

4 System Setup

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Initial Setup

The ultrasound imaging system is initially unpacked and installed by a Siemens representative. Your Siemens representative will verify the operation of the system. Any transducers, documentation devices, accessories, and options delivered with your system are also connected and installed for you.

Each day before you use the ultrasound system, perform the Daily Checklist procedures described below.

Daily Checklist

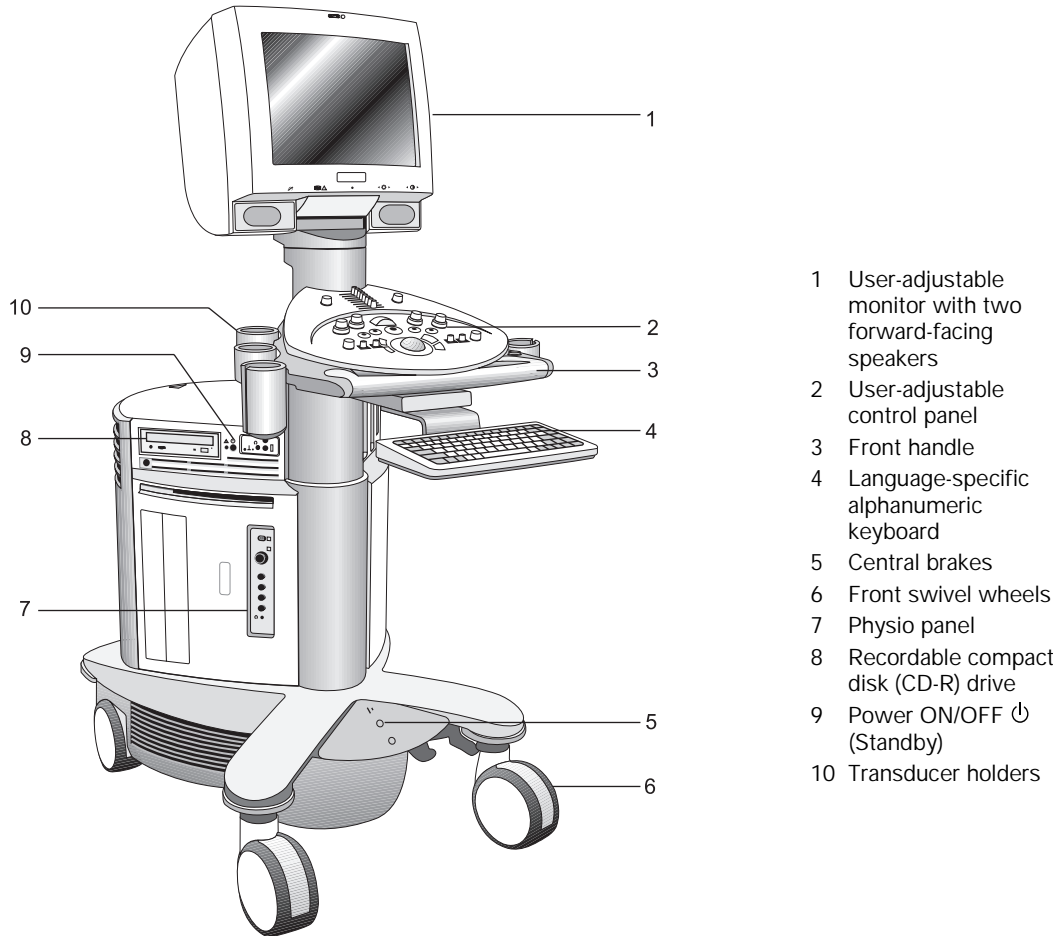
Perform the following each day before using the ultrasound system:

- Visually inspect all transducers. Do not use a transducer that has a cracked, punctured, or discolored casing or a frayed cable.
- Visually inspect all power cords. Do not turn on the power if a cord is frayed or split, or shows signs of wear.
If your system's power cord is frayed or split, or shows signs of wear, contact your Siemens service representative for power cord replacement.
- Verify that the trackball, and the DGC slider controls are clean and free from gel or contaminants.

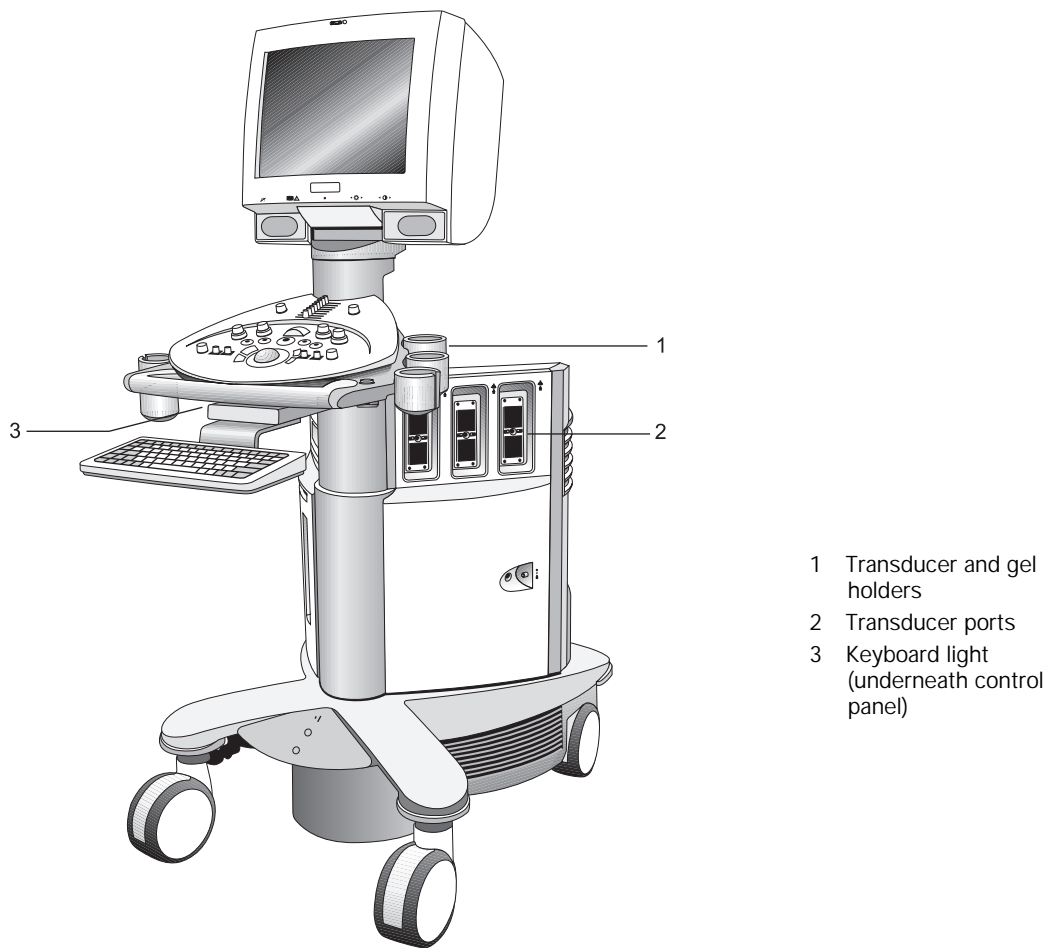
Once the system is powered on:

- Visually check the on-screen displays and lighting.
- Verify that the monitor displays the current date and time.
- Verify that the transducer identification and indicated frequency are correct for the active transducer.

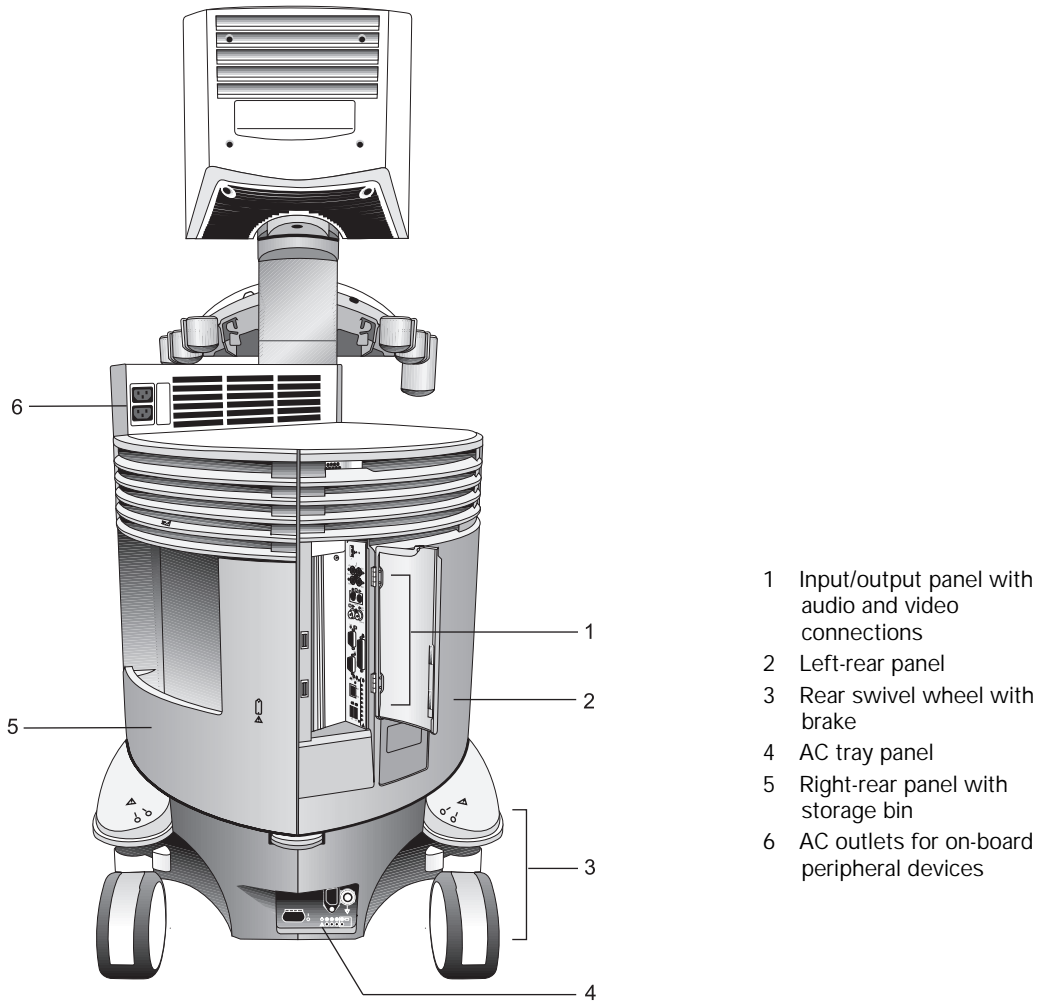
System Review



Left-front view of the SONOLINE Antares ultrasound system.



Right-front view of the SONOLINE Antares ultrasound system.



Back view of the SONOLINE Antares ultrasound system.

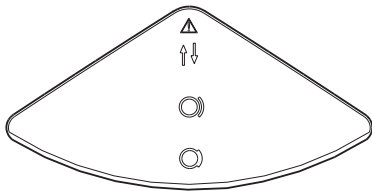
Moving the System

⚠ Caution: Preparations before moving the system are important to minimize potential damage to sensitive components and to avoid safety hazards. Review the moving instructions before moving the system.

⚠ Caution: Do not park, or leave unattended, on a slope. Even when the rear brakes are engaged, the system may slide down a ramp.

The ultrasound system is designed to be a mobile unit. Before moving the system to another location, you must prepare for the move by powering off and securing the system.

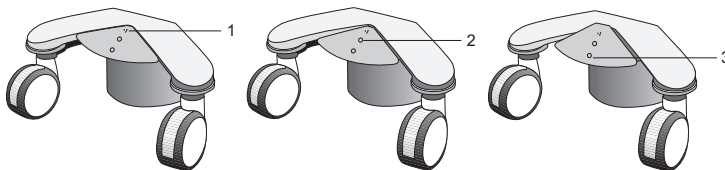
Using the Front Brakes



Front Brake.

The front brakes (on the wheels nearest you when you face the control panel on the ultrasound system) are set differently from the rear brakes.

The front brakes are set simultaneously from a foot pedal in the central section of the system front bumper as either unlocked, locked swivel, or locked.



Positions of the front brake.

- 1 Locked swivel (wheels only roll straight forward or backwards)
- 2 Unlocked (wheels can swivel and roll)
- 3 Locked (wheels cannot swivel or roll)

To set the front brakes:

- Press the center section of the front bumper down firmly with your foot until the brakes lock into place. This is the lowest position for the front bumper.

To release the front brakes:

- Lift the center section of the front bumper from underneath until it clicks once, using the top of your foot. This is the center position for the front bumper.

To set the swivel brakes:

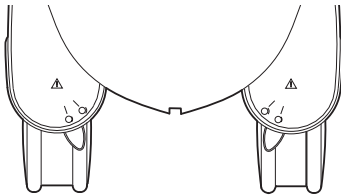
- Lift the center section of the front bumper from underneath firmly until the wheels are locked in a forward position, using the top of your foot. This is the highest position for the front bumper.

To release the swivel brakes:

- Press the center section of the front bumper down with your foot until it clicks once. This is the center position for the front bumper.

Using the Rear Brakes

The rear brakes are set individually as either unlocked or locked.



Rear Brakes.

To set the rear brakes:

- Using your foot, move lever to the Lock position until you hear a click.

To release the rear brakes:

- Using your foot, move lever to the Unlock position until you hear a click.

Prior to the Move

1. **Power OFF:** Briefly press and then release the power on/off switch (⏻) to power off the ultrasound system. The power on/off switch is located to the right of the CD-R drive.
2. **Unplug cord:** Unplug the power cord from the wall outlet. Pull on the plug, NOT the cord.
3. **Secure components:** The following components must be secured or transported separately:
 - Power cord: Secure the power cord to avoid rolling the system wheels over the cord.
 - Transducers: To ensure that the transducers are transported safely, remove each transducer and place it in its protective carrying case.
 - Keyboard: push the keyboard under the control panel.
 - Gel, videotapes, and CD-R disks: transport separately.
4. **Release brakes:** Release both the front and rear brakes.





During the Move

- ⚠ **Caution:** When moving the ultrasound system, protect it from environmental changes including: moisture, winds, dirt and dust, and extreme heat or cold exposure.
- ⚠ **Caution:** Avoid moving the ultrasound system on outside surfaces with loose dirt, contaminates, or standing liquids.
- ⚠ **Caution:** Care should be taken to minimize shock and vibration of the ultrasound system. Avoid uneven surfaces that contain an abrupt height change or jarring surface irregularities.

You can move the ultrasound system from room to room within a facility and easily reposition the system during an examination. Be careful on inclines and uneven surfaces. The ultrasound system can be moved across pavement and other hardened parking lot surfaces.

Note: The wheels of the ultrasound system must be locked when transporting by vehicle. The ultrasound system must be sufficiently anchored to the vehicle floor or walls such that it does not shift or move during transport.

After the Move

-  **Caution:** Make sure the ultrasound system has proper ventilation during operation. Do not position the system against walls or hard surfaces that would impede free ventilation around the system.
-  **Caution:** Do not allow linens, bedding, and/or hanging curtain partitions to block the ultrasound system's ventilation.
-  **Caution:** Obstructed fans can cause potential system overheating, system performance degradation, or failure.
-  **Caution:** Brakes are most effective on a level surface. Never park the system on an incline greater than five degrees.
- Position system:** Make sure the system is not placed against walls or fabrics that obstruct perimeter air flow to the system cooling fans.
- Set brakes:** Set the front and rear brakes.
- Plug in cord:** Plug the power cord into a hospital-grade or local equivalent wall outlet.
- Power ON:** Power on (⏻) the ultrasound system.
- Check display:** After the boot-up sequence is complete, verify that the image display is stable, that you can select a transducer, and that selections made on the control panel respond to your selection.

Shipping the System

When shipping the system, perform the following tasks, as appropriate.

To prepare the system for shipment over long distances or rough terrain:

1. Repack the system in the factory packaging and crate according to the instructions shown on the container.
2. Load the system into a vehicle using a lift gate.

To prevent lateral movement of the system, secure the system with cargo straps.

To prevent sudden jarring of the system during transport, provide shock cushions beneath the system.

System Startup

The first step to operating the ultrasound system is to connect the system to a power source.

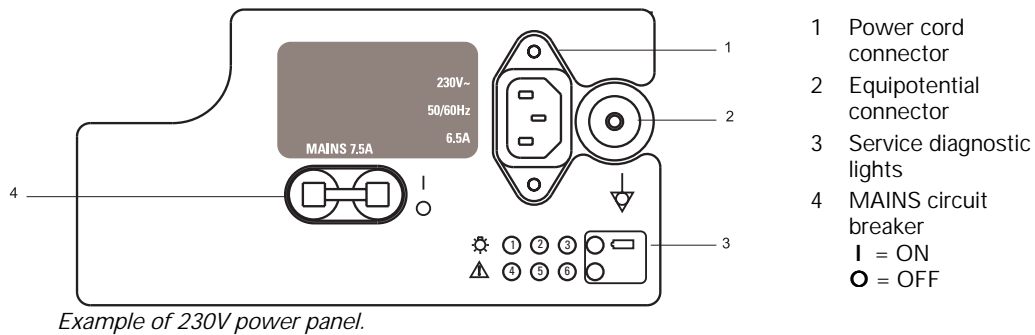
Plugging in the System

The ultrasound system has a non-detachable power cord.

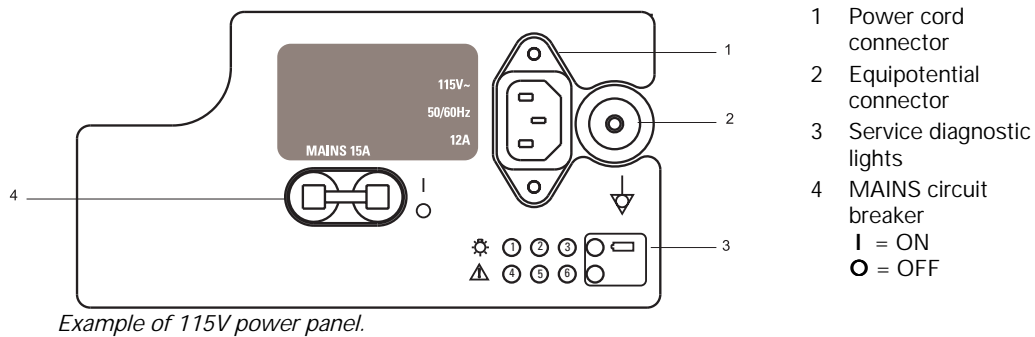
⚠ WARNING: For 115V units only: To ensure grounding reliability, connect the system only to a hospital-grade power receptacle.

To plug in the system:

- Connect the power cord plug to the MAINS supply in the following manner:
 - **230V systems** to a 230V standard MAINS, i.e., "Schuko" receptacle (CEE 7-7 standard).

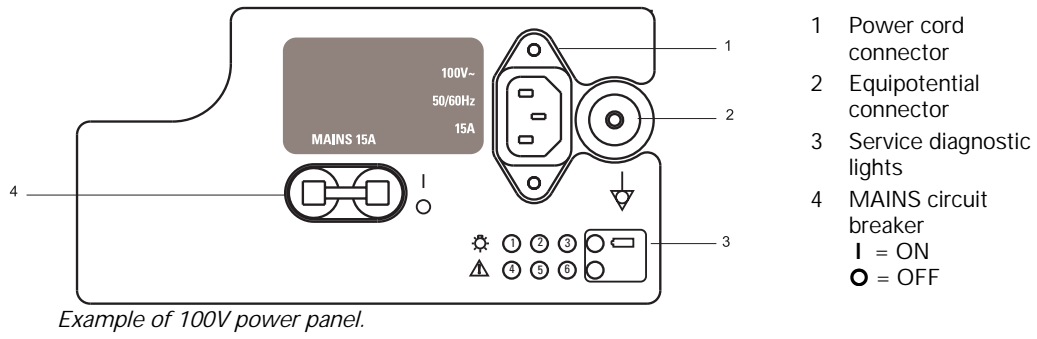


- **115V systems** to a hospital-grade MAINS receptacle.



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- **100V systems** to a standard 100V MAINS receptacle.




Example of 100V power panel.

Supplying Power to the System

The ultrasound system is powered on and off using the green partial power on/off switch (⏻) located on the front of the system.

Note: This switch does not completely shut down or disconnect the system from the power mains. This switch only powers on, or off, a portion of the ultrasound system. To completely disconnect the system from the power mains, the circuit breaker located on the back panel must be switched from the **I** to **O** position.

 **Caution:** Wait approximately 20 seconds between powering the system off and then on again. This allows the system to complete its shutdown sequence.

To power on the system:

1. Before using the system, perform the Daily Checklist.
2. Verify the power cord is plugged into the system and then into the power supply.
3. Power on (⏻) the ultrasound system.

Cold-Boot

When the system is powered on, it runs through a series of self-diagnostic and calibration tests, after which the system is ready for use.

Note: The system will not run through the complete power-on routine if a problem occurs. Instead, an error code or message appears on the screen to indicate the problem. Please note the message and call your local Siemens service representative.

4. Visually check the on-screen displays and lighting indicated in the Daily Checklist.

To power off the system:

- Briefly press and then release the power on/off switch (⏻) to power off the ultrasound system.

If the system is transferring images, then it will wait until the transfer is complete to power off.

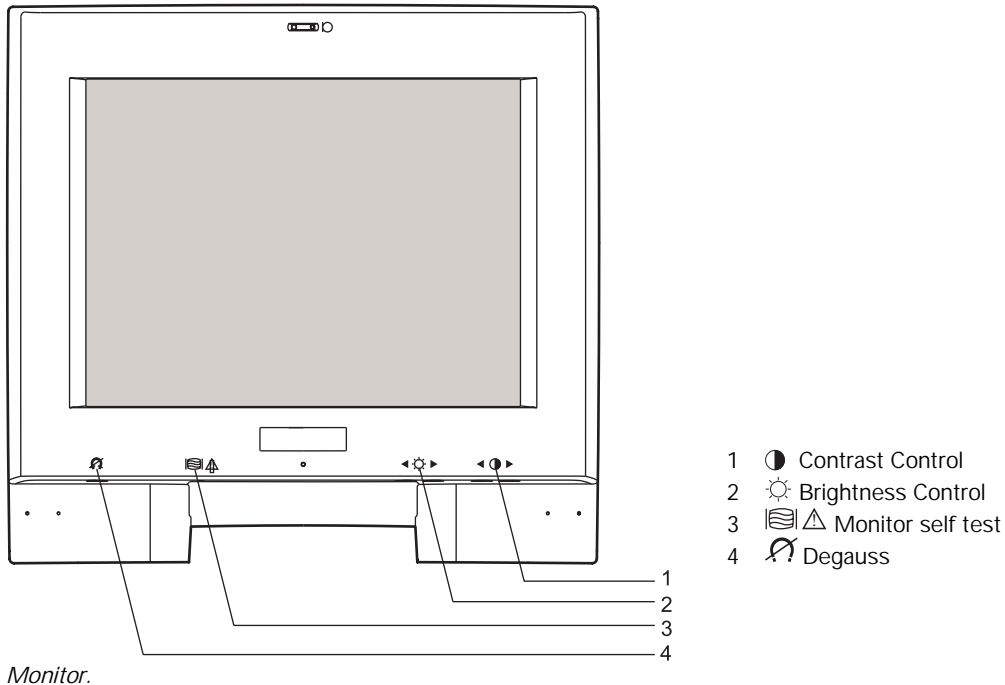
Wait approximately 20 seconds before powering on (⏻) the ultrasound system.



Instructions for Use

Daily Checklist	4-3
Location of partial power on/off switch	4-4

Adjusting Controls on the Monitor



To adjust the brightness or contrast control for the monitor:

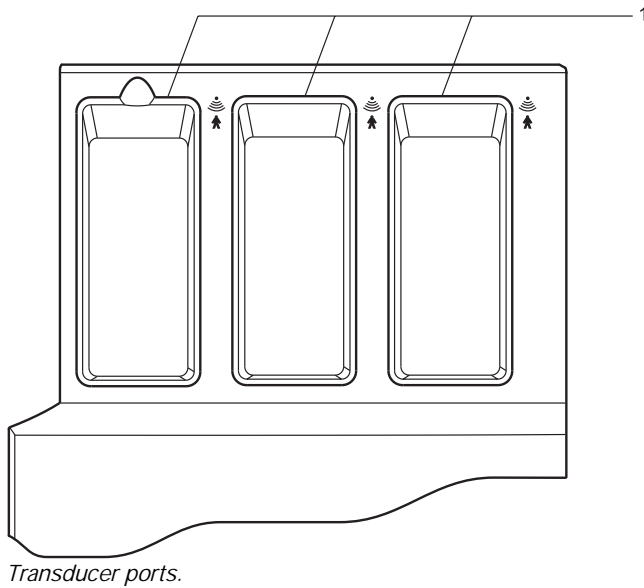
- Press the right contrast button to increase the display contrast and the left button to decrease the contrast.
- Press the right brightness button for a brighter image with a lighter background and the left button to darken.

For consistency in image reproduction, adjustments to the brightness and contrast of the viewing monitor should be made prior to adjusting the print quality of installed documentation devices.

Connecting and Disconnecting Transducers

⚠ Caution: Ensure that the system is in freeze before connecting and disconnecting transducers. If a transducer is disconnected before the image is frozen, the system will display an error message and it will be necessary to reset the system before continuing to use it.

You can connect up to three transducers to the ultrasound system, with one transducer being the **active** transducer. The names of the transducers currently connected to the system to display on the **Image** task card.



- 1 Three 260-pin ports for array transducers

Level of Protection Against Electrical Shock ■ System

According to EN 60601-1 and IEC 60601-1, the system provides a "Level of Protection Against Electrical Shock" of "Type B."



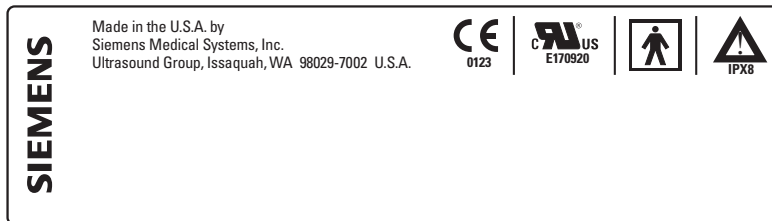
The Type B icon is located on the system.

Level of Protection Against Electrical Shock ■ Transducers

According to EN 60601-1 and IEC 60601-1, the assemblies for the endocavity transducer and the linear, curved, and phased array transducers provide a "Level of Protection Against Electrical Shock" of "Type BF."



The Type BF icon is located on the transducer label.



Example of a transducer label.

Array Transducers

Connect an array transducer to any of the three available array ports.

⚠ Caution: You must freeze the system before connecting or disconnecting a transducer.

Note: When transducer connectors are being attached to or disconnected from the system, resistance may be encountered due to the special shielding material inside the connectors. This is normal for these transducers.

To connect an array transducer:

1. Hold the transducer connector with the cable extending upward from the connector.
2. Insert the connector pins into the system port and turn the lock on the transducer connector clockwise until it locks in position.

This secures the connector in position and ensures the best possible contact.

3. Place the transducer in the transducer holder.

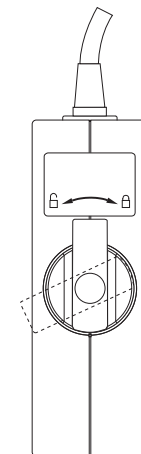
To disconnect an array transducer:

⚠ Caution: To avoid damaging the transducer cable, do not pull on the cable to disconnect the transducer. Use the following instructions.

1. Turn the lock on the connector housing counterclockwise until it unlocks.
2. Firmly grasp the transducer connector and carefully remove it from the system port.
3. Store each transducer in its protective carrying case.



Array transducer port.



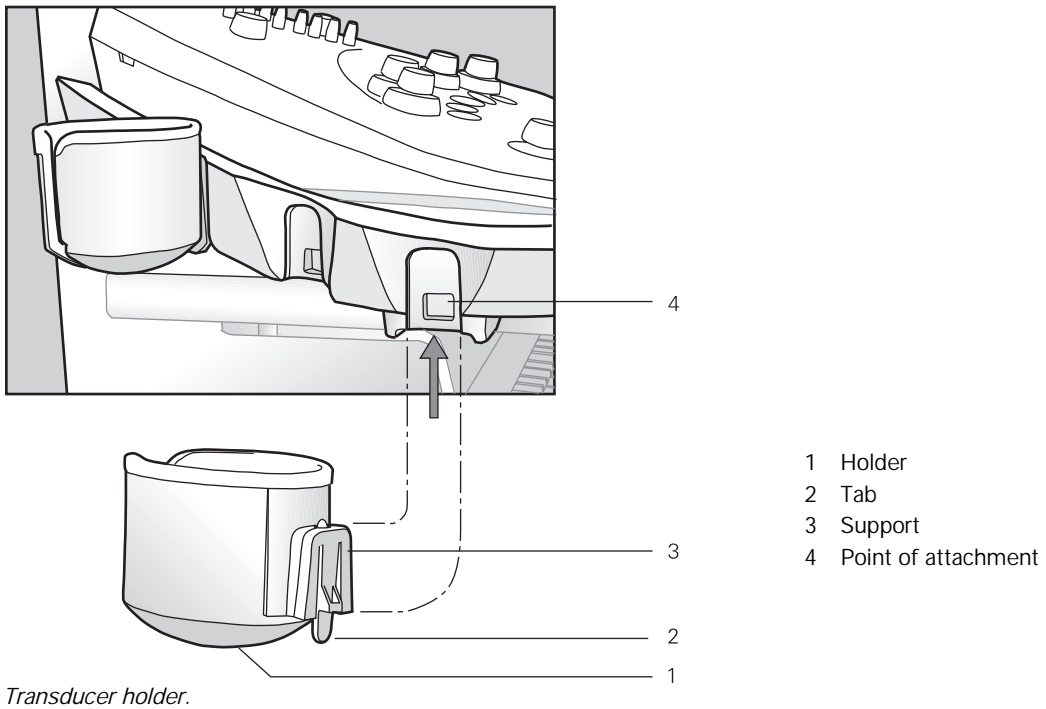
Locked and unlocked positions of the connector.

Protective Transducer Holder

After connecting a transducer to the system, place the transducer in the protective holder attached to the control panel platform. There is also a holder for the coupling agent (gel).

Transducer Holders

The transducer holders on the sides of the control panel are interchangeable and replaceable.



Transducer Cable Management

Use the transducer cable hooks to manage one or more transducer cables. The transducer cable hooks support your cables and protect them from contact with the floor.

To install a transducer cable hook:

Note: A transducer cable hook can mount on any transducer holder. A transducer cable hook cannot mount on a gel holder.

The transducer cable hook mounts between the transducer holder and the point of attachment on the ultrasound system.

1. Remove the transducer holder from the ultrasound system:

Reach under the holder to locate the tab on the holder. The tab extends below the point of attachment to the ultrasound system. Squeeze the tab towards the holder and pull the holder downward.

2. Attach the transducer cable hook to the transducer holder:

Note: Ensure that the cable hook is oriented toward the cup side of the transducer holder before mounting the transducer holder onto the ultrasound system.

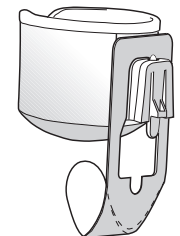
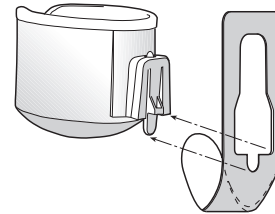
- a. Align the widest part of the open area on the cable hook with the support on the transducer holder.
 - b. Slide the cable hook downwards over the transducer holder support, engaging the cable hook onto the transducer holder.
3. Reattach the transducer holder to the system:

Align the support on the holder directly below the point of attachment on the ultrasound system and firmly push upwards until the holder snaps into place.



Instructions for Use

Transducer Holders	4-18
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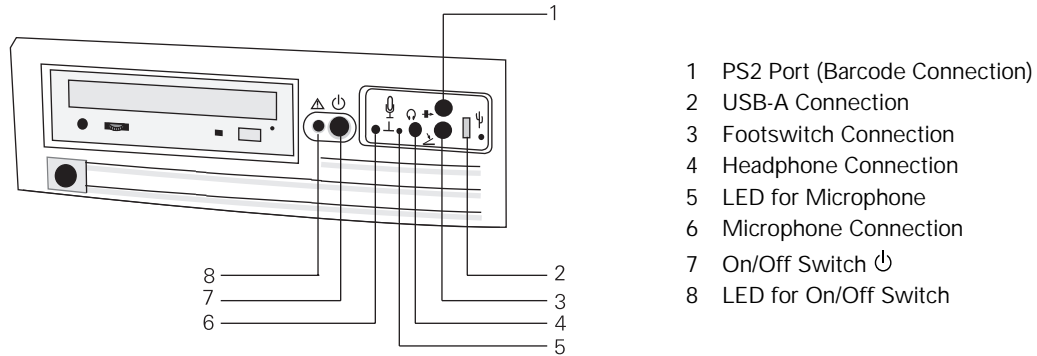


Transducer cable hook.

Connecting System Accessories

The ultrasound system has connections for system accessories.

Front System Panel



Example of front system panel.

Physio Cables

Attach the optional Physio leads and auxiliary connectors to the Physio panel, located on the left front of the system.

The optional Physio feature allows the system to display a scrolling ECG waveform on the image screen.

Note: The Physio inputs are Defibrillation Proof. However, in the event of defibrillation while using the Physio function, the Physio inputs may become saturated (overloaded). An ECG pattern may not be visible for up to 30 seconds. After this time, the Physio function should return to normal operation.

To connect the Physio cables:



- Connect the six-pin Physio cable to the socket labeled ECG on the front of the system.



Physio label identifying the connector socket.

Input/Output Panel Connections

Audio and video connections are located on the Input/Output (I/O) panel.

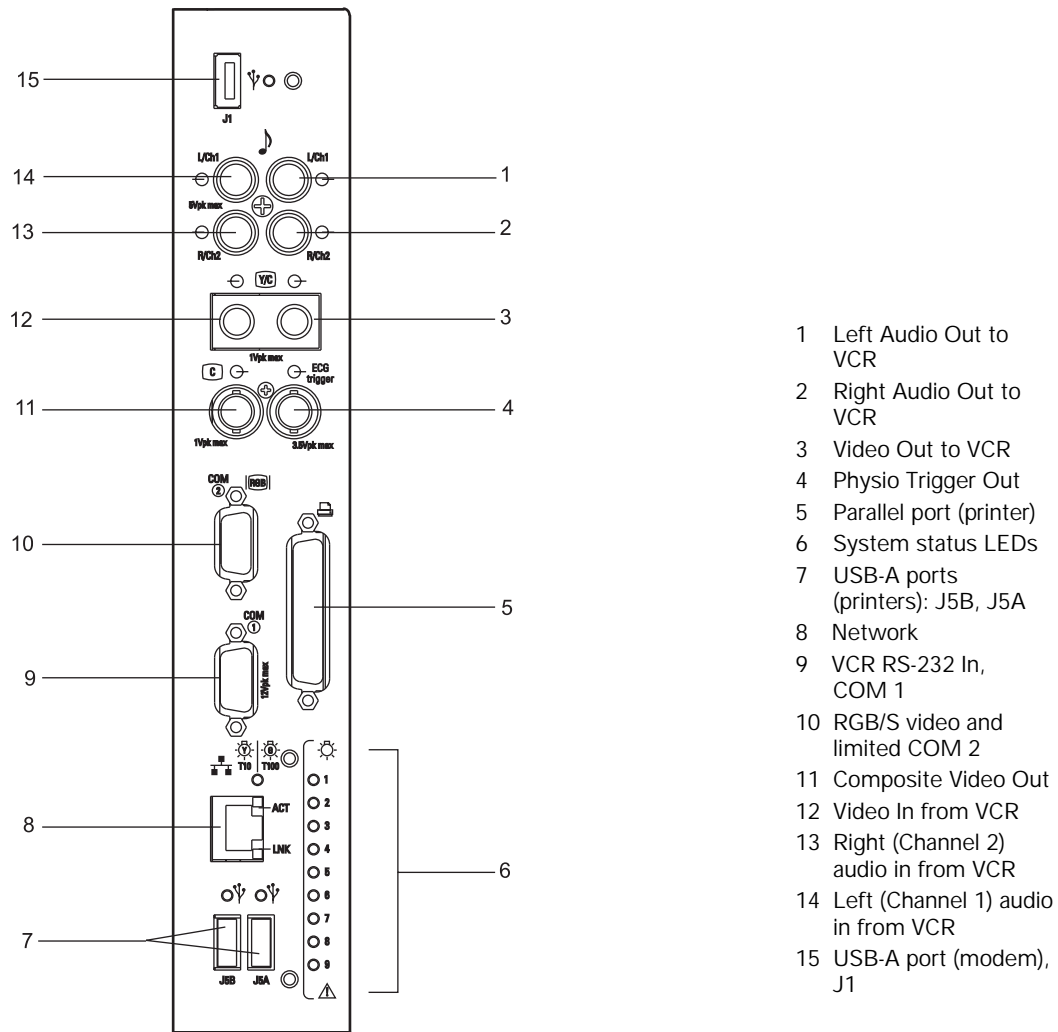
-  **WARNING:** Accessory equipment connected to the analog and digital interfaces must be certified according to the respective EN and IEC standards (for example, EN 60950 and IEC 60950 for data processing equipment and EN 60601-1 and IEC 60601-1 for medical equipment). Furthermore, all configurations shall comply with the system standards EN 60601-1-1 and IEC 60601-1-1. Anyone who connects additional equipment to the signal input or signal output port configures a medical system and is therefore responsible that the system complies with the requirements of the system standards EN 60601-1-1 and IEC 60601-1-1. Siemens can only guarantee the performance and safety of the devices listed in the *System Reference*. If in doubt, consult Siemens service department or your local Siemens representative.
-  **Caution:** To ensure proper grounding and leakage current levels, it is the policy of Siemens to have an authorized Siemens representative or approved third party perform all on-board connections of documentation and storage devices to the ultrasound system. The *System Reference* lists the peripheral devices specified for use with the ultrasound system.



System Reference

RESOURCES:
Accessories and Options Ch 2

4 System Setup



Input/Output connections.

Connecting Peripheral Equipment

On-board peripheral devices must be installed by an authorized Siemens representative or by a Siemens approved third party. Any use of other devices with the system will be at the user's risk and may void the system warranty.

In order to fulfill EN 60601-1-1 and IEC 60601-1-1 (Medical Electrical Equipment, Part 1: General Requirements for Safety) requirements, connection of peripheral equipment to your ultrasound system must adhere to one of the following conditions:

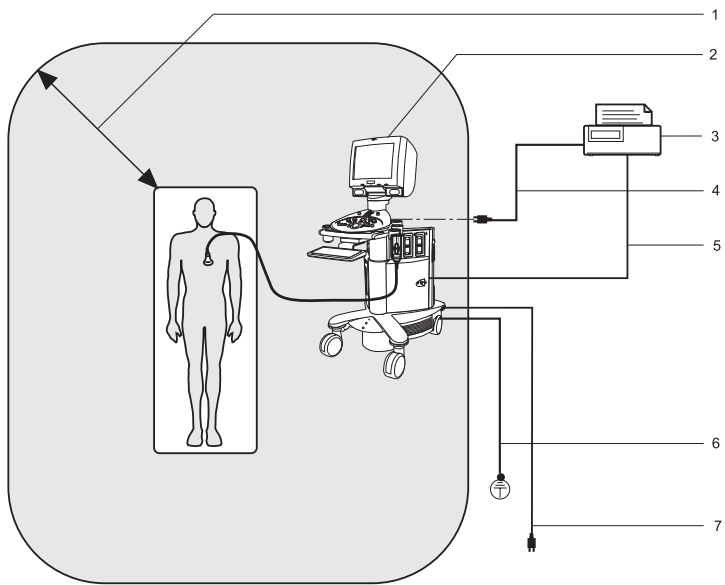
- The peripheral equipment itself is a medical device approved according to EN 60601-1 and IEC 60601-1, or
- Non-medical peripheral equipment approved according to any other EN or IEC standard (EN XXXXX or IEC XXXXX, e.g., equipment complying with EN 60348 and IEC 60348, EN 60950 and IEC 60950, etc.) must use the following setup for connection:
 - Connect the ultrasound system to an independent protective earth terminal, with a ground wire connection to the ultrasound systems equipotential connector. Ensure that the protective earth wire is connected to a qualified protective earth connection independent of the existing systems earth connection (via the power cable).
 - The peripheral equipment is located at least 1.5 meters (1.8 meters [6 feet] in Canada and the U.S.A.) outside of the patient environment. A patient environment is defined as the area in which medical examination, monitoring, or treatment of the patient takes place.
 - The peripheral equipment is connected to a main outlet outside the patient environment but still within the same room as the ultrasound system.



Equipotential connector located on AC tray panel of the ultrasound system.

For additional information and other possible combinations, please refer to the Medical Electrical Equipment Standard EN 60601-1-1 or IEC 60601-1-1, Annex BBB.7, Scenario 3c.

Note: The above information is based on current EN 60601-1-1 and IEC 60601-1-1 standards, dated 1992. If your country's regulatory standards for medical equipment do not correspond to EN 60601-1 and IEC 60601-1 as well as EN 60601-1-1 and IEC 60601-1-1, your local requirements may be different.



- 1 Patient environment (represented by shading, extending exactly 1.5 meters (1.8 meters [6 feet] in Canada and the U.S.A.) around patient and ultrasound system)
- 2 Ultrasound system
- 3 Peripheral equipment (EN XXXXX and IEC XXXXX)
- 4 Peripheral equipment power
- 5 Printer data cable
- 6 Additional Protective Earth
- 7 Ultrasound system power

Example of a peripheral equipment connection and patient environment.

Installing Documentation Devices

This section describes connection and setup of supported documentation devices for the ultrasound system. Available documentation device options include:

- Black and white printer, (3" x 4" [A6] format).
- Color printer (5" x 7" [A5] or 3" x 4" [A6] format).
- Videocassette recorder (VCR) with either NTSC or PAL format.

⚠ WARNING: Do not connect any off-board device to an AC outlet on the ultrasound system. Doing so will cause the ultrasound system to be out of compliance and may create a safety hazard.

Note: Only authorized Siemens representatives are permitted to install documentation devices on-board the ultrasound system.

On-board vs. off-board documentation devices

On-board documentation devices must be installed by authorized Siemens representatives.

Off-board documentation devices are user installable.

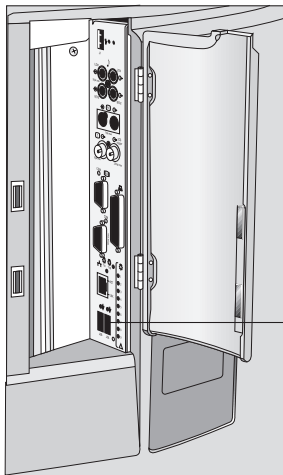
An off-board documentation device has a data cable connecting it to the ultrasound system, but is connected to AC power separate from the ultrasound system. An off-board documentation device is located separately, for example: on a table next to the ultrasound system.

Up to three documentation devices in total may be connected to the ultrasound system. All installed documentation devices may be controlled from the ultrasound system.

The following configurations are supported:

- One off-board device and two on-board devices.
- Up to two off-board devices and one on-board device.
- Up to three off-board devices when there are no on-board devices.

Installing Off-Board Printers



I/O panel with printer connection.

- 1 Connect the USB end of the parallel-to-USB cable to the correct USB port.

Off-Board Mitsubishi P91DW Printer

The Mitsubishi P91DW printer is a black and white thermal printer.

To connect the printer to the ultrasound system:

⚠ WARNING: Do not connect any off-board device to an AC outlet on the ultrasound system. Doing so will cause the ultrasound system to be out of compliance and may create a safety hazard.

1. Power on (⏻) the ultrasound system and wait for the operating system to finish loading.
2. Ensure that the printer is powered off. (The power switch is located on the front of the printer.)
3. Plug the Printer AC power cord into the back of the printer and plug the other end into an AC power outlet that is not located on the ultrasound system.
4. Locate the DIP switches numbered one through four in the upper left of the printer rear panel.
 - Set DIP switch number one to the on (up) position.
 - Set DIP switches numbered two through four to the off (down) position.
5. Open the door to the I/O panel.
6. Route the parallel-to-USB cable through the opening in the top of the ultrasound system and into the cable channel. The cable will emerge above the I/O panel.
7. Plug in the parallel connector to the back of the printer.
8. Locate the USB port on the ultrasound system I/O panel and connect the USB end of the parallel-to-USB cable to the USB port.
9. Power on the printer.



DIP switches on P91DW.

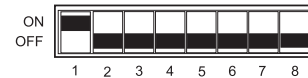
Off-Board Mitsubishi CP800DW Printer

The Mitsubishi CP800DW printer is a color thermal printer.

To connect the printer to the ultrasound system:

⚠ WARNING: Do not connect any off-board device to an AC outlet on the ultrasound system. Doing so will cause the ultrasound system to be out of compliance and may create a safety hazard.

1. Power on (⏻) the ultrasound system and wait for the operating system to finish loading.
2. Ensure that the printer is powered off. (The power switch is located on the front of the printer.)
3. Plug the Printer AC power cord into the back of the printer and plug the other end into an AC power outlet that is not located on the ultrasound system
4. Locate the DIP switches numbered one through eight in the upper left corner of the printer rear panel.
Set DIP switch number one to the on (up) position.
Set DIP switches numbered two through eight to the off (down) position.
5. Open the door to the I/O panel.
6. Route the parallel-to-USB cable through opening in the top of ultrasound system and into the cable channel. The cable will emerge above the I/O panel.
7. Plug in the parallel connector to the back of the printer.
8. Locate the USB port on the ultrasound system I/O panel and connect the USB end of the parallel-to-USB cable to the USB port.
9. Power on the printer and wait 15 seconds before printing.



DIP switches on CP800DW.

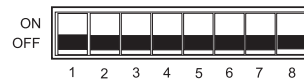
Off-Board Mitsubishi CP770DW Printer

The Mitsubishi CP770DW printer is a color thermal printer.

To connect the printer to the ultrasound system:

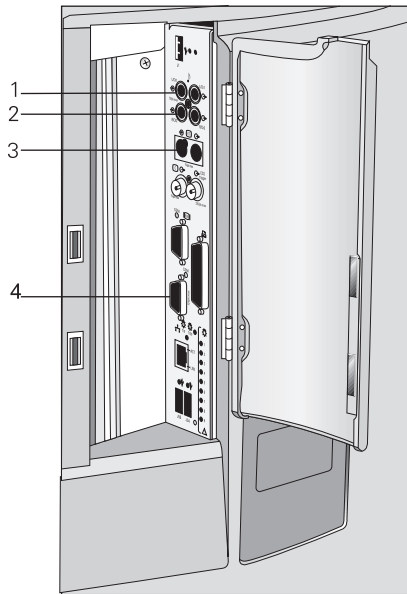
⚠ WARNING: Do not connect any off-board device to an AC outlet on the ultrasound system. Doing so will cause the ultrasound system to be out of compliance and may create a safety hazard.

1. Power on (⏻) the ultrasound system and wait for the operating system to finish loading.
2. Ensure that the printer is powered off. (The power switch is located on the front of the printer.)
3. Plug the Printer AC power cord into the back of the printer and plug the other end into an AC power outlet that is not located on the ultrasound system
4. Locate the DIP switches numbered one through eight in the upper left corner of the printer rear panel and set them all to off (down).
5. Open the door to the I/O panel.
6. Route the parallel-to-USB cable through the opening in the top of the ultrasound system and into the cable channel. The cable will emerge above the I/O panel.
7. Plug in the parallel connector to the back of the printer.
8. Locate the USB port on the ultrasound system I/O panel and connect the USB end of the parallel-to-USB cable to the USB port.
9. Power on the printer and wait 15 seconds before printing.



DIP switches on CP770DW.

Installing the Off-Board Video Cassette Recorder (VCR)



- 1 Left side: VCR left audio in to **L/Ch1** in
Right side: VCR left audio out to **L/Ch1** out
- 2 Left side: VCR right audio in to **R/Ch2** in
Right side: VCR right audio out to **R/Ch2** out
- 3 Left side: VCR video in to **Y/C** in
Right side: VCR video out to **Y/C** out
- 4 VCR RS232 in to **Com 2**

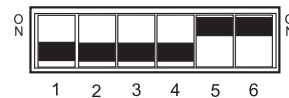
I/O panel with VCR connections.

Installing the Off-Board Sony SVO-9500 MD2/MDP2 Video Cassette Recorder (VCR)

To connect the VCR to the ultrasound system:

⚠ WARNING: Do not connect any off-board device to an AC outlet on the ultrasound system. Doing so will cause the ultrasound system to be out of compliance and may create a safety hazard.

1. Power off (⏻) the ultrasound system.
2. Ensure that the VCR is powered off. (The power switch is located on the front of the VCR.)
3. Plug the VCR AC power cord into the back of the VCR and plug the other end into an AC power outlet that is not located on the ultrasound system.
4. Locate the six DIP switches in the upper right corner of the VCR rear panel. Set the four switches on the left to the down position. Set the 2 switches on the right to the up position.



DIP switches on SV09500.

5. There are six connections on the rear of the VCR that must be connected to the six mating connections on the I/O panel of the ultrasound system, using the VCR cable. All connections for the VCR are bundled into one VCR cable, except for the AC power connection. Route the end of the VCR cable that will connect to the ultrasound system down through the cable channel prior to making connections to the I/O panel on the ultrasound system.

Connect the VCR cable as follows:

- Left Audio In from the VCR connects to Left Audio Out on the I/O panel.
 - Right Audio In from the VCR connects to Right Audio Out on the I/O panel.
 - Video In from the VCR connects to Video Out on the I/O panel.
 - Left Audio Out from the VCR connects to Left Audio In on the I/O panel.
 - Right Audio Out from the VCR connects to Right Audio In on the I/O panel.
 - Video Out from the VCR connects to Video In on the I/O panel.
 - RS232 connector from the VCR connects to RS232 connector on the I/O panel.
6. Power on the VCR.
 7. Power on (⏻) the ultrasound system.
- The VCR will be recognized by the ultrasound system if the VCR is connected and powered on prior to the ultrasound system being powered on.

Printer maintenance

You will need to perform the following printer maintenance:

- Replace empty printer paper rolls.
- Refill empty ink cassettes.
- Clean the printer according to manufacturer's recommendations.

Follow the printer manufacturer's instructions for your specific printer.

Accessing the ink cassette for color printers

You may need to adjust the ultrasound system to access the printer before removing or replacing the color printer ink cassette.

Note: When two on-board peripheral devices are installed, the Height Adjustment control is locked in the highest position.

To access the ink cassette:

1. Remove any transducer holders on the left side of the control panel of the ultrasound system that are obstructing your access to the printer.
2. Ensure that the control panel of the ultrasound system is in the highest position. To raise the height of the control panel, press the Height Adjustment control.
3. Fully extend the keyboard from under the control panel on the ultrasound system.
4. Follow the printer manufacturer's instructions to unlock the ink cassette.
5. Pull the ink cassette out as far toward the right as possible and angle downward slightly to disengage the cassette.
6. Follow the printer manufacturer's instructions to service the ink cassette.
7. Reinstall the ink cassette into the printer by following the same angled path used to remove it.
8. Readjust the keyboard and the height of the control panel of the ultrasound system to your preferred working position.
9. Reattach any transducer holders removed during this procedure.



Instructions for Use

Transducer	
Holders	4-18
System	
Ergonomics	4-32

System Ergonomics

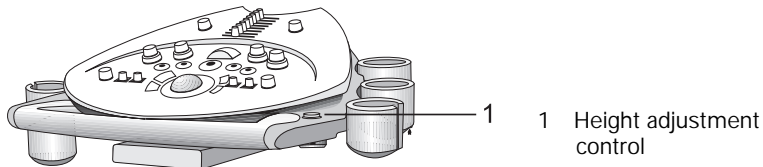
You can make the following adjustments to the system:

Monitor – You can tilt and swivel the monitor for optimal viewing while scanning. The sides of the monitor provide a general hand hold for tilting and swiveling the monitor.

Keyboard – You can slide the keyboard out away from the control panel when in use, and back under the control panel when not in use.

Height Adjustment Control – You can adjust the height of the monitor, control panel, and keyboard by pressing the Height Adjustment control and pulling up or pushing down.

Note: When two on-board peripheral devices are installed, the Height Adjustment control is locked in the highest position.



Location of the Height Adjustment control.

System Presets

You can change the system presets such as the on-screen display of the date, time, and hospital name using system Presets. These settings display on the image screen as well as on patient reports.



System Reference

RESOURCES:
System Presets Ch 1

Modifying Hospital or Clinic Name

To change the hospital name:

1. Press the **Presets** key located on the keyboard or select the **Presets** button at the bottom of the image screen.
The system displays the system **Presets** menu.
2. Select **Basic System**.
3. Select the **Organization** drop-down menu and do one of the following:
 - If the hospital name is listed in the drop-down menu, select the name.
 - If the hospital name is not listed in the drop-down menu, select **new** from the drop-down menu and enter the name of the hospital or clinic using up to 64 characters. Select **OK** to add the name to the list.
4. Select **OK** to save the changes.
5. To exit the Preset menu, press the **Presets** key.



Basic System

Setting System Date and Time

The date is displayed numerically on the image screen. If it is necessary to reset the current date or time, you can enter a new date and time. You can also select the format in which the date displays on-screen: Day/Month/Year or Month/Day/Year.

To accommodate a Daylight Savings Time change, the system time can be offset by adding (+) or subtracting (-) one hour.

Note: To view your changes to the image screen, unfreeze the system.

To select the date or time format:

1. Press the **Presets** key located on the keyboard or select the **Presets** button at the bottom of the image screen.

The system displays the system **Presets** menu.

2. Select **Basic System**.
3. In the **Format** section, do one or both of the following:
 - To change the format for displaying the time, select a format from the **Time Format** drop-down menu.
 - To change the format for displaying the date, select a format from the **Date Format** drop-down menu.
4. Select **OK** to save the changes.
5. To exit the Preset menu, press the **Presets** key.

To change the system date or time:

1. Press the **Presets** key located on the keyboard or select the **Presets** button at the bottom of the image screen.
- The system displays the system **Presets** menu.
2. Select **Basic System**.
 3. In the **Organization** section, do one or both of the following:
 - To change the date, enter the new date into the **Date** fields.
 - To change the time, enter the new time into the **Time** fields.
 4. Select **OK** to save the changes.
 5. To exit the Preset menu, press the **Presets** key.



System Reference

RESOURCES:
System Presets Ch 1



Basic System