

QUICK START GUIDE

SL-6

Powering and Wireless System
for the 688 Field Production Mixer



SOUND  **DEVICES**

Welcome

Thank you for purchasing the SL-6, the powering and wireless system that simplifies interconnection between the 688 field production mixer and up to three dual-channel, slot-in receivers, reducing cable requirements and de-cluttering sound mixers' bags.

The optional SL-6 accessory attaches directly to the top of the 688 and accepts both unislot and SuperSlot-compatible receivers. When used with SuperSlot-compatible receivers, the 688 gains fully integrated control of the receivers (sold separately). The SL-6 also provides a USB charging port, two 12V isolated outputs, and two non-isolated direct battery outputs for powering additional devices.

Your purchase includes:

QUANTITY	ITEM
1	SL-6 powering and wireless system
3	Wireless receiver mounting gaskets
2	BNC to SMA connection adapters
>1	Promo stickers
1	Product registration card
1	SL-6 Quick Start Guide

This Quick Start Guide provides the necessary steps to set up and begin using your SL-6 with your mixer right out of the box. It also provides a brief overview of features, warranties and licensing information.

Fill In and Keep for Your Records

PRODUCT: _____

SERIAL NUMBER: _____

PURCHASE DATE: _____

STORE/RETAILER: _____

Sound Devices recommends keeping your receipt, as well.

Read and Register...

Sound Devices strongly encourages you to register your product. Registration ensures you will receive timely product updates.

For a full description of all product features, user-based procedures, specifications, and safety information, please refer to the product's full User Guide located on the Sound Devices website; use the QR code or respective link to access the guide.

Full User Guide:



http://www.sounddevices.com/download/guides/sl-6ug_en.pdf

Register Your SL-6:



www.sounddevices.com/support/registration/

Email Support:



support@sounddevices.com

Call Support:



1-608-524-0625
1-800-505-0625

SL-6 Key Features

- Accepts three dual-channel slot-in wireless receivers for a total of six channels
- Compatible with existing unislot and SuperSlot™ wireless receivers

Note: Visit SuperSlot.org/products for a list of SuperSlot-compatible receivers.

- Ability to set SuperSlot-compatible receiver parameters from the mixer.

Note: Parameter availability depends on the model of the receiver.

- Ability to monitor SuperSlot-compatible receiver parameters from the mixer, such as transmitter battery levels, RF level, pilot tone, and active antenna.
- Accepts analog or digital audio, depending on wireless receiver.
- Built-in antenna signal distribution and filtering
- NP-1 battery slot and external DC input for powering the mixer, receivers, and external peripherals
- USB charging port
- Two 12V isolated outputs
- Two non-isolated direct battery outputs
- PowerSafe™ circuitry offers smart sensing of available power sources, front panel warning indication of power loss, and an integrated 10-second power reserve that will, in the event of an inadvertent power loss, allow the SL-6 to safely and automatically shut down the receivers and peripherals. If power source is reapplied within the 10-second interval, shutdown is canceled.
- Routing of receiver outputs to mixer inputs



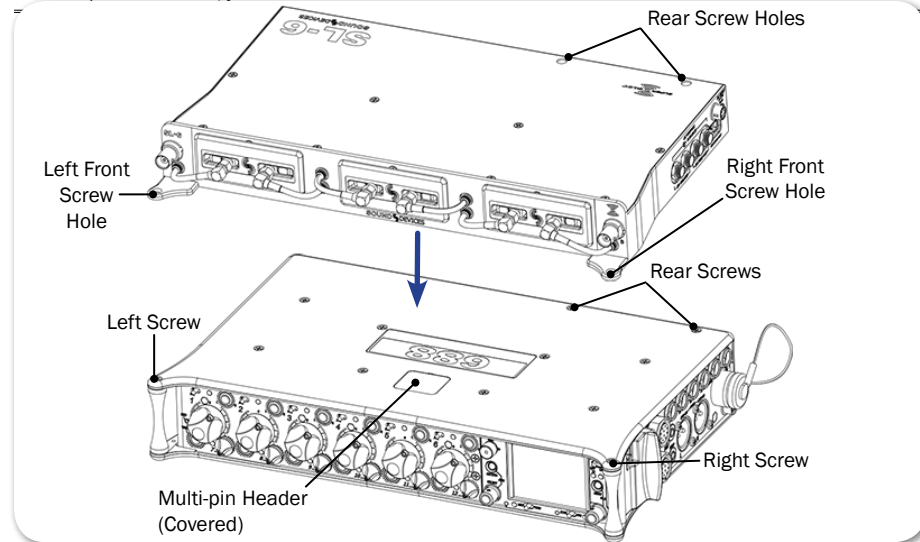
1. Attach SL-6 to the 688

The SL-6 can be connected only to the top panel of the 688 mixer. Tools needed to attach the accessory to your mixer include a small Phillips® (cross-head) screwdriver and a flat tool, such as a jeweler's screwdriver.

To attach the SL-6:

1. Turn the mixer off and disconnect power supply and batteries. Do not connect the SL-6 with mixer on or power sources connected.
2. Remove the disposable protective cover over the multi-pin header from the top panel of the mixer, using a small flat tool. (A jeweler's screwdriver works well.) The protective cover is attached with adhesive.
3. Remove the right and left screws from the front corners of the mixer and the two rear screws along the back right edge of the mixer's top panel.

Note: Keep all four screws; you will need to reuse them to attach the SL-6.



4. Connect the supplied ribbon cable to the multi-pin header on the SL-6.
5. With the mixer positioned on a flat, stable surface, hold the SL-6 in hand, and connect the other end of the ribbon cable to the mixer.
6. Insert the excess ribbon cable into the cavity behind the header on the SL-6 while lowering the SL-6 into position, aligning the screw holes on both devices. Ensure the ribbon cable is fully within the cavity and not pinched between the SL-6 and mixer.
7. Using a screwdriver, drive the four screws through the SL-6 and into the mixer—two into the rear locations along the back right edge of the top panel and two others into the right and left front corners.

2. Mount Receivers and Attach Antennas

The SL-6 works with standard unislot and SuperSlot-compatible, dual-channel slot-in receivers. It also provides powering, audio interconnection, and antenna signal distribution, plus it provides control of SuperSlot-compatible receivers. Before mounting your receivers, you must remove the rubber slot covers that come with the SL-6 accessory.

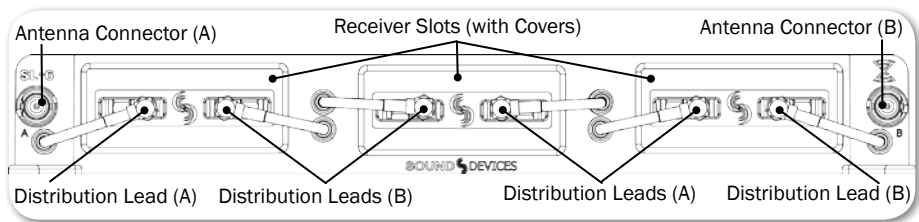
To remove rubber slot covers:

- ▶ Pull both antenna distribution leads from each cover and then pull out the rubber covers to expose the slots for wireless receivers.

Procedures for mounting different models of receivers into slots on the SL-6 may vary; refer to the receiver manufacturer's documentation for proper mounting instructions.

To attach antennas:

- ▶ Screw each antenna directly onto the BNC antenna connectors located on the right and left side of the SL-6 front panel.



3. Connect Power

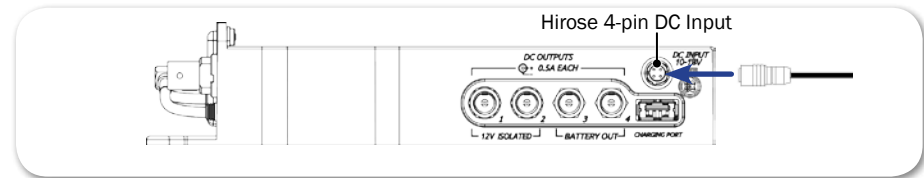
The SL-6 has two options for power source:

- NP-1 Battery
- External DC power

If both power sources are connected, the SL-6 will use the source selected in the POWER > SL-6 Primary Source setting first—by default, this is set to NP-1. The SL-6 also features PowerSafe which provides a 10-second reserve in the event of inadvertent power loss.

To connect the SL-6 to external power:

- ▶ Connect a DC power source (not included) to the 6-17 VDC input on the right panel.



Note: Pin-4 of the locking, Hirose connector is positive (+) and pin-1 is negative (-).

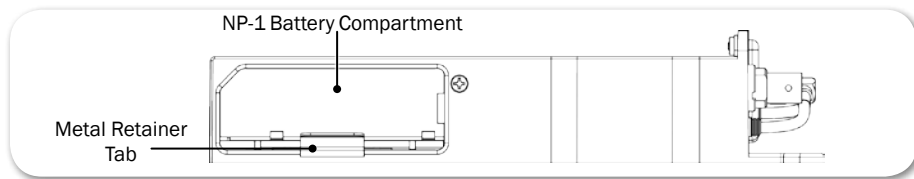
When the SL-6 is attached, it becomes the master power source for the mixer, receivers, and attached peripherals.

While the 688 may be connected to other power sources, the 688 does not provide power to the SL-6. Instead, the SL-6 provides power to the 688, its wireless receivers, and any peripherals attached to its DC outputs and USB port. Run times will vary depending on how many devices are connected. The power outputs on the right panel of the SL-6 may be turned off via the POWER > SL-6 Power Outputs.

Note: If the 688 is powered on, but no power source is provided to the SL-6, the SL-6 menu options on the mixer will appear but be disabled.

To insert the NP-1 battery:

1. Pull out the metal retainer tab.
2. Slide the battery into the NP-1 battery compartment, located on the left panel of the SL-6, until the metal retainer tab locks into place.



To remove an NP-1 battery:

- ▶ Press down on the metal retainer tab and pull out the battery.

To power on the SL-6:

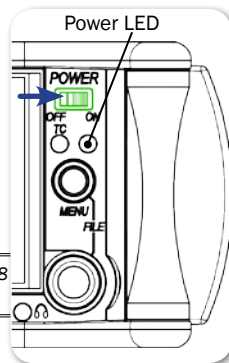
- ▶ Flip the Power switch on the mixer to the ON position (as shown here).
The Power LED on the mixer illuminates yellow then green.

With the SL-6 attached to the 688, the SL-6 becomes the powering distribution for the receivers, the mixer, and any other peripherals attached to its power connections.

Note: The SL-6 will also power the CL-6 accessory if it is affixed to the bottom of the 688 mixer.

Like the mixer, the SL-6 has PowerSafe technology, so if all power is lost to the SL-6, a 10-second power reserve would deploy to allow for the safe shutdown of the receivers and attached peripherals. This shutdown procedure would only apply to the mixer if, at the time of power loss to the SL-6, the mixer itself did not have any power source in place. If the mixer has been supplied with separate battery or DC power, then the mixer would continue operating under its own power and provide power to the CL-6 accessory, if attached.

Note: The 688 does not provide power to the SL-6, its receivers, or any peripherals attached to the SL-6.



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Declaration of Conformity

According to EN ISO/IEC 17050-1:2004



Manufacturer's Name: Sound Devices, LLC
Manufacturer's Address: E7556 State Road 23 and 33
Reedsburg, WI 53959
USA

Declares under sole responsibility that the product as delivered

Product Name: SL-6 Powering and Wireless System
Model Number: SL-6
Product Options: This declaration covers all options of the above product.

complies with the essential requirements of the following applicable European Directives, and carries the CE marking accordingly:

EMC Directive (2004/108/EC)
EN 55022:2010
EN 55103-2:2009

First date of CE approval June 4, 2015.

This Declaration of Conformity applies to the above-listed product(s) placed on the EU market after:

June 4, 2015

Date

A handwritten signature in black ink, appearing to read 'Matt Anderson'.

Matt Anderson
President

Warranty and Service

Sound Devices, LLC warrants the SL-6 against defects in materials and workmanship for a period of ONE (1) year from date of original retail purchase. Users who register their product directly with Sound Devices Technical Support by mail, online, or phone, will receive an additional ONE (1) year of warranty coverage, extending the complete warranty period to TWO (2) years from the date of original retail purchase. In order to extend the warranty coverage period, registration must be completed within the initial ONE (1) year warranty period. Products must be purchased through authorized Sound Devices resellers to qualify for Warranty coverage. Damage resulting from the opening of a Sound Devices product or attempted repairs by a non-authorized Sound Devices repair technician will void warranty coverage.

This is a non-transferable warranty that extends only to the original purchaser. Sound Devices, LLC will repair or replace the product at its discretion at no charge. Warranty claims due to severe service conditions will be addressed on an individual basis.

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Sound Devices, LLC
Service Repair RMA #XXXX
E7556 State Road 23 and 33
Reedsburg, WI 53959 USA
Telephone: (608) 524-0625

Technical Support / Bug Reports

For technical support and bug reporting on any Sound Devices products contact Sound Devices, LLC at:

E-mail: support@sounddevices.com
Website: www.sounddevices.com/support/

Phone: +1 (608) 524-0625
Toll-free: +1 (800) 505-0625 — in USA only
Fax: +1 (608) 524-0655

Sound Devices also hosts a user support forum. Visit: <http://forum.sounddevices.com>

Legal Notes

Product specifications and features are subject to change without prior notification.

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Trademarks

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FCC Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Part 15.19(a)(3)

www.sounddevices.com

Part # 6140.001

