

# KENWOOD

Listen to the Future



## KVC-18

D.C. Vehicular Charger

### COMPATIBILITY

- TK-2180/3180 Portables (all models)
- TK-5210/5310 Portables (all models)
- Charges NiCD & NiMH Only\*

### GENERAL FEATURES

- Heavy Duty D.C. Vehicle Charger
- Charge/Trickle/Repeat LED Indicators
- Vehicular Repeater On/Off Switch
- Vehicular Man-Out Output
- Spring-Tension Charge Well
- Portable Safety Strap
- KMC-25/26 Compatible
- Adjustable Mounting Bracket



\* Charges KNB-31A NiCD, KNB-32N / KNB-41NC NiMH only.  
Does NOT charge KNB-33L Li-ion packs.

# Technical Specifications

| Model  | KVC-18  |
|--|---|
| <b>GENERAL</b>   |   |
| Portable Radio Compatibility   | TK-2180/3180 (all models)<br>TK-5210/5310 (all models)  |
| Rapid Charge Cycle & Usage   | 2.5 Hours (Typical)*<br>* Depends on battery chemistry, capacity, initial charge & temperature  |
| Input Voltage  | 11.0 to 15.0 VDC Negative Ground<br>13.8 VDC Nominal, 1.0A Nominal  |
| Current Drain  | 35 mA in Standby Mode   |
| Current Charge Rate  | 1000 mA Rapid Charge (RED LED)<br>65 mA Trickle Charge (GREEN LED)  |
| Battery Chemistry  | Charges KNB-31A NiCD, KNB-32N / KNB-41NC NiMH only.<br>Does NOT charge KNB-33L Li Ion or any other Li Ion packs.  |
| Size   | 3.7"W x 3.7"H x 5.3"D (excluding protrusions)   |
| Weight   | 2 lbs.  |
| Operating Temperature  | -30°C to +65°C (-2°F to +149°F)   |
| Charge Temperature   | +15°C to +40°C (59°F to +104°F)<br>Note: Per most manufacturer specifications, NiCd cells should not be charged at temperatures lower than +5°C and higher than +45°C.  |
| Accessory Connector Pin Outs<br>(Pin numbers are molded into the accessory plug) | Pin 1: (RED) – A+ Battery Positive<br>Pin 2: (WHITE) – Repeater Control Output (RPTR ON = active LOW (8 Ω nominal)<br>Pin 3: N.C.<br>Pin 4: Yellow Ignition Sense (or tie to A+)<br>Pin 5: N.C.<br>Pin 6: (BLACK) – Battery Negative or Chassis Negative Ground |
| Fuse   | Red A+ lead (2A)<br>Yellow Ignition Sense (200 mA)  |
| Speaker/Microphones:   | KMC-25, KMC-26 compatible   |
| Included Accessories   | Instruction Sheet, D.C. power cable, adjustable mounting bracket,<br>2 hex-head bracket-to-charger well screws (hardware to secure the bracket to a vehicle surface is not included).   |

# KENWOOD

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