

Spectralink 87-Series
Quad Charger



Charging Instructions

The Battery Packs slide into the individual charging slots. The LED beside the charging slot indicates the charging status of the Battery Pack. The following table lists the LED indications and A discharged Battery Pack will take approximately 3 hours to fully charge.

LED Indication	Battery Pack Status
Solid red	Charging
Solid green	Fully charged
Off	Not properly seated or empty
Blinking red	High temperature or error

If there is an error and the LED is blinking red, the LED will continue to blink red—even when you remove the Battery Pack—until a Battery Pack without error is placed in the slot. Power cycling the unit will also clear the error indication.

CAUTION: OVERHEATED BATTERY PACKS
IF AN OVERHEATED BATTERY PACK IS DETECTED CHARGING WILL SUSPEND AND THE LED WILL BLINK RED. REMOVE THE BATTERY PACK AND LET IT COOL BEFORE ATTEMPTING TO CHARGE IT AGAIN.



Chargers and Battery Packs

The Quad Charger is designed to charge Spectralink 87-Series Battery Pack model DM351. It contains a lithium ion battery that is subject to certain usage characteristics as detailed below. Be sure to follow battery handling guidelines to ensure safe use and a long battery life.

- Chargers operate in a 50° to 86° F (10° to 30°C) environment. Do not expose them to freezing temperatures or direct sunlight.
- Do not place anything in the charging bay other than a single Battery Pack as appropriate to avoid bending the contacts. Bent contacts can keep the Battery Pack from charging.
- Only use genuine Spectralink 87-Series Battery Packs with Spectralink 87-Series Chargers.
- Never use a non-genuine charging unit as it could damage the Battery Pack.
- Use only the original plug-in power adapter for the chargers.
- Contact your service representative for assistance if you have a faulty Battery Pack or a problem with your charger.
- Any battery that exhibits swelling, cracking or other abnormality should be disposed of promptly and properly.

Contact Information

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Important Warnings

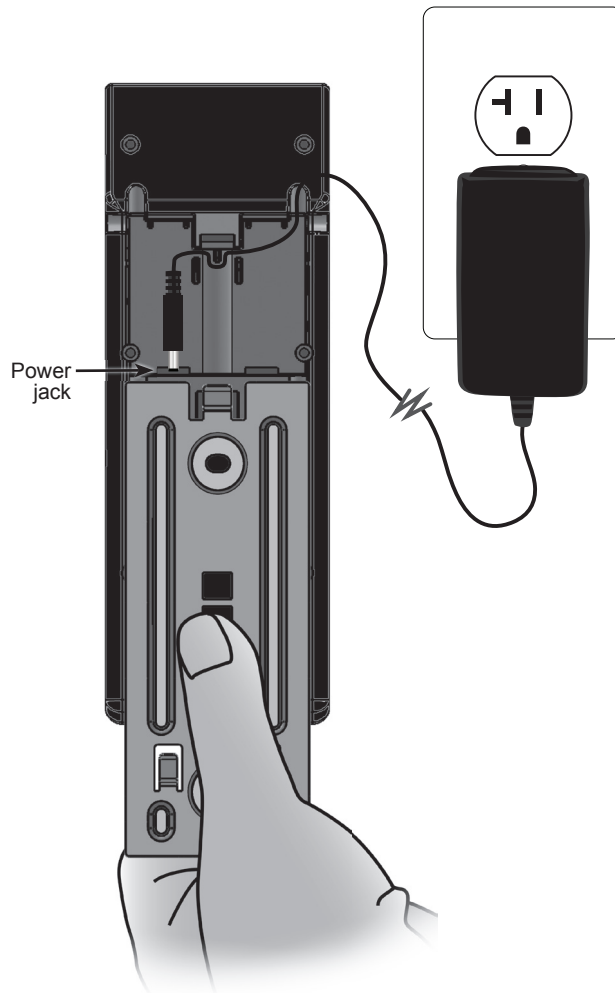
WARNING: DO NOT...
DO NOT IMMERSER THE BATTERY PACK IN WATER OR THROW IT INTO A FIRE.

WARNING: DO NOT...
DO NOT DISPOSE OF THE BATTERY PACK WITH YOUR DOMESTIC WASTE. TAKE USED BATTERY PACKS TO AN APPROPRIATE COLLECTION POINT FOR RECYCLING OR SEND THEM BACK TO YOUR SUPPLIER OR SERVICING AGENT.

WARNING: DO NOT...
ALL BATTERIES CAN CAUSE PROPERTY DAMAGE AND/OR BODILY INJURY, SUCH AS BURNS, IF A CONDUCTIVE MATERIAL SUCH AS JEWELRY, KEYS, OR BEADED CHAINS TOUCHES EXPOSED TERMINALS. THE CONDUCTIVE MATERIAL MAY COMPLETE AN ELECTRICAL CIRCUIT (SHORT CIRCUIT) AND BECOME QUITE HOT. EXERCISE CARE IN HANDLING ANY CHARGED BATTERY, PARTICULARLY WHEN PLACING IT INSIDE A POCKET, PURSE, OR OTHER CONTAINER WITH METAL OBJECTS.

WARNING: THE BATTERY USED IN THIS DEVICE MAY PRESENT A RISK OF FIRE OR CHEMICAL BURN IF DM351 ONLY. USE OF ANOTHER BATTERY MAY PRESENT A RISK OF FIRE OR EXPLOSION.

WARNING: EXPLOSION RISK
THE BATTERY PACK WITH AN INCORRECT TYPE, ONLY USE SPECTRALINK MODEL DM351 BATTERY PACKS WITH SPECTRALINK 87-SERIES WIRELESS HANDSETS. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.



Electromagnetic Interference and Compatibility

NOTE: ELECTROMAGNETIC INTERFERENCE
NEARLY EVERY ELECTRONIC DEVICE IS SUSCEPTIBLE TO ELECTROMAGNETIC INTERFERENCE (EMI) IF INADEQUATELY SHIELDED, DESIGNED, OR OTHERWISE CONFIGURED FOR ELECTROMAGNETIC COMPATIBILITY.

Facilities

To avoid electromagnetic interference and/or compatibility conflicts, turn off your handset in any area where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment in certain areas that is sensitive to external RF energy.

Potentially Explosive Atmospheres

Do not take your handset, charger, or battery into any area with a potentially explosive atmosphere. Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.



NOTE: TYPES OF EXPLOSIVE ATMOSPHERES
AREAS WITH POTENTIALLY EXPLOSIVE ATMOSPHERES INCLUDE FUELING AREAS SUCH AS BELOW DECKS ON BOATS, FUEL OR CHEMICAL TRANSFER OR STORAGE FACILITIES, AREAS WHERE THE AIR CONTAINS CHEMICALS OR PARTICLES SUCH AS GRAIN, DUST, OR METAL POWDERS, AND ANY OTHER AREA WHERE YOU WOULD NORMALLY BE ADVISED TO TURN OFF YOUR VEHICLE ENGINE. AREAS WITH POTENTIALLY EXPLOSIVE ATMOSPHERES ARE OFTEN POSTED, BUT NOT ALWAYS.

Introduction to the Quad Charger

The Quad Charger is designed to charge four Spectralink 87-Series Battery Packs (DM351) at the same time. It can be used as a standalone desk charger or mounted on a wall either singly or in a series. Unpack the Quad Charger and remove the mounting plate.

Desktop Use

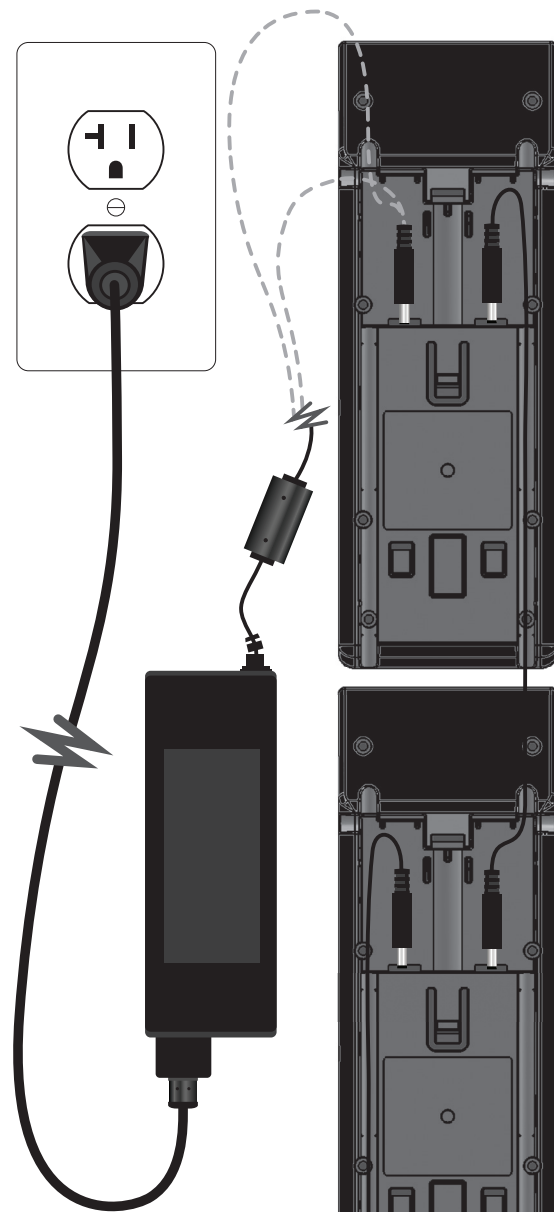
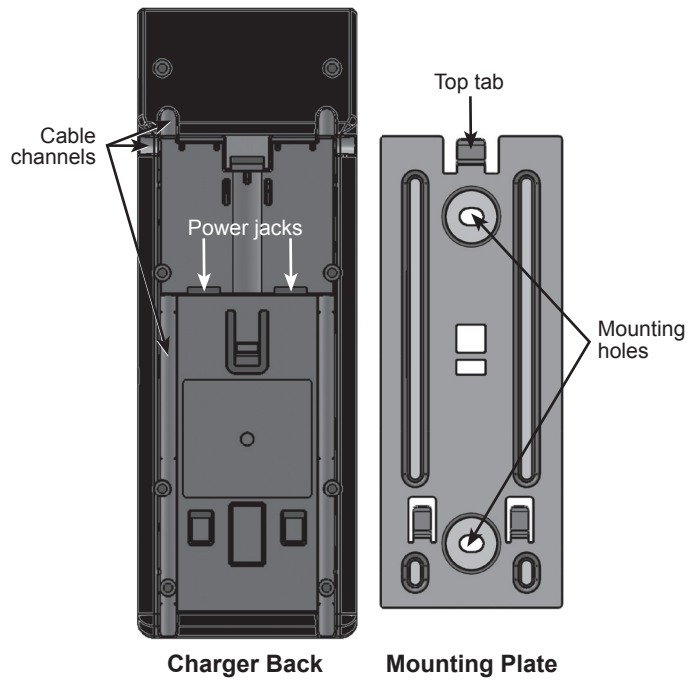
1. Plug the power cord into one of the jacks on the bottom of the charger. Either jack will work.
2. Use the plastic ribs for strain relief and thread the cord through the opposite side top or side channel.
3. Slide the mounting plate into place as shown in the drawing. It will lock onto the bottom of the Quad Charger.
4. Affix a rubber foot at each corner of the mounting plate.
5. Plug in the Quad Charger. It is now ready for use.
6. Place a Battery Pack into each slot as shown in the drawing on the front cover.

Wall Mounting

Refer to the instructions on the reverse side.

Mounting the Quad Chargers in Series

The Spectralink 87-Series Quad Charger can charge up to four Battery Packs at the same time. Up to three Quad Chargers can be connected in a daisy chain series to increase charging capacity to 12 bays. The daisy chain kit contains three Quad Chargers, two 19 cm cables for vertical mounting, two 8 cm cables for horizontal mounting and an enhanced power supply.



Vertical Configuration

In a vertical configuration, the top charger slides under the bottom charger and therefore the bottom charger should be the first one that is mounted on the plate, then the middle one, then the top one. Use the 19 cm cables for vertical configuration.

1. Mount all three plates in a vertical line 1.25 inches (32 mm) apart. Note that the tab should be at the top.
2. Plug the power cord into the bottom charger and thread the wire through a channel on the same side.
3. Plug a 19 cm cable into the second jack and thread the cable through the top channel. Ensure that the cables are secured.
4. Mount the bottom charger by sliding it from the top down onto the plate until it snaps into place.
5. Pick up the second /middle charger and plug the bottom charger's cable into the jack on the same side as it is in the bottom charger. Secure the cable in the channel on that side.
6. Plug the second 19 cm cable into the other jack and thread it through the top channel.
7. Mount the middle charger.
8. Plug the cable into the third or top charger and secure it in the channel as you did for the middle charger.
9. Mount the third charger.
10. Plug in the power supply.

Horizontal Configuration

In a horizontal configuration, the chargers are side-by-side. Be sure to leave enough room between the chargers so that it is easy to insert and remove the batteries.

1. Mount all three plates in a horizontal line 3/4 inches (20 mm) apart. Note that the tab should be at the top.
2. Plug the power cord into the outside jack of the first charger and thread the wire through a channel on that side.
3. Plug a 8 cm cable into the second jack and thread the cable through the top channel.
4. Mount the first charger by sliding it from the top down onto the plate until it snaps into place.
5. Pick up the second charger and thread the first charger's cable through the top channel and plug it into the jack on that side.
6. Plug the second 8 cm cable into the other jack and thread it through the top channel.
7. Mount the middle charger.
8. Thread the middle charger's cable through the top channel of the last charger and plug it into the jack on that side.
9. Mount the third charger.
10. Plug in the power supply.



CAUTION: POWER SUPPLIES

USE THE POWER SUPPLY THAT COMES IN THE DAISY CHAIN KIT WHEN YOU MOUNT THE CHARGERS IN A SERIES. THE POWER SUPPLY FOR INDIVIDUAL CHARGERS WILL NOT SUPPORT THE LOAD AND SHOULD NOT BE USED IN A SERIES CONFIGURATION.



CAUTION: INSTALLATION RESTRICTIONS

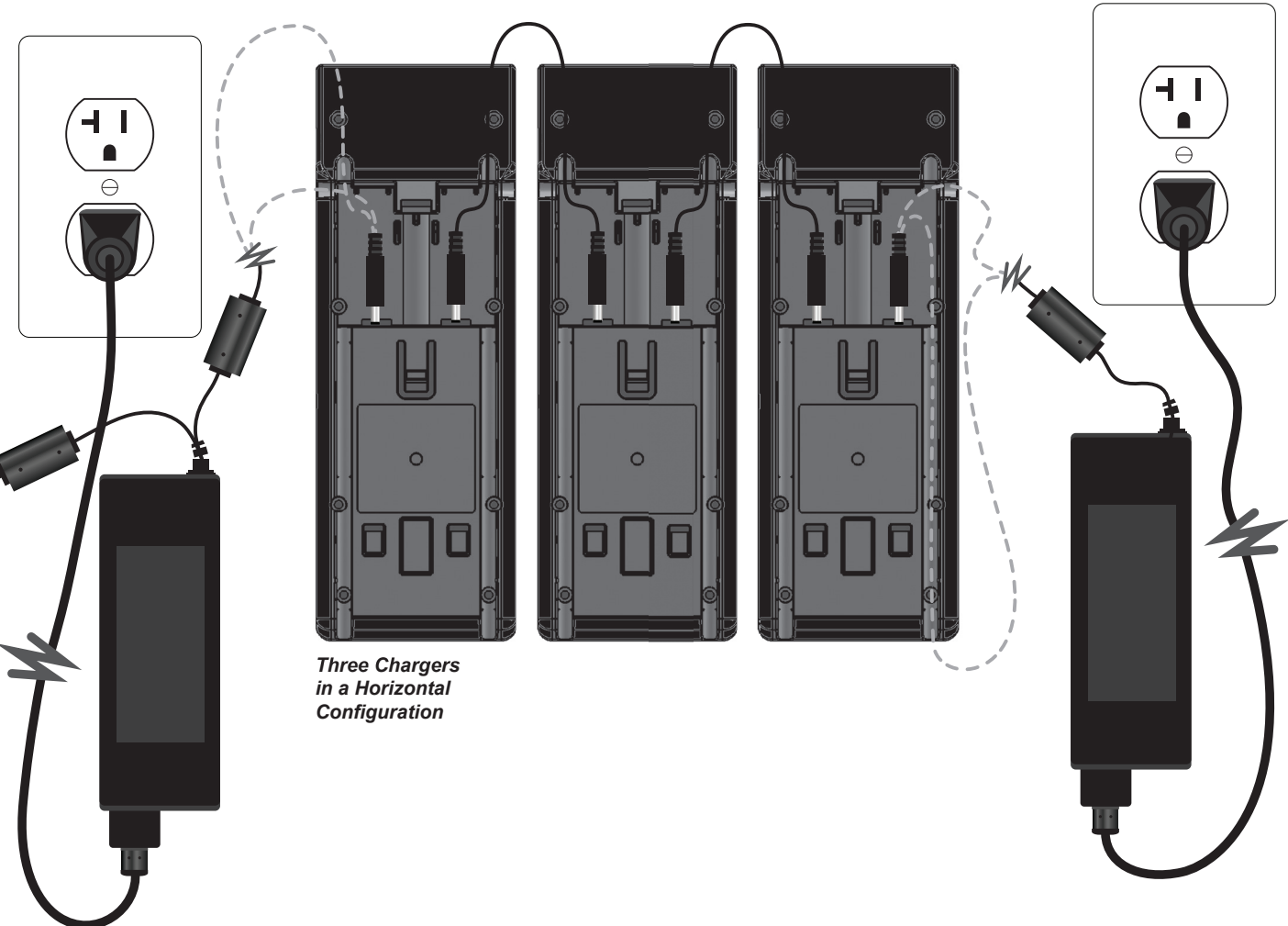
DO NOT MOUNT THE CHARGER WHERE IT WILL BE EXPOSED TO POTENTIALLY EXPLOSIVE ATMOSPHERES OR EXPOSE PERSONNEL TO INAPPROPRIATE ELECTROMAGNETIC INTERFERENCE.

Options for power supply

The brick-style power supply is required for the series configuration. The power cord can be plugged into either jack on either end and the cable can be routed through any of the cable channels.

The dashed lines on the illustrations show the various options.

Three Chargers in a Vertical Configuration



Three Chargers in a Horizontal Configuration