



## Willcox LightWave Battery Pack Advisory

The LightWave System uses NiMH (Nickel Metal Hydride) batteries. The custom battery pack will have a partial charge when you receive it. All NiMH Batteries require several cycles of complete charge / discharge to maintain full capacity after storage. If you leave the instrument in storage, to be assured of a full capacity charge and optimal playing time, follow these steps:

1. Use the Rapid Charger to charge the battery (approximately 1 - 2 hours).
2. Plug an output cable into the Output Jack, and discharge the battery for several hours (12 – 15 hours).
3. Repeat. Three to five cycles should condition the battery to reach full capacity. Once conditioned, the battery will retain full capacity if charged regularly. Repeat the process occasionally to maintain full charge capacity.
4. If the battery pack will not achieve full capacity after the cycling outlined above, the pack may need to be replaced

The playing time on a full capacity, fully charged battery is about 16 hours. The instrument can be played while it is charging. Even a brief charge will extend playing time. Replacement battery packs are available from LightWave Systems. The custom battery pack includes electrical and thermal protection. Do not use substitutes, as damage may occur and will void the warranty.

If you plan to leave the instrument in storage for weeks or months, it is best to store it with a fully charged battery pack. After storage, follow the steps above.

For replacement battery packs, visit our online store.

Questions, call 805.684.3216 or email: [info@willcoxguitars.com](mailto:info@willcoxguitars.com)