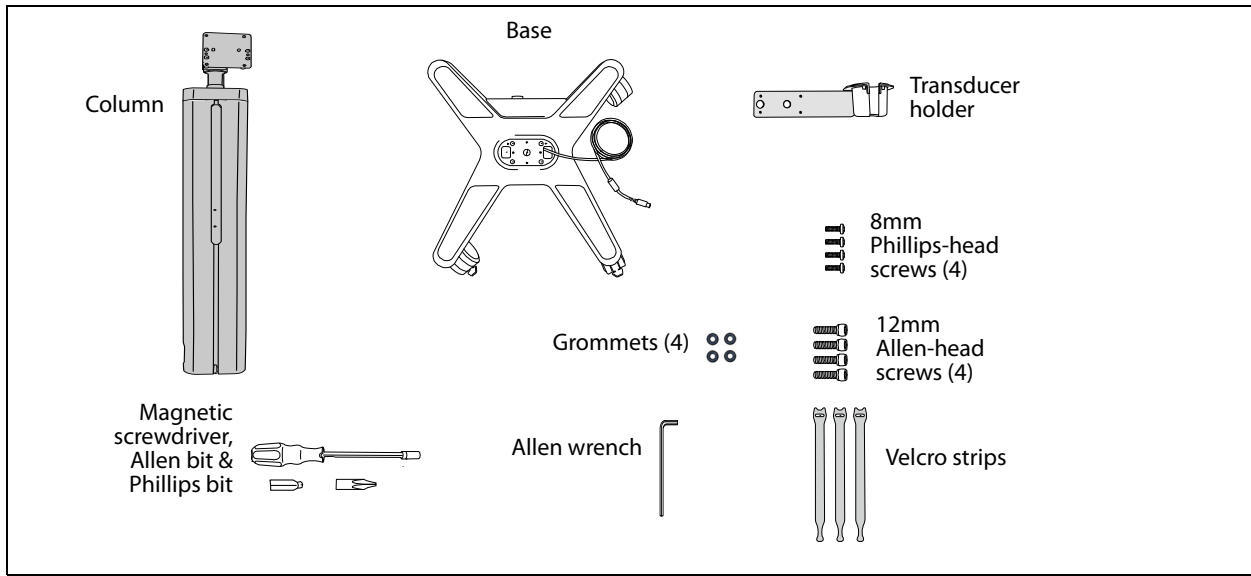


# S Series Stand

## Assembly Instructions

### Contents

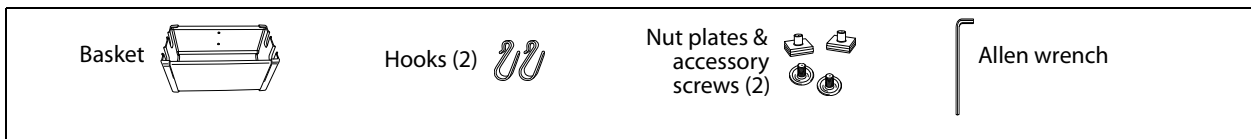
#### Stand



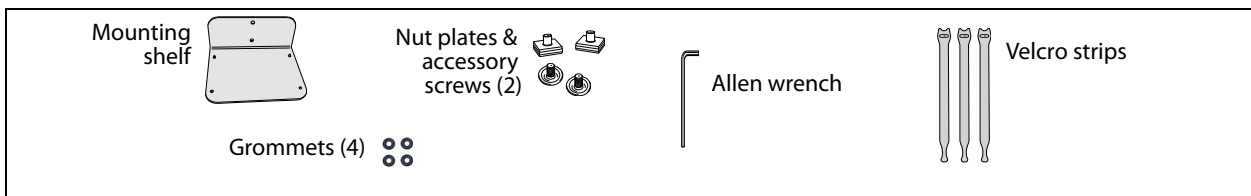
#### Tray (Optional)



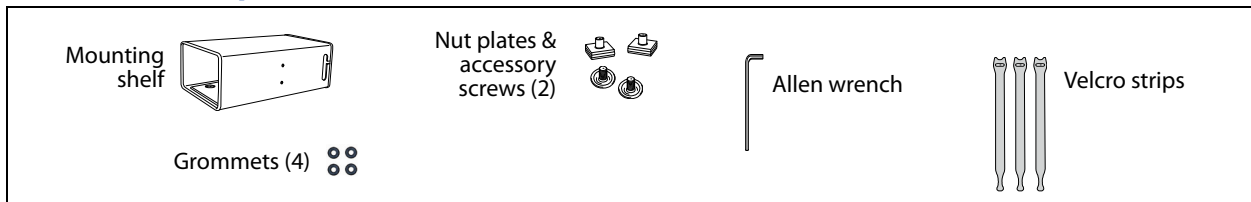
#### Basket (Optional)



#### Printer (Optional)



#### DVD recorder (Optional)



## Overview

Assembly for the S Series™ Stand (stand) includes the base, column, transducer holder, optional tray, and optional basket.

You can also install optional peripherals: printer or DVD recorder.

Assembly is easiest with more than one person.

See the *S Series Stand User Guide* for information on setting up the ultrasound system to use accessories and peripherals and for information on cleaning and disinfecting.

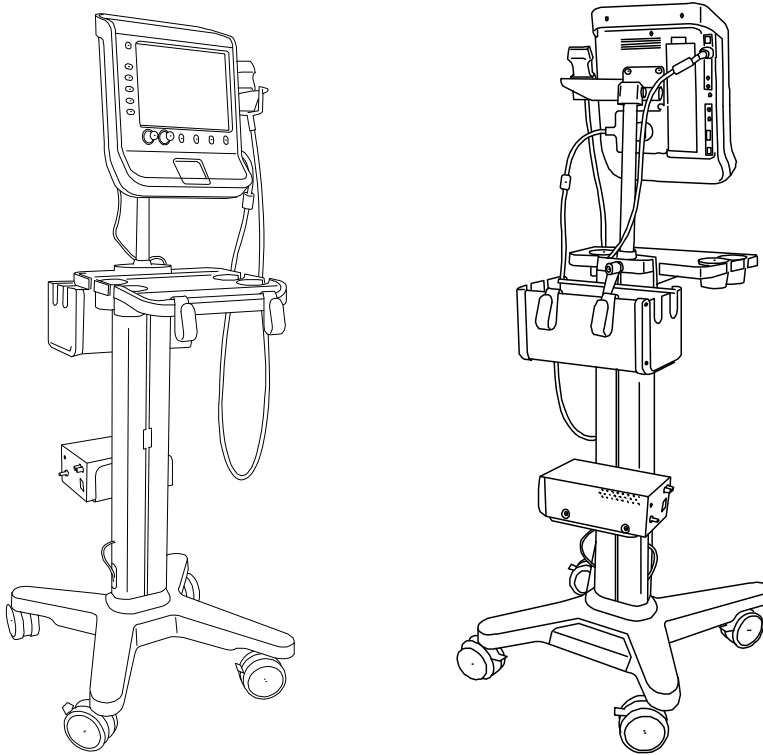


Figure 1 Assembled S Series Stand with system and optional printer, basket, and tray: Front (left) and back (right)

### 1 Lock wheels

- ❖ Press down the lever on two or more wheels.

### 2 Connect AC Cord (Printer or DVD Recorder Only)

- 1 Insert the AC power cord (**J**) through the top of the base:
  - Insert the end that has prongs.
  - Insert into the opening opposite the DC power supply cord (**A**). See [Figure 2](#).
- 2 Turn the base over for access to the plate on the bottom. See [Figure 3](#).
- 3 Insert the Phillips bit into the magnetic screwdriver.
- 4 Using the magnetic screwdriver, loosen the four screws and remove the plate.
- 5 While keeping the power supply and Y-splitter in place, connect the AC power cord. See [Figure 4](#).  
The power supply and Y-splitter are not secured to the base when the plate is removed.
- 6 Make sure that the power supply and Y-splitter are in the correct position, and place the plate back onto the base. Tighten the screws.

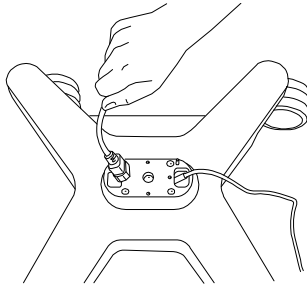


Figure 2 Insert AC power cord.

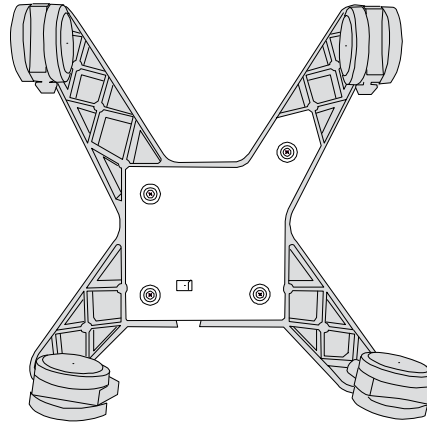


Figure 3 Turn base over.

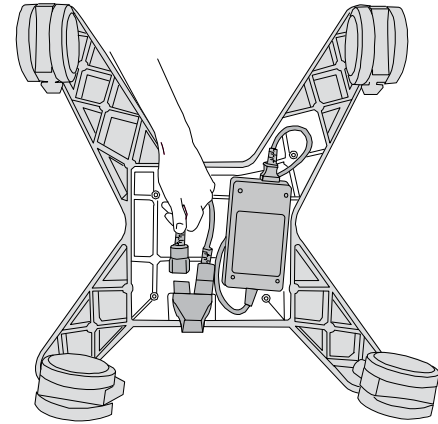


Figure 4 Connect AC power cord.

### 3 Attach column to base

- 1 Orient the back of the column with the back of the base.  
The back of the base has the SonoSite logo. The back of the column has a lever at the top.
- 2 Without pinching the DC power cord (and AC power cord if present), slide the column onto the two pegs on the base. Place the cord or cords in the side grooves of the column.
- 3 Insert the Allen bit into the magnetic screwdriver.
- 4 Place a 12mm Allen-head screw onto the magnetic screwdriver. See [Figure 5](#).  
Placing the screw onto the magnetic screwdriver prevents the screw from falling into the stand.
- 5 Insert the screw into the hole at the lower front of the column, and tighten.  
The last few turns require additional force because of a special coating on the screws. The coating helps prevent them from loosening.
- 6 Using the magnetic screwdriver, insert and tighten the three additional 12mm Allen-head screws into the column: one at the back, and one on each side. See [Figure 6](#).

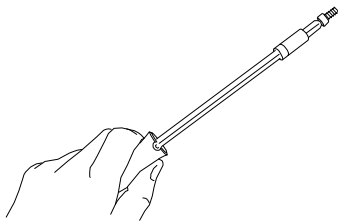


Figure 5 Place screw onto magnetic screwdriver.

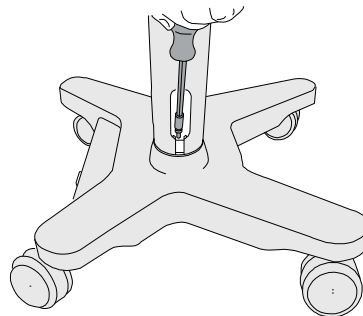


Figure 6 Tighten screws (side shown).

### 4 Attach tray (Optional)

- 1 Position the tray against the front of the column, aligning the two holes.
- 2 Insert the two 40mm Allen-head screws, and tighten them with the magnetic screwdriver (with the Allen bit). See [Figure 7](#).
- 3 Attach hooks to the front of the tray.  
The smaller bend attaches to the tray. The large bend hangs outward. See [Figure 8](#).

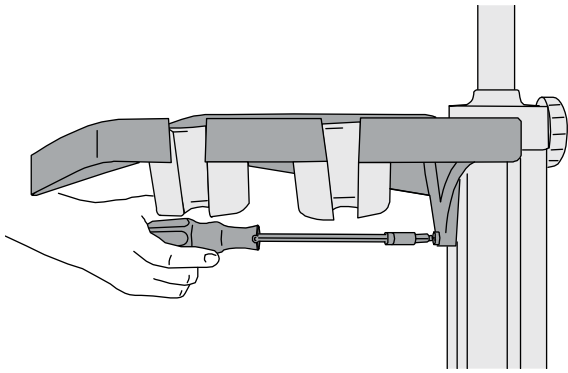


Figure 7 Tighten tray.

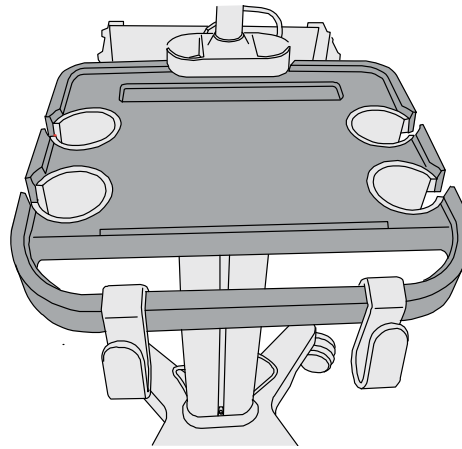


Figure 8 Hang hooks on tray.

## 5 Attach basket (Optional)

### Insert nut plates

- 1 Insert a nut plate into the groove at the lower back of the column, and slide it up the column. See [Figure 9](#) and [Figure 10](#).  
The flat, rubber side of the plate faces toward the column.
- 2 Insert the second nut plate, and slide it up the column.

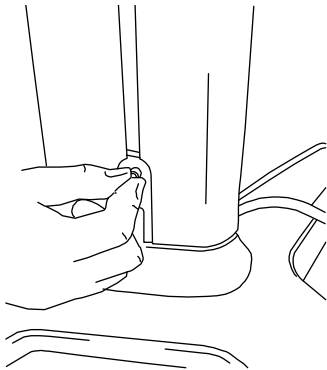


Figure 9 Insert nut plate.

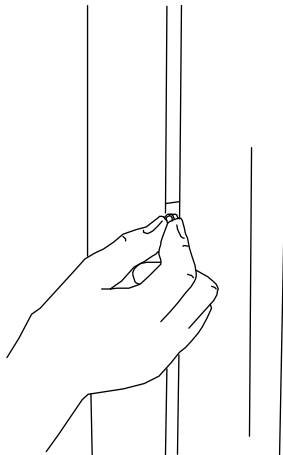


Figure 10 Slide nut plate up column.

### Position basket

- 1 Position the two nut plates where desired. Make sure that their spacing accommodates the two holes on the basket.
- 2 Place the side of the basket that has two holes onto the column.  
The two nuts pass through the two holes on the basket.
- 3 Using the Allen wrench, tighten an accessory screw in each of the two holes on the basket.
- 4 Attach hooks to the basket.  
The smaller bend attaches to the basket. The large bend hangs outward.

## 6 Attach mounting shelf and peripheral (Printer or DVD recorder)

**WARNING:** To avoid the risk of electrical shock or injury, do not connect both the printer and DVD recorder on the S Series stand.

- 1 Insert nut plates. See “Insert nut plates” on page 4.
- 2 Position the two nut plates where desired. Make sure that their spacing accommodates the two holes on the side of the printer or DVD recorder mounting shelf.  
You can attach either side of the DVD recorder mounting shelf, but make sure that the four pre-installed screws for the DVD recorder feet are on the bottom.
- 3 Place the mounting shelf (the side with two holes) onto the column.  
The two nuts pass through the two holes on the mounting shelf.
- 4 Using the Allen wrench, tighten an accessory screw in each of the two nuts on the mounting shelf. See [Figure 11](#).
- 5 Place the device onto the mounting shelf, and secure it by turning the four pre-installed screws on the bottom of the shelf.

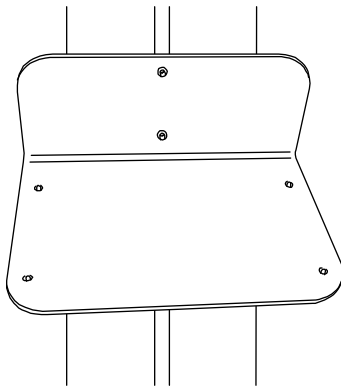


Figure 11 Install mounting shelf on column (printer mounting shelf shown).

## 7 Attach transducer holder to system

- 1 Place the transducer holder on the back of the system, with the cup facing toward the front.  
The two flat pegs above the transducer connector pass through the large holes on the holder.
- 2 Insert the Phillips bit into the magnetic screwdriver
- 3 Using the magnetic screwdriver, tighten the four 8mm Phillips-head screws. See [Figure 12](#).

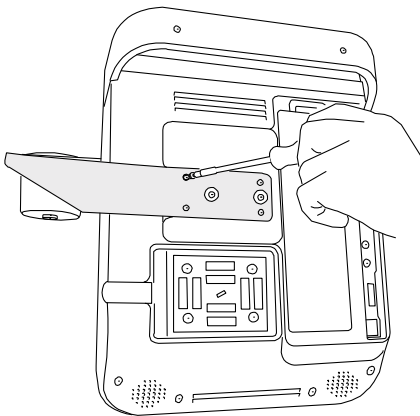


Figure 12 Tighten transducer holder.

## 8 Attach system to stand

- 1 Place the back of the system onto the mounting plate.  
The two pegs on the mounting plate pass through the transducer holder and into the two large holes on the system.
- 2 Tighten the screw in each corner of the mounting plate.  
After tightening by hand, tighten with a screwdriver. See [Figure 13](#) and [Figure 14](#).

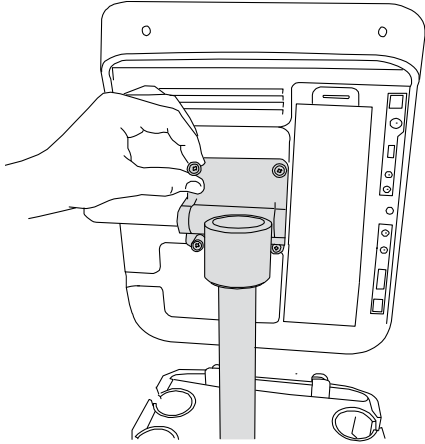


Figure 13 Tighten screws on mounting plate.

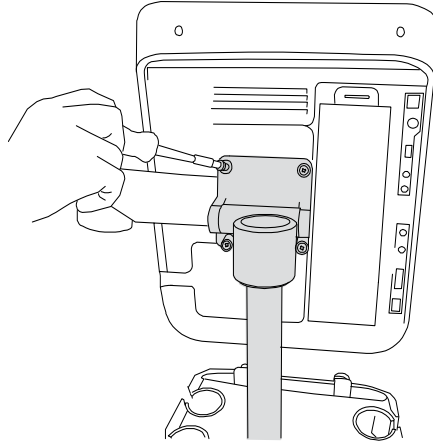


Figure 14 After tightening by hand, tighten with a screwdriver.

## 9 Connect cables

See also “Connectivity” on page 7.

- 1 (Printer) Attach the following cables:
  - Print control cable (**H**). Insert the ferrite end of the cable into the system.
  - Printer AC power cord (**J**)
  - Composite video cable (**C**)
- 2 (DVD recorder) Attach the following cables:
  - AC power cord (**I**)
  - S-video cables (**B**)(**B**). Insert the ferrite end into the system.
  - RS-232 cable (**E**), with adapter (**G2**)
- 3 Connect the DC power supply cord (**A**).
- 4 Connect the system power cord (**K**) to a hospital-grade electrical outlet.

## 10 Configure system (Printer or DVD recorder)

- ❖ On the Connectivity setup page, do the following:
  - (Printer) Click the printer in the **Printer** list.
  - (DVD recorder) In the **Video Mode** list, select the appropriate video format: **NTSC** or **PAL**. In the **Serial Port** list, click **DVD**. Click **Yes** to restart the system.

## 11 Secure cables

- 1 Place the system cable into the groove on either side of the column.
- 2 (Printer or DVD recorder) Fold excess cable behind the device, and insert the cables into the groove on either side of the column. Place grommets in the column near the top. See [Figure 15](#).  
Grommets help keep the cables in the column.
- 3 Secure any loose cables with Velcro strips as needed.

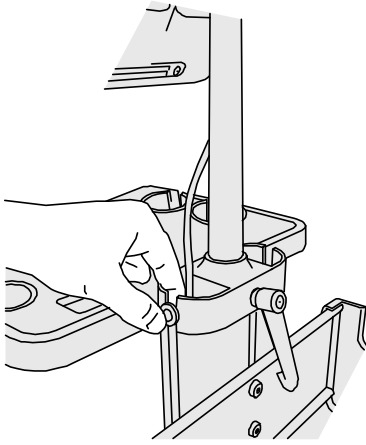


Figure 15 Place grommets.

## Connectivity

**WARNING:** To avoid the risk of electrical shock or injury, do not connect more than one peripheral at a time on the S Series Stand.

To avoid the risk of a shock hazard, do not plug the power cord of the S Series Stand into a multiple portable socket outlet (MPSO) or use an extension cord.

**Caution:** To avoid damaging the system, use only peripherals recommended by SonoSite with the ultrasound system.

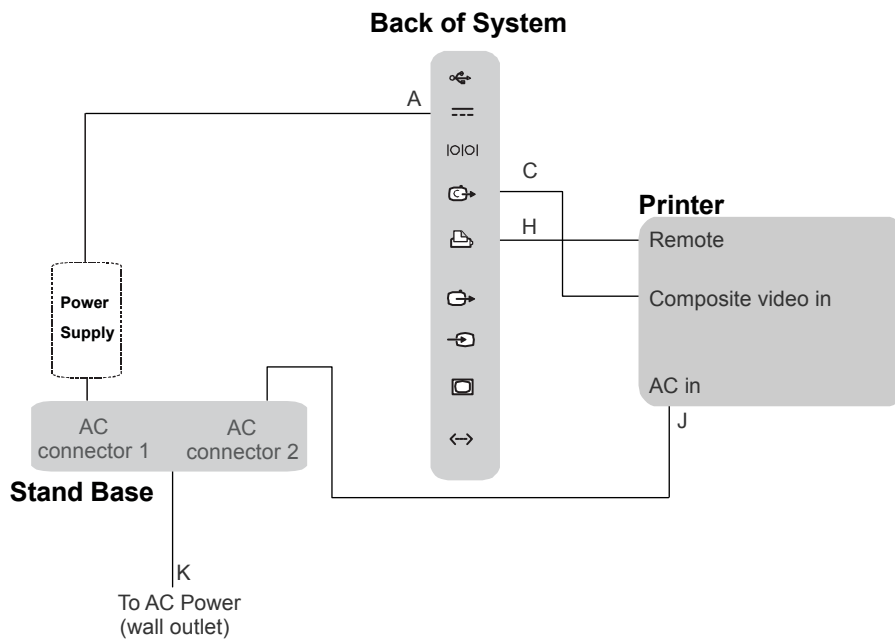


Figure 16 Connectivity of ultrasound system and printer

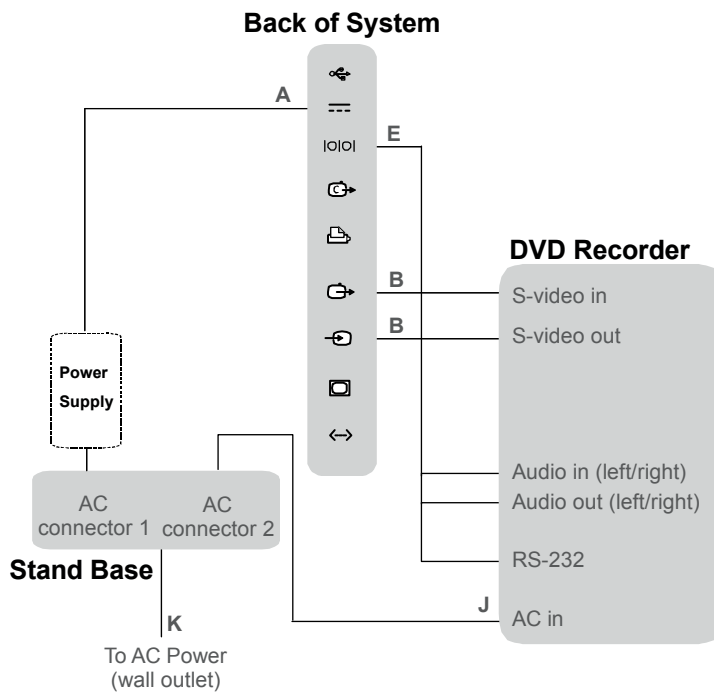


Figure 17 Connectivity of ultrasound system and DVD recorder

**Table 1: Connectivity Symbols on Back and Side of System**

Symbol	Definition	Symbol	Definition
	DC input		S-video out
	Print control		S-video in
	USB		DVI video out
	Ethernet*		Composite video out
	RS-232 (DVD recorder)		Audio out



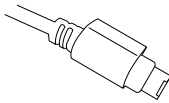


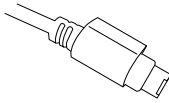

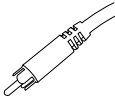
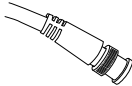

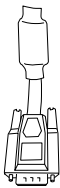
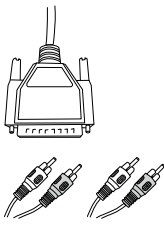

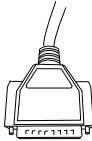


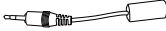


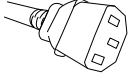
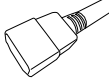

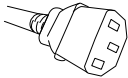
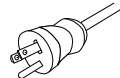
\* Not currently supported

**Table 2: Manually Installed Cables and Connectors**

Letter	Name	Illustration	Connector 1 [[Illustration] [Connects to]	Connector 2 [[Illustration] [Connects to]
A	DC power supply cord 6.8 ft./2 m	See "Overview" on page 2	 System	Pre-installed



**Table 2: Manually Installed Cables and Connectors (Continued)**

<b>Letter</b>	<b>Name</b>	<b>Illustration</b>	<b>Connector 1</b> [[Illustration] [Connects to]	<b>Connector 2</b> [[Illustration] [Connects to]
<b>B</b>	S-video cable (playback) 6 ft./1.8 m		 System	 DVD recorder
<b>B</b>	S-video cable (record) 6 ft./1.8 m		 System	 DVD recorder
<b>C</b>	Composite video cable 6 ft./1.8 m		 System	 DVD recorder
<b>E</b>	RS-232 cable (control/audio) 6.5 ft./2 m		 System	 DVD recorder
<b>G2</b>	DVD adapter 12 in./30.5 cm		 RS-232 cable	 DVD recorder
<b>H</b>	Print control cable 6 ft./1.8 m		 System	 Printer
<b>J</b>	AC power cord 39 in./1 m		 Printer or DVD recorder	 AC connector 2 (under stand base)
<b>K</b>	System AC power cord 10 ft./3 m (Ships separately)		 AC connector 1 (stand base)	 Wall outlet

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The SonoSite ultrasound system(s) referenced in this document may be covered by one or more of the following U.S. patents: 5722412, 5817024, 5893363, 6135961, 6203498, 6364839, 6371918, 6383139, 6416475, 6447451, 6471651, 6569101, 6648826, 6575908, 6604630, 6817982, 6835177, 6962566, 7169108, 7449640, 7534211, 7549961, 7588541, 7591786, 7604596, 7643040, D456509, D461895, D509900, D538432, D544962, D558351, D559390, D591423, D592750, D592760, and by the following counterpart foreign patents: AU727381, AU730822, CA2372158, CA2373065, CN ZL 97113678.5, CN ZL 98106133.8, CN ZL 98108973.9, CN ZL 200830007734.8, DE60021552.0, DE60029777.2, DE60034670.6, DE69730563.5, DE6980539.6, DE69831698.3, DE60 2004 23 816.3-08, FR0815793, FR0875203, FR0881492, FR1175713, FR1180970, FR1589878, GB0875203, GB0881492, GB1175713, GB1180970, GB1180971, GB1589878, IT0815793, IT0881492, IT1175713, IT1589878, KR528102, KR532359, NO326202, NO326814, NZ542968, RCD000897368-0001, SP0815793, SP0881492, SP1589878. Patents pending.

**Caution:**

Federal (United States) law restricts this device to sale by or on the order of a physician.

**SonoSite, Inc.**  
21919 30th Drive SE  
Bothell, WA 98021 USA  
T: 1-888-482-9449 or  
1-425-951-1200  
F: 1-425-951-1201

**SonoSite Ltd**  
Alexander House  
40A Wilbury Way  
Hitchin, Herts  
SG4 OAP UK  
T: +44-1462-444800  
F: +44-1462-444801

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