

SR Battsled & Adapters

TECHNICAL DATA

For SR Series Receivers

Models Available

All versions of the SR receiver can be powered by rechargeable and dry cell batteries by using the battery sled and 9 volt battery adapter. The units are constructed of machined aluminum to maintain the ruggedness and mechanical integrity of the SR receiver.

SRBATTSLEDTOP

A "battery sled" that positions the battery on top of the receiver for mounting on the top of the camera with the LCD and rear panel nomenclature oriented correctly.

SRBATTSLEDBOTTOM

A "battery sled" that positions the battery on the bottom of the receiver for mounting on the bottom of the camera with the LCD and rear panel nomenclature oriented correctly.

SR9VBP

This optional adapter provides reliable power and backup from 9 volt alkaline or rechargeable batteries. It mounts onto the battery sled with the same connections as the rechargeable video camera batteries.

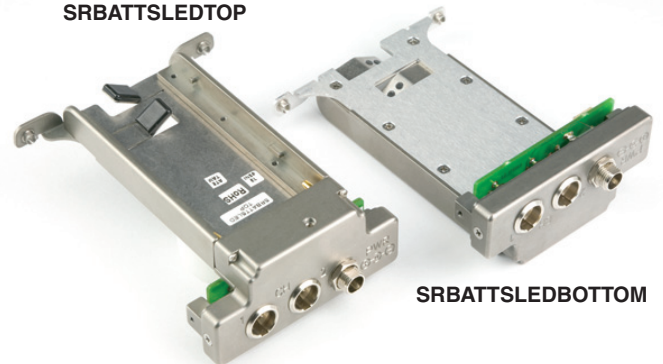
DO NOT CONNECT THE SR9VBP TO A BATTERY CHARGER. Use only two same type 9V batteries in SR9VBP.

The battery sled allows direct mounting of L and M type rechargeable video camera batteries for stand-alone or on-camera use. The adapter includes two balanced outputs with TA3M connectors and a locking power jack with an integral circuit that automatically selects the battery or external source. The charger supplied with the battery sled must be used since the battery sled does not include charging circuitry.

Battery Life

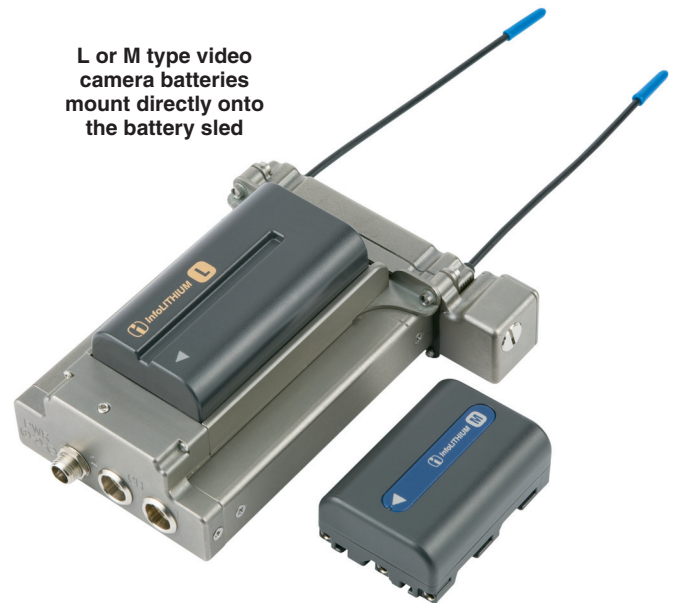
- The SR receiver operating time with a NP-F570 slim L series battery at full charge is approximately 12 hours. The operating time will typically decrease over the useful life of a rechargeable battery.
- Battery life with two Energizer 9 volt alkaline batteries in the optional adapter is approximately 5 hours. The operating time will vary with different brands of alkaline 9V batteries.
- Two LiPolymer 9 volt rechargeable batteries will operate the SR for approximately 6 hours. The operating time will typically decrease over the useful life of a rechargeable battery.

SRBATTSLEDTOP



SRBATTSLEDBOTTOM

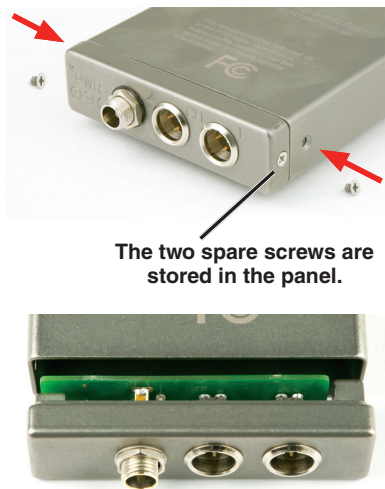
L or M type video camera batteries mount directly onto the battery sled



Two 9 volt alkaline batteries in the SR9VBP will provide about 5 hours of operation

Removing Rear Panel Adapters

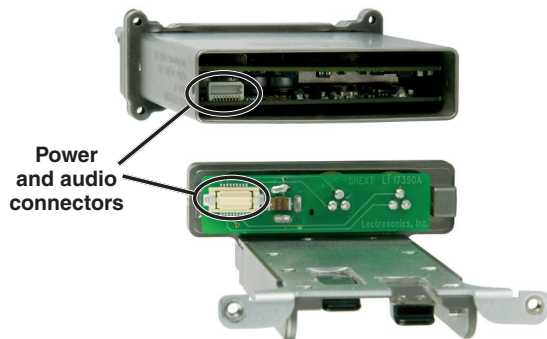
Remove the two phillips head screws (see arrows) that secure the panel to the sides of the receiver housing, then slide the connector panel straight out.



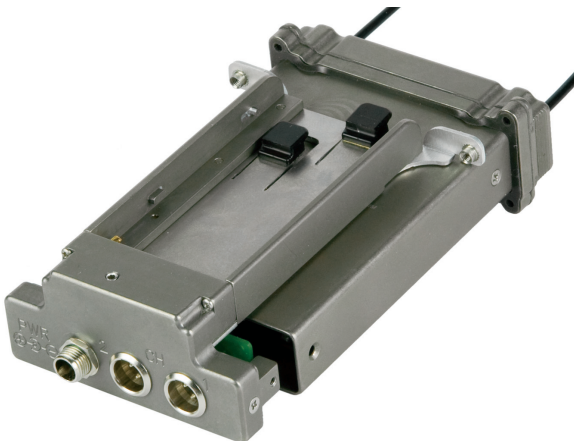
Removal is the same for all versions of the adapters.

Installing the SRBATTLED

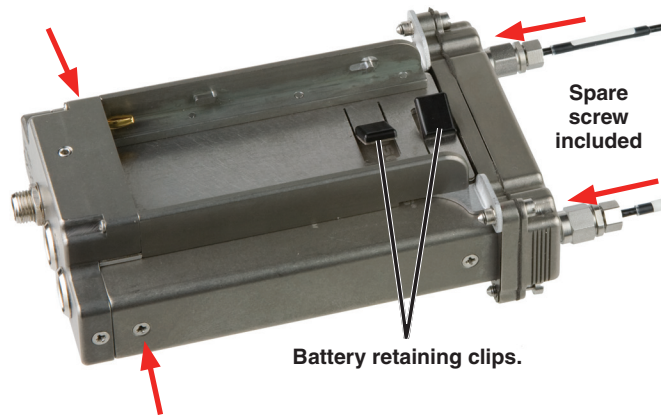
Orient the battery sled so that the power and audio connectors will mate when the sled is inserted.



Slide the battery sled adapter into the end of the SR and gently seat it into place with the rear panel flush with the housing.



Install and tighten the two side panel and two top panel screws as shown below.



Audio Output Connectors

A standard TA3 female connector fits the output jacks on the SRBATTLED. Connectors are available in straight or right angle versions such as the one shown below.

The optional RATPAC connector is supplied in a kit that allows a variety of configurations to route the audio output cables through a comfortable and secure path.

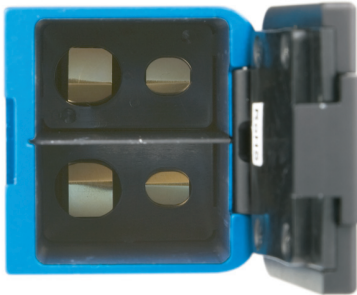


SR9VBP 9 Volt Battery Adapter

This optional adapter is mounted onto the battery sled for use as the primary power source or for backup of an external power supply. The housing and door are constructed of machined aluminum for lasting ruggedness.



Slide the latch plate in the center of the door outward and swing the door open for access to two 9 volt battery compartments. Polarity barriers in each battery compartment protect against inserting the battery backwards. The circuitry is also protected electrically.



A pressure plate on the battery door compresses the battery contacts to maintain a solid connection with the batteries.



The mechanical and electrical connections are the same as the rechargeable video camera batteries.



CAUTION:
DO NOT CONNECT
TO A BATTERY
CHARGER. USE
ONLY TWO SAME
TYPE BATTERIES.

SRSLEEVE On-camera Adapter

The optional SRSLEEVE adapter works with the battery sled to allow mounting the receiver on any flat surface with the supplied Velcro patch.



The sleeve is supplied with a Velcro swatch for mounting on a flat surface

The SRHARDWARE kit allows mounting the sleeve onto the camera cold shoe.

The kit is complete with everything needed for a variety of mounting options



The hardware kit includes a right angle adapter to mount the sleeve to the shoe of the camera in a horizontal or vertical orientation. A locking pin prevents rotation.



Hardware kit with sleeve allows horizontal or vertical mounting

Pictured is an example of top mounting using the SRSLEEVE, SRHARDWARE kit and custom built cables with RATPAC right angle connectors. The SMA right angle antenna adapters shown in the photo are part number 21793.



The camera shown is a Panasonic® AG-HMC150.

*Panasonic is a registered trademark of
Matsushita Electric Industrial Co., Ltd.*

Declaration of Conformity

LECTROSONICS, INC.
581 Laser Road
Rio Rancho, NM 87124 USA

Declare under our sole responsibility that the following product:

SRBATTSLEDTOP Battery Adapter for SR Receivers

to which this Declaration relates,

is in conformity with Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 (RoHS Recast).

Robert Cummings
V.P. Engineering
Lectrosonics, Inc.

19 March 2013

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Rio Rancho, NM 87124 USA

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