

Rechargeable Battery Pack



The DUOPACK is a rechargeable battery pack for SR Series receivers. Any version of the SR Series receivers may be used, including the 5P variants that have a TA5 audio output connector next to the front panel. Two lithium-polymer flat battery packs, one on each side of the assembly, provide enough capacity to operate the receiver for up to 17 hours per charge (11 hours for the SRC).

The balanced audio outputs are the same as those on the receiver itself. The power jack is a threaded, locking type that is used on many other Lectrosonics products.



A switch directs external power to either the battery charging circuitry or directly to the receiver.

- Enables “stand alone” use of SR/SR5P Series slot receivers
- Dual 3.7V Li-Poly 3000mAh batteries
- Up to 17 hours operating time per charge on SR, SRA, and SRB
- Up to 11 hours operating time per charge on SRC
- Built-in recharging circuitry
- Dual, balanced audio outputs



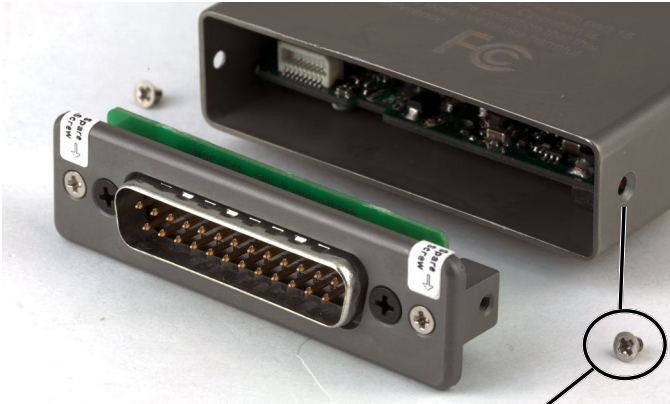
For use in a field production bag with the unit positioned vertically, a stand-off adapter is provided to prevent excess pressure on the connectors. The Lectrosonics RATPAC connector shown here is ideal for the audio outputs in this application.



Installing a Receiver

The SRDB25 rear panel (not included) must be installed on the receiver to interface with the battery pack. This is the same rear panel used in the SRSUPER adapter kit.

Install the rear panel adapter. Secure it with screws through the sides of the receiver housing.



Secure with screws through the sides of the housing.

Check the orientation of the DB25 connector inside the DUOPACK. Orient the connector on the receiver to match and insert the receiver into the battery pack.



The screws supplied with the SRSUPER AND SRSNY adapter kits will thread into the bezel on the DUOPACK to secure the receiver. Replacement screws are Lectrosonics P/N 28864.

Removing a Receiver

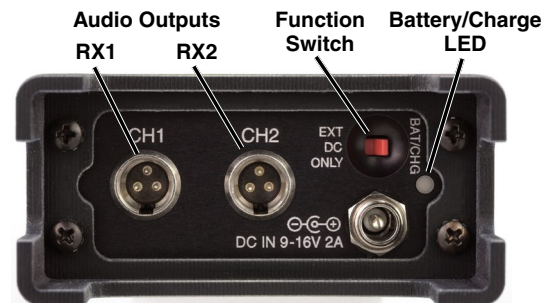
The friction of the pins in the DB25 connector is enough to make it difficult to remove a receiver without a tool. Use the supplied tool to pry the receiver upward to release the pins from the connector.

NOTE: Insert the wrench into the slot on the DUOPACK bezel to allow it to reach under the receiver front panel.



Connections and Function Switch Panel

The control and connector panel includes audio and power connectors, an operating mode switch and battery charging circuitry. The unit can be operated from the internal batteries with an external power supply connected, or from external DC only.



The Function Switch directs the external DC power to either the battery charging circuitry or directly to the receiver as follows:

- BAT/CHG directs the external DC power to the battery charging circuitry.
- EXT DC ONLY delivers the external DC power directly to the receiver, bypassing the battery charging circuitry and the battery itself. This switch position can also be considered an "OFF" switch that disconnects the receiver from the battery, which is useful when the unit is stored with a receiver installed.

NOTE: To keep battery from discharging, the Function Switch should be left in EXT DC ONLY when the unit is stored.

Function Switch in BAT/CHG Position

No external power source:

LED color	Status
OFF	Normal operation
RED	Battery low; 1.5 hours remaining

External power source connected:

LED color	Status
YELLOW*	Battery being charged
GREEN	Battery fully charged
FLASHING YELLOW	Battery charging fault condition

*NOTE: The LED will glow yellow when external DC is present and the receiver is turned on.

Function Switch in EXT DC ONLY Position

With an external power supply connected and the Function Switch in the EXT DC ONLY position, power will be delivered to the receiver directly from the external power supply instead of the battery. To view the voltage of the external source, press the PWR/BACK button on the receiver briefly. In this configuration, the Battery/ Charge LED on the DUOPACK will not be lit.



Press PWR/BACK briefly to view the external power voltage

Accessories Included with DUOPACK



NOTE: Battery Charger/Power Supply sold separately

Accessory Details



Power cable P/N 21747
Right angle locking connector; 6 ft. long



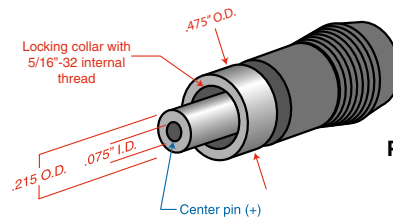
Power cable P/N 21746
Right angle locking connector; 12 in. long



Stand-off adapter P/N P1302 with four screws P/N 26800 4-40 x 1/4" Pan Phil SEMS.



Battery Charger/Power supply P/N DCR15/4AU
15V, 4.2A;
AC cord not included



Power connector dimensions



P/N P1246
Delrin (plastic) tool for removal of SR Series receivers and loosening SMA antenna connector nuts



SRDB25
Rear panel adapter



RATPAC right angle connector. Sold as a kit.

Specifications

Battery type:	(2) 3.7V Lithium Polymer 3000mAh
Operating time per charge:	Up to 17 hours (SR, SRA or SRB) Up to 11 hours (SRC)
Power requirements:	9 to 16VDC; 2A
Dimensions:	5.02 x 3.04 x 1.45 in. (126 x 77 x 37 mm)
Weight:	<ul style="list-style-type: none">• 13 ozs. (365 grams) without receiver• 19.6 ozs. (555 grams) w/ receiver and AMJ antennas

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. The equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications to this equipment not expressly approved by Lectrosonics, Inc. could void the user's authority to operate it.

