

Battery Charging Options for the Fourth-Generation 3000 Series Wireless Transmitters

Fourth-generation wireless system expands the possibilities of performance

3000 Series Battery Charging Options



Two-bay Charging Station

The transmitters for Audio-Technica's fourth-generation 3000 Series wireless systems come equipped with external charging contacts. This allows nickel metal hydride (NiMH) batteries to be recharged in the transmitter by placing the transmitter in the optional ATW-CHG3 or ATW-CHG3N charging station.

The ATW-CHG3 is a two-bay charging station for use with 3000 Series (fourth generation) handheld (ATW-T3202) and body-pack (ATW-T3201) transmitters. The station charges NiMH batteries (not included) while they are housed within a transmitter. 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 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.

3000 Series Battery Charging Options



Front

Back



ATW-CHG3
Non-Networked

Back



ATW-CHG3N
Networked

The charger is also available in a network-enabled version (ATW-CHG3N) 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-CHG3 and ATW-CHG3N are equipped with power and charging status indicator LEDs for easy monitoring.

Charging Bundles



ATW-CHG3AD (MAP \$269)

ATW-CHG3 two-bay charging station with the AD-SA1230XA AC adapter.



ATW-CHG3NAD (MAP \$369)

ATW-CHG3N two-bay network-enabled charging station with the AD-SA1230XA AC adapter.



ATW-CHG3EXP (MAP \$239)

ATW-CHG3 two-bay charging station with the AT8687 Link Kit (power supply not included).

Components



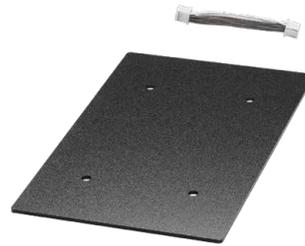
*ATW-CHG3
Two-bay Charger*



*ATW-CHG3N
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	2	4	6	8	10
ATW-CHG3NAD	1	1	1	1	1
ATW-CHG3EXP	–	1	2	3	4

	Non-Networked Configuration				
# of Transmitters	2	4	6	8	10
ATW-CHG3AD	1	1	1	1	1
ATW-CHG3EXP	–	1	2	3	4

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Recommended Batteries

The ATW-CHG3 and ATW-CHG3N 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 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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