



Battery Charging Options for use with 3000 Series Transmitters, 3000 Series IEM Receiver, and System 20 PRO Transmitters

audio-technica



Two-bay Charging Station

Audio-Technica's 3000 Series, 3000 IEM, and System 20 PRO wireless systems come equipped with external charging contacts. This allows nickel metal hydride (NiMH) batteries to be recharged in the transmitter or receiver by placing the transmitter or receiver in the optional ATW-CHG3A or ATW-CHG3NA charging station.

The ATW-CHG3A is a two-bay charging station for use with 3000 Series transmitters, 3000 Series IEM receiver, and System 20 PRO transmitters. The station charges NiMH batteries (not included) while they are housed within a transmitter or receiver. The station will automatically shut off if alkaline or damaged batteries are detected. Once fully charged, a maintenance charging function ensures that batteries retain their full power for as long as the transmitter or receiver remains in the charging station.



Up to five stations can be linked together and powered from a single power supply. The AT8687 Link Kit provides a link cable to pass power and charger status information, as well as a physical plate to connect a pair of charging stations.

Battery Charging Options



Front

Back



ATW-CHG3A
Non-Networked

Back



ATW-CHG3NA
Networked

The charger is also available in a network-enabled version (ATW-CHG3NA) to allow for remote network monitoring of the charger status. When linking multiple stations, only the first one needs to be network capable for all stations to be monitored remotely.



The ATW-CHG3A and ATW-CHG3NA are equipped with power and charging status indicator LEDs for easy monitoring.

Charging Bundles



ATW-CHG3AAD (MAP $269)

ATW-CHG3A two-bay charging station with the AD-SA1230XA AC adapter.



ATW-CHG3NAAD (MAP $369)

ATW-CHG3NA two-bay network-enabled charging station with the AD-SA1230XA AC adapter.



ATW-CHG3AEXP (MAP $239)

ATW-CHG3A two-bay charging station with the AT8687 Link Kit (power supply not included).

Components



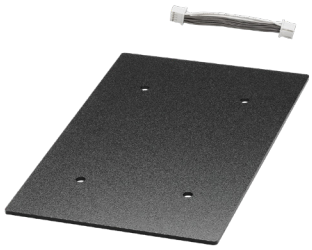
ATW-CHG3A
Two-bay Charger



ATW-CHG3NA
Two-bay Network-enabled Charger



AD-SA1230XA
AC Adapter Power Supply



AT8687
Link Kit

Choosing Charging Station Models

In order to simplify configurations, the following table identifies the quantities of each bundle necessary for a required number of charging bays:

	Networked Configuration				
# of Transmitters or Receivers	**2**	**4**	**6**	**8**	**10**
ATW-CHG3NAAD	**1**	**1**	**1**	**1**	**1**
ATW-CHG3AEXP	**–**	**1**	**2**	**3**	**4**

	Non-Networked Configuration				
# of Transmitters or Receivers	**2**	**4**	**6**	**8**	**10**
ATW-CHG3AAD	**1**	**1**	**1**	**1**	**1**
ATW-CHG3AEXP	**–**	**1**	**2**	**3**	**4**

Recommended Batteries

The ATW-CHG3A and ATW-CHG3NA are designed for use with nickel metal hydride (NiMH) batteries. While there is a wide variety of brands and models of batteries to choose from, the chart below lists batteries that are recommended by Audio-Technica.

Name	Manufacturer	Capacity
eneloop	Panasonic	1900 mAh
eneloop pro	Panasonic	2500 mAh
Duracell Rechargeable	Duracell	1950 mAh
Energizer	Energizer	2300 mAh
Ansmann	Ansmann	2850 mAh
VARTA	VARTA	2100 mAh
GP ReCyko+ 2700 Series	GP Batteries	2600 mAh

It is important to recommend name brand batteries in order to ensure the highest quality.

The milliamp-hour (mAh) rating is a measure of the NiMH battery's energy storage capacity. The higher the mAh rating, the higher the capacity. The transmitter or receiver does not require a specific mAh rating, but there is a trade-off on battery life. Higher capacity NiMH batteries will last longer, but also may take longer to charge, and vice versa.

Note: *Rechargeable batteries have a finite amount of charge cycles; this value varies by manufacturers and use. Marking a date on the battery with a permanent marker will help determine if the battery has reached the end of its useful life. Refer to the battery manufacturer's data sheet for more information on expected charge cycles and life span.*

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