

ATTENTION

Nickel-Cadmium batteries must be recycled or disposed of properly. State laws may vary regarding the handling and disposal of Nickel-Cadmium batteries.

Please contact your authorized **KENWOOD** Dealer for more information.

This instruction manual applies to the following models:

- PB-30 Standard Battery Pack (4.8V)
- PB-32 Standard Battery Pack (6V)
- PB-33 Long Life Battery Pack (6V)
- PB-34 High Power Battery Pack (9.6V)

SAFETY PRECAUTIONS

- 1 This rechargeable nickel-cadmium battery pack is designed exclusively for use with KENWOOD transceivers. Use this pack only when equipment instruction manuals specifically recommend this model. To prevent damage, do not attempt to use the pack with other types of transceiver or chargers.
 - 2 Do not expose the battery pack to water or fire, or attempt to open it. Recharge at ambient temperatures between +5°C to +40°C (+41°F to +104°F). Recharging at extremely high or low temperatures can cause leakage.
 - 3 Do not drop the battery pack; strong impacts can degrade battery performance.
- Prevent the terminals of the battery pack from being shorted together. This can cause permanent damage.

CHARGING**Note:**

- The battery pack is delivered from the factory uncharged. Charge fully before using the first time.
- The "S" terminal located near the bottom of the PB-30 rear side is used by the KSC-14 rapid battery charger when charging the PB-30 to identify the model of the NiCd battery.

- 1 Carefully review the instructions provided with your transceiver or charger before beginning to charge the battery pack.
- 2 Clean the terminals of the battery pack and charger with a soft cloth before beginning a charge cycle.
- 3 Charge the battery pack for the recommended time as stated in the chart.

- 4 Discontinue charging when the battery pack is fully charged. Continuous charging or extreme discharge will degrade battery performance over time.
- 5 If after using the battery pack for the first time, battery capacity seems low, refer to Item 3 under "STORAGE".
- 6 Recharging a fully charged, or almost fully charged, battery pack shortens the operating time of the pack. If this occurs, use the pack until completely discharged, then recharge it to full capacity.
- 7 Replace the battery pack with a new one when the operating time of the fully charged pack has noticeably shortened. The useful life in charge/discharge cycles is approximately 300 when the pack is used correctly.
- 8 The recharging time specified for BC-17 also applies when connecting a transceiver with an attached battery pack to an external power supply using a PG-3F, PG-3H, or PG-2W cable.

STORAGE

- 1 When equipment will not be used for an extended period, remove the fully discharged battery pack from the equipment and store the pack in a cool, dry place. Recommended storage temperature is from -30°C to +35°C (-22°F to +95°F).
- 2 When the battery pack will be stored for more than three months, charge and discharge the pack every three months.
- 3 After extended storage, battery capacity may be less than maximum. Repeat the charge/discharge cycle 2 or 3 times to restore the battery to full capacity.
- 4 The rate of discharge of charged NiCd batteries when stored is slightly higher than that of non-rechargeable manganese batteries. Therefore, store the battery pack in a cool, dry place to minimize this effect.

MODEL	VOLTAGE in VDC	CAPACITY in mAh	SPECIFIED BATTERY CHARGER (Approx. Recharging Time)	
			BC-17	KSC-14
PB-30	4.8	600	15 hours	* 60 min.
PB-32	6	600	15 hours	* 60 min.
PB-33	6	1200	30 hours	* 70 min.
PB-34	9.6	600	15 hours	* 60 min.

- * The recharging time specified for KSC-14 applies when using rapid charge mode.