	0.5 lbs (.2 Kg)
Power	A10D1-06MP (DC Adapter included*)
Connectors	6 pin(F) k/b, 6 pin(F) mouse, HD15(F) video

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Note:

Raritan's Category 5 UTP transmitter-receiver (UKVM/URKVMG) products provide a convenient and cost effective way to extend PC access.

Distance	Resolutions
Up to 650 feet	1600 x 1200
Up to 1,000 feet	1024 x 768

The quality of the video can be affected by the quality of the cable used. The following cables have been tested and are determined to produce satisfactory results with the products:

Manufacturer	Cable Type
Belden	Datawist 350 Type 1700A
Belden	Mediatwist Type 1872A
Madison Cables	p/n 08FI00013
Helix/Hitemp Cables	p/n 803508F

Raritan's Category 5 products utilize the EIA/TIA T568B standard. Category 5 UTP cable used with Raritan's Category 5 products must conform to this standard.



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