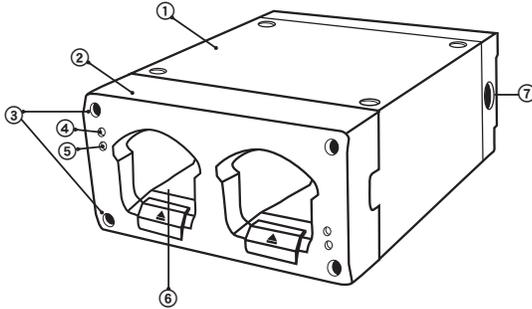


## General Description

The AXT903 and AXT904 charging stations charge 2 transmitter batteries in a convenient and compact desktop unit.

## Charger Overview



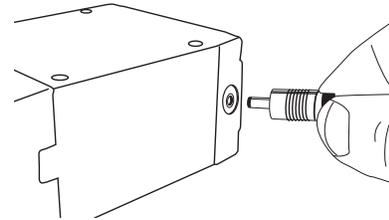
- ① **Charger Housing**
- ② **2-Bay Charging Module**
- ③ **Installation Screws (4 pieces)**
- ④ **Power LED**
- ⑤ **Charge Status LED**
- ⑥ **Charging Bay**
- ⑦ **DC Power Supply Input**

## Features

- Charges two transmitter batteries
- Charges batteries to 50% capacity within 1 hour
- Charges batteries to full capacity in 3 hours
- Modules can be re-used in AXT900 rackmount charging station
- Power supply included

## Connecting DC Power

1. Connect the cable from the Shure PS51 power supply to the DC power supply input.
2. The white LED will illuminate when the PS51 is connected to an AC power source.



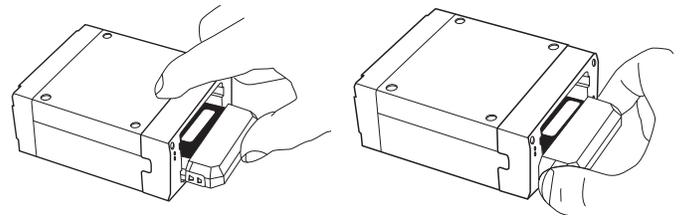
## Inserting and Removing Bodypack Batteries

### To Insert:

1. Align the battery with the key-way of the charger bay.
2. Press the battery into the charging bay until it locks into place.

### To Remove:

Press the release tabs on the sides of the battery and pull back.



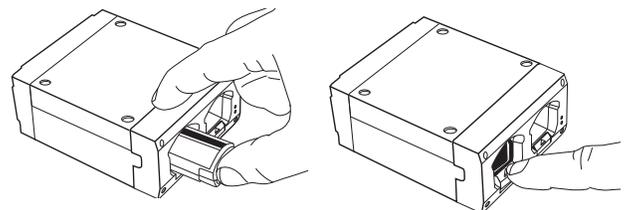
## Inserting and Removing Handheld Batteries

### To Insert:

1. Slide the battery into the charging bay.
2. Press the battery until it locks into place.

### To Remove:

1. Press the release button on the front of the charger module.
2. The release mechanism will eject the battery from the charger module.



## Charging Batteries

Slide the battery into the charging bay until it locks into place. Charging begins as soon as the batteries are inserted.

## Charge Status LED

Each charger bay has an LED to indicate the status of the battery.

<b>Red</b>	battery charging
<b>Green</b>	charging complete
<b>Off</b>	battery inserted incorrectly or battery depleted below 3.0 volts.
<b>Amber</b>	charging stopped at reduced capacity (not less than 75% capacity) because the battery is too warm. To reach 100% capacity, a battery must be cooled to below 45 °C.

## Recovering a Battery from Deep Discharge

A deeply discharged battery is one that has been discharged to less than 3.0 volts. When the charger detects a deeply discharged battery, it automatically enters recovery mode, which charges the battery using a reduced current. A red LED indicates recovery mode. If recovery is successful, the

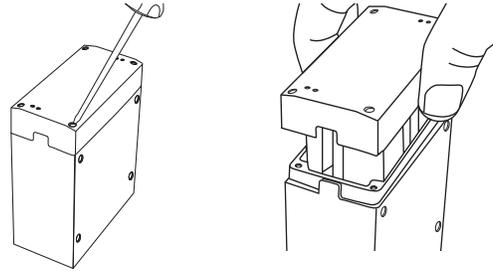
charger exits recovery mode and charges the battery to capacity. If the battery cannot be recovered in less than 30 minutes, the red LED turns off and charging stops.

## Changing the Charger Module

The modular design of the charger housing accepts either the AXT901 handheld charging module or the AXT902 bodypack charging module. Use the following instructions to change the charging module.

**Caution!** Remove DC power and remove batteries when installing the charging module.

1. Remove the 4 mounting screws that secure the charging module.
2. Pull the charger module to remove it from the housing.
3. Insert the replacement charger module into the housing (note the orientation of the guide rails).
4. Insert the mounting screws (4 pieces) and tighten them to secure the charging module.



## Troubleshooting

Power LED off.	DC power fault - check connection to power supply. Ensure PS51 power supply is connected to an AC power source.
Charge status LED does not illuminate.	Battery is not fully inserted.
Battery does not charge	Battery discharged below 3.0 volts. Try another battery.

## Specifications

### Battery Type

Up to 2 rechargeable Li-Ion batteries (AXT910/AXT920/920SL)

### Charge Time

50%=1 hour; 100%=3 hours

### Operating Temperature Range

-18 to +40 degrees C (0 to 104 degrees F)

### Battery Charging Temperature Range

0 to 60 degrees C (32 to 140 degrees F)

### Storage Temperature Range

-29 to 74 degrees C (-20 to 165 degrees F), without batteries

### Dimensions

45 mm x 86 mm x 114 mm (1.8 in. x 3.4 in. x 4.5 in.), H x W x D

**Weight**

350 g(12.3 oz.), without batteries or PS51 External Power Supply

**Housing**

Cast and extruded aluminum

**Power Requirements**

5.V DC, 2.72 A

**Accessories**

**Included Components**

2-bay charging module	AXT901 for bodypack battery or AXT902 for handheld battery
Power Supply	PS51
Mounting Screws for Charger Modules (8)	30B13476

**Optional Accessories**

2-bay charging module for bodypack battery                    AXT901  
 AXT902 2-bay charging module for handheld battery        AXT902

**Information to the user**

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. This 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 the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**WARNING:** Danger of explosion if incorrect battery replaced. Operate only with AA batteries.

- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like

**WARNING**

- Battery packs may explode or release toxic materials. Risk of fire or burns. Do not open, crush, modify, disassemble, heat above 140°F (60°C), or incinerate.
- Follow instructions from manufacturer
- Only use Shure charger to recharge Shure rechargeable batteries
- **WARNING:** Danger of explosion if battery incorrectly replaced. Replace only with same or equivalent type.
- Never put batteries in mouth. If swallowed, contact your physician or local poison control center
- Do not short circuit; may cause burns or catch fire
- Do not charge or use battery packs other than Shure rechargeable batteries
- Dispose of battery packs properly. Check with local vendor for proper disposal of used battery packs.

**Note:**

- This equipment is intended to be used in professional audio applications.
- EMC conformance is based on the use of supplied and recommended cable types. The use of other cable types may degrade EMC performance.
- Use this battery charger only with the Shure charging modules and battery packs for which it is designed. Use with other than the specified modules and battery packs may increase the risk of fire or explosion.
- Changes or modifications not expressly approved by Shure Incorporated could void your authority to operate this equipment.
- The rating label is located at the bottom of the enclosure.

**Note:** Use this battery charger only with the Shure Model PS51 series power supply.

**Certifications**

Conforms to electrical safety requirements based on IEC 60065.

c UL us listed by Underwriters Laboratories, Inc.

Authorized under the verification provision of FCC Part 15B.

**Industry Canada ICES-003 Compliance Label:** CAN ICES-3 (B)/NMB-3(B)

This device complies with Industry Canada licence-exempt RSS standard(s). Operation of this device is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any inter-

ference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The CE Declaration of Conformity can be obtained from Shure Incorporated or any of its European representatives. For contact information please visit [www.shure.com](http://www.shure.com)

The CE Declaration of Conformity can be obtained from:  
[www.shure.com/europe/compliance](http://www.shure.com/europe/compliance)

Authorized European representative:  
Shure Europe GmbH  
Headquarters Europe, Middle East & Africa  
Department: EMEA Approval  
Jakob-Dieffenbacher-Str. 12  
75031 Eppingen, Germany  
Phone: +49-7262-92 49 0  
Fax: +49-7262-92 49 11 4  
Email: [info@shure.de](mailto:info@shure.de)

Meets essential requirements of the following European Directives:

- Low Voltage Directive 2006/95/EC
- WEEE Directive 2002/96/EC, as amended by 2008/34/EC
- RoHS Directive 2011/65/EU  
**Note:** Please follow your regional recycling scheme for batteries and electronic waste
- Battery Directive 2006/66/EC  
Please follow your regional recycling scheme for battery disposal.
- Conforms to European Regulation (EC) No. 1275/2008, as amended.